ENGLISH, STAGE V

AVANT

Davies
Implements Limited

CATALOGUE 2025

LOADERS, OPTIONS & ATTACHMENTS

TEHTY SUOMESSA
MADE IN FINLAND

AVANTTECNO.COM

Foreword

This catalogue contains most of the Avant loaders and attachments available from Avant Tecno Oy at the date of printing. Avant has a policy of continuing product development and retains the right to change specifications without notice. All attachments listed in this catalogue may not be available on all markets and in all countries - please consult your local Avant distributor.

Operation of certain attachments may require specific equipment on the loader. Please consult your local Avant distributor. Compatibility tables between attachments and loader models are advisory. All attachments do not fit on all loader models. Please contact your local Avant distributor to make sure that the attachment is compatible with your Avant loader.

Avant 200 series 2 (Avant 220, 225 and 225LPG), which came to the market in January 2016, has the same attachment bracket and multi connector for hydraulic hoses as other Avant loader models (300, 400, 500, 600, 700, 800, R and e series). However, the attachment bracket of the earlier 200 series 1 (Avant 216/218/220, manufactured in 2004-2015) is different from other models. Therefore 200 series 1 attachments do not fit on Avant 200 series 2, 300, 400, 500, 600, 700, 800, R and e series, and vice versa.

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Super compact multi-function loader

- Avant quick attach system for attachments (same as on other Avant models)
- Multi connector for hydraulic attachments (same as on other Avant models)
- Spacious cockpit: good legroom and storage space
- Multi function display: hour meter and fuel gauge, engine indicators, road traffic light indicators
- Hydrostatic 4WD
- 14 l fuel tank
- Hydraulic oil cooler
- 47 Ah battery
- LED front lights (1000 lumen)
- Avant 225 with 25 hp electronic fuel injection gasoline engine
- Auxiliary hydraulics oil flow to hydraulically driven attachments as high as 42 l/min
- Suspension seat with arm rests (no heater)

Options

- Joystick 6 functions: auxiliary hydraulics control with buttons on joystick
- Cab L: windscreen with wiper and washer, right side and rear windows – door also available as an option
- Anti slip valve
- LED work light kit: 2 front, 1 rear
- Road traffic kit
- Auxiliary hydraulics outlet in the rear
- Opticontrol® attachment control system for attachments with electric and hydraulic functions
- Wheel weights

Safety

- Longer wheelbase and lower center of gravity – better stability
- Certified ROPS safety frame and FOPS canopy
- Seat belt
- LED front lights as standard, extra LED work light kit (2 front, 1 rear, 700 lumen) available as an option
- Excellent, unrestricted field of vision to the attachment and working environment

1910 mm

700 kg

1400 mm

350 kg

15–18 kW / 20–25 hp gasoline

0 – 10 km/h

Specifications

Machine width

Wheel size	Profile	Width
20 x 8.00 - 10	TR or grass	995 mm
20 x 8.00 - 10*	TR or grass	1025 mm

*) With spacers

Model	**AVANT 220**	**AVANT 225**
Engine	Kohler CV640 Stage V	Kohler ECV730 EFI Stage V
Function	4-stroke	4-stroke, Electronic Fuel Injection
Fuel	gasoline	gasoline
Engine output (ECE R120)	14,9 kW (20 hp)	18,6 kW (25 hp)
Auxiliary hydraulics	185 bar	185 bar
• Front outlet (standard)	30 l/min	42 l/min
• Rear outlet (optional)	7 l/min	7 l/min
Drive speed	0 - 10 km/h	0 - 10 km/h
Wheels	20x8.00-10 tractor/grass	20x8.00-10 tractor/grass
Pulling force	620 daN	640 daN
Tipping load	350 kg	350 kg
Lifting height	1400 mm	1400 mm
Weight	700 kg	700 kg
Height	1880 mm	1880 mm
Width	995/1025 mm	995/1025 mm
Length	1910 mm	1910 mm
Product no:	**M220**	**M225**

AVANT® 400

Low operating weight, uncomplicated and economical

- Equipped with Kubota 22 hp diesel engine – more horsepower and torque especially on low revs
- Auxiliary hydraulics oil flow 34 l/min

Standard specification

- Telescopic boom and Drive release valve
- Multi connector system for hydraulic attachments
- Hydraulic oil cooler
- Certified ROPS safety frame + FOPS canopy
- 2 front LED work lights (1000 lumen)
- Hydrostatic 4WD
- Standard tyres 23x8.50-12 Traction or Grass profile
- Suspension seat with arm rests (no heater)
- 20 l fuel tank

Options

- Joystick 6 functions: auxiliary hydraulics control with buttons on joystick
- Cab L: windscreen with wiper and washer, right side and rear
- LED work light kit: 2 front, 1 rear
- Road traffic kit
- Auxiliary hydraulics outlet in the rear
- Opticontrol® attachment control system for attachments with electric and hydraulic functions
- Extra counterweights

Width with 5.70-12 tyres 930 mm

2195 mm

1080 kg

2750 mm

550 kg

16 kW/22 hp diesel

0 – 12 km/h

Specifications

Machine width

Wheel size	Profile	Width
5.70-12	TR	930 mm
23 x 8.50 - 12	TR or grass	1050 mm
23 x 10.50 - 12	TR or grass	1090 mm

Model	**AVANT 423**
Length	2195 mm
Width (23x8.50-12 wheels)	1050 mm
Height	1980 mm
Weight	1080 kg
Standard wheels	23x8.50-12” grass/TR
Transmission, drive	Hydrostatic
Pulling force	700 kp
Drive speed	0 - 12 km/h
Auxiliary hydraulics oil flow / pressure	34 l/min 185 bar
Hydraulic oil cooler	Standard
Turning radius	880 / 1970 mm
Max. lifting height	2750 mm
Tipping load	550 kg
Engine make and type	Kubota D902 Stage V
Engine output (ECE R120)	16 kW (22 hp)
Maximum torque	56 Nm @ 2600 rpm
Fuel	Diesel
Product no:	**M423**

Excellent choice with robust and simple hydraulics

Avant 523

- Equipped with Kubota 22 hp diesel engine – more horsepower and torque especially on low revs
- Auxiliary hydraulics oil flow 34 l/min

Avant 528 and 530

- Equipped with Kubota 26 hp diesel engine, compliant with all emission standards worldwide
- Avant 528: one drive speed area (1-speed Poclain drive motors), max. drive speed 12 km/h
- Avant 530: two drive speed areas (2-speed Poclain drive motors), max. drive speed 19 km/h
- Cab GT available as an option

Standard specification

- Strong piston type Poclain drive motors
- Telescopic boom
- OPTIDRIVE® drive system - more power to drive and to attachment hydraulics
- Multi connector system for hydraulic attachments
- Hydrostatic 4WD
- Drive release valve
- Hydraulic parking brake
- Hydraulic oil cooler
- Certified ROPS safety frame + FOPS canopy
- 2 front LED work lights (1000 lumen)
- Standard tyres 23x10.50-12 Traction or Grass profile
- Suspension seat with left arm rest (no heater)
- Integrated back weight 160 kg (523) / 170 kg (528, 530)
- Multi function display instead of separate gauges, with information on engine revs, working hours, auxiliary hydraulics oil flow, temperatures etc.
- All Avant loaders with combustion engine comply with the European Stage V emission standard

2450 mm – 2610 mm

1370 kg – 1460 kg

2790 mm

800 kg – 950 kg

16–19 kW / 22–26 hp diesel

0 – 19 km/h

Specifications

Height with cab

Wheel size	26x12.00-12 320/60-12*	27x8.50-15
Cab L	2035 mm	2048 mm
Cab GT (530,528)	2070 mm	2100 mm

*) With 23" wheels machine is 15 mm lower

Machine width

Wheel size	Profile	Width
27 x 8.50 - 15*	TR	1030 mm
23 x 8.50 - 12	TR or grass	1080 mm
23 x 10.50 - 12	TR or grass	1130 mm
26 x 12.00 - 12*	TR or grass	1290 mm
320/60-12 HD*	TR	1290 mm
26,5 x 14.00 - 12**	grass	1420 mm

*) Bigger wheels will increase total machine height by 20-35 mm

**) Requires 40 mm spacers on the wheel hubs

Model	**AVANT 523**	**AVANT 528**	**AVANT 530**
Length	2450 mm	2610 mm	2610 mm
Width (with standard wheels)	1130 mm	1130 mm	1130 mm
Height (with standard wheels)	1985 mm	1985 mm	1985 mm
Weight ROPS / GT	1370 kg / -	1420 kg / 1570 kg	1460 kg / 1610 kg
Standard wheels	23x10.50-12"grass/TR	23x10.50-12"grass/TR	23x10.50-12"grass/TR
Transmission, drive	hydrostatic Avant Optidrive®	hydrostatic Avant Optidrive®	hydrostatic Avant Optidrive®
Pulling force	900 kp	950 kp	1050 kp
Drive speed	0 - 12 km/h	0 - 12 km/h	0 - 19 km/h
Auxiliary hydraulics oil flow / pressure	34 l/min 185 bar	36 l/min 200 bar	36 l/min 200 bar
Hydraulic oil cooler	Standard	Standard	Standard
Turning radius inside/outside	995 / 2050 mm	995 / 2050 mm	995 / 2050 mm
Max. lifting height	2790 mm	2790 mm	2790 mm
Tipping load	800 kg	950 kg	950 kg
Max. breakout force / 50 cm	1100 kg	1250 kg	1250 kg
Engine make and type	Kubota D902 Stage V	Kubota D1105 Stage V	Kubota D1105 Stage V
Engine output (ECE R120)	16 kW (22 hp)	19 kW (26 hp)	19 kW (26 hp)
Maximum torque	56 Nm @ 2600 rpm	72 Nm @ 2200 rpm	72 Nm @ 2200 rpm
Fuel	Diesel	Diesel	Diesel
Product no:	**M523**	**M528**	**M530**

New super compact loaders with high output

AVANT 635i/640i

- Naturally aspirated Kohler KSD 1403NA 26 hp common rail diesel engine with electronically controlled indirect injection with exhaust purifier
- Compliant with all emission standards worldwide (EU Stage V, US Tier 4 Final etc.) – doesn't need diesel particulate filter (DPF)
- High low-end torque: 90 Nm @ 1800 rpm
- High-flow auxiliary hydraulics, max. 66 l/min with 2 pumps
- Low own weight: easy to transport, very gentle on the turf

AVANT 645i/650i

- Most compact over 26 hp Stage V / Tier 4 final loader on the market
- High-flow auxiliary hydraulics, max. 75 l/min with 2 pumps - can run practically any Avant attachment
- Turbocharged Kubota V1505CRT common rail diesel engine complies with the European Stage V / US Tier 4 final emission regulations, equipped with diesel oxidation catalyst (DOC) and diesel particulate filter (DPF) integrated in the same housing

Standard specification

- Telescopic boom, boom floating, joystick 8 functions (645i, 650i)
- Load control system (in accordance with EN474-3:2022 standard)
- OPTIDRIVE® drive system - more power to drive and to attachment hydraulics
- Strong piston type Poclain drive motors
- Multi connector system for hydraulic attachments
- Fast ground speed, max 23 km/h (640i/650i with 2-speed drive motors)
- Hydrostatic 4WD, drive release valve, hydraulic parking brake
- ROPS/FOPS (open cab) as standard, L cab and GT cab available as an option
- 2 front LED work lights (1000 lumen)
- Standard tyres 26x12-12 Traction or Grass profile, bigger tire option 320/55-15 available
- Full suspension heated seat with seat belt & hand rests
- Large 40 l fuel tank, Integrated back weight 170kg
- Multi function display instead of separate gauges, with information on engine revs, working hours, fuel consumption (l/h), auxiliary hydraulics oil flow, temperatures etc.

2610 mm

1570 kg – 1630 kg

2835 mm

1190 kg

19–33 kW / 26–44 hp diesel

0 – 23 km/h

Specifications

Height with cab

Wheel size	26x12.00-12 320/60-12*	320-55/15
Cab GT	2070 mm	2100 mm

*) With 23" wheels machine is 15 mm lower

Machine width

Wheel size	Profile	Width
27 x 8.50 - 15*	TR	1030 mm
23 x 8.50 - 12	TR or grass	1080 mm
23 x 10.50 - 12	TR or grass	1130 mm
26 x 12.00 - 12	TR or grass	1290 mm
320/60-12 HD	TR	1290 mm
320/55-15*	TR or grass	1305 mm
26,5 x 14.00 - 12**	grass	1420 mm

*) Bigger wheels will increase total machine height by 13 mm

**) Requires 40 mm spacers on the wheel hubs

Model	**AVANT 635i**	**AVANT 640i**	**AVANT 645i**	**AVANT 650i**
Length	2610 mm	2610 mm	2610 mm	2610 mm
Width (with standard wheels)	1290 mm	1290 mm	1290 mm	1290 mm
Height (with standard wheels)	2060 mm	2060 mm	2060 mm	2060 mm
Weight ROPS / GT	1570 kg / 1720 kg	1580 kg / 1730 kg	1620 kg / 1770 kg	1620 kg / 1770 kg
Standard wheels	26x12.00-12"Grass / TR		26x12.00-12"Grass / TR	
Transmission, drive	hydrostatic Avant Optidrive®		hydrostatic Avant Optidrive®	
Pulling force max.	1000 kp	1000 kp	1400 kp	1400 kp
Drive speed	0 - 12 km/h	0 - 23 km/h	0 - 12 km/h	0 - 23 km/h
Auxiliary hydraulics	66 l/min 200 bar	66 l/min 200 bar	75 l/min 200 bar	75 l/min 200 bar
Turning radius inside/outside	940 / 2250 mm	940 / 2250 mm	940 / 2250 mm	940 / 2250 mm
Lifting height to pivot point	2835 mm	2835 mm	2835 mm	2835 mm
Max. tipping load	1190 kg	1190 kg	1190 kg	1190 kg
Max. breakout force / 50 cm	1250 kg	1250 kg	1250 kg	1250 kg
Engine make and type	Kohler KSD 1403NA Stage V, 3-cyl.		Kubota V1505-CR-TE5 Stage V, 4-cyl.	
Engine output (ECE R120)	19 kW (26 hp)		33 kW (44 hp)	
Maximum torque	90 Nm @ 1800 rpm		117 Nm @ 2000 rpm	
Fuel	diesel		diesel	
Product no:	**M635i**	**M640i**	**M645**	**M650**

Outstanding handling capacity

- AVANT 735i with naturally aspirated Kohler KSD 1403NA 26 hp common rail diesel engine with electronically controlled indirect injection with exhaust purifier
- Outstanding handling capacity, up to 1400kg pallets
- Stronger boom construction, more lifting height, up to 3080 mm
- More oil flow for attachments, double pump with 80 l/min (755i, 760i) or 66 l/min (735i)
- Avant 755i and 760i with turbocharged common rail diesel engine comply with the EU Stage V emission regulations, equipped with diesel oxidation catalyst (DOC) and diesel particulate filter (DPF) with automatic regeneration
- Air conditioning and air suspension seat for GT Cab available
- Bigger wheels as standard
- Faster travel speed

Standard specification

- Telescopic boom, boom floating
- Load control system (in accordance with EN474-3:2022 standard)
- OPTIDRIVE® drive system - more power to drive and to attachment hydraulics
- Strong piston type Poclain drive motors on all models
- Two drive speed areas on 760i
- Multi connector system for hydraulic attachments
- Joystick 8 functions
- Drive release valve
- Hydraulic parking brake
- Certified ROPS safety frame + FOPS canopy
- 2 front LED work lights (1000 lumen)
- Hydrostatic 4WD
- 5-stud wheel hub, standard tyres 320/60-12 Traction (735i, 755i)
- 10-stud wheel hub, standard tyres 400/50-15 Traction (760i)
- Full suspension heated seat with seat belt & arm rests
- Fast travel speed: 26 km/h (760i)
- Integrated back weight 170kg, large fuel tank 63 l
- Multi function display instead of separate gauges, with information on engine revs, working hours, fuel consumption (l/h), auxiliary hydraulics oil flow, temperatures etc.

3060 mm

1810 kg – 2100 kg

3080 mm – 3100 mm

1400 kg

19–42 kW / 26–56 hp diesel

0 – 26 km/h

Specifications

Height with cab

Wheel size	26x12.00-12 320/60-12	320-55/15*
Cab L	2060 mm	2094 mm
Cab GT	2120 mm	2150 mm

*) With 400/50-15 machine is 30 mm higher

Machine width

Wheel size	Profile	Machine width	
		735i/755i	760i
27x8.50-15	TR	1030 mm	1080 mm
26x12.00-12	TR or grass	1295 mm	1350 mm
320/60-12 HD	TR	1295 mm	1350 mm
320/55-15	TR or grass	1305 mm	1360 mm
400/50-15	TR or grass	-	1450 mm

Model	**AVANT 735i**	**AVANT 755i**	**AVANT 760i**
Length	3060 mm	3060 mm	3060 mm
Width (with standard wheels)	1295 mm	1295 mm	1450 mm
Height (with standard wheels)	2060 mm	2060 mm	2110 mm
Weight ROPS / GT	1810 kg / 1960 kg	1970 kg / 2120 kg	2100 kg / 2250 kg
Standard wheels	320/60-12HD TR	320/60-12HD TR	400/50-15 TR
Transmission, drive	hydrostatic Avant Optidrive®	hydrostatic Avant Optidrive®	hydrostatic Avant Optidrive®
Pulling force max.	1000 kp	1220 kp	1330 kp
Drive speed	0 - 12 km/h	0 - 16 km/h	0 - 26 km/h
Auxiliary hydraulics	66 l/min 200 bar	80 l/min 225 bar	80 l/min 225 bar
Turning radius inside/outside	1240 / 2780 mm	1240 / 2780 mm	1240 / 2780 mm
Lifting height to pivot point	3080 mm	3080 mm	3100 mm
Max. tipping load	1400 kg	1400 kg	1400 kg
Max. breakout force / 50 cm	1700 kg	1700 kg	1700 kg
Engine make and type	Kohler KSD 1403NA Stage V, 3-cyl.	Kohler KDI-TCR 1903 Stage V	Kohler KDI-TCR 1903 Stage V
Engine output (ECE R120)	19 kW (26 hp)	42 kW (56 hp)	42 kW (56 hp)
Maximum torque	90 Nm @ 1800 rpm	225 Nm @ 1500 rpm	225 Nm @ 1500 rpm
Fuel	diesel	diesel	diesel
Product no:	**M735i**	**M755**	**M760**

Avant's largest and most powerful model

- Handling capacity up to 1900 kg
- Strong boom construction with two tilt cylinders
- Lifting height 3500 mm to hinge pin
- Oil flow for attachments 80 l/min, twin pump
- Avant 855i and 860i with turbocharged common rail diesel engine comply with the European Stage V emission regulations, equipped with diesel oxidation catalyst (DOC) and diesel particulate filter (DPF) with automatic regeneration
- Cab GT with air conditioning available
- Air suspension seat for cab available
- Big 17" wheels as standard
- Avant quick attach system as standard

Standard specification

- Telescopic boom, boom self levelling, boom floating
- Load control system (in accordance with EN474-3:2022 standard)
- OPTIDRIVE® drive system - more power to drive and to attachment hydraulics
- Hydrostatic 4WD
- Strong piston type Poclain drive motors on all models
- Avant 855i: one drive speed area (1-speed Poclain drive motors), max. drive speed 15 km/h
- Avant 860i: two drive speed areas (2-speed Poclain drive motors), max. drive speed 30 km/h
- Multi connector system for hydraulic attachments
- Joystick 8 functions
- Drive release valve, hydraulic parking brake
- Certified ROPS safety frame + FOPS canopy
- 2 front LED work lights (1000 lumen)
- 10-stud wheel hub, standard tyres 380/55-17" traction
- Full suspension heated seat with seat belt & arm rests
- Integrated back weight 275 kg, large fuel tank 63 l
- Multi function display instead of separate gauges, with information on engine revs, working hours, fuel consumption (l/h), auxiliary hydraulics oil flow, temperatures etc.

3395 mm

2490 kg – 2540 kg

3500 mm

1900 kg

42 kW/56 hp diesel

0 – 30 km/h

Specifications

Height

Wheel size	380/55 - 17 TR
ROPS	2200 mm
Cab GT	2230 mm

Model	AVANT 855i	AVANT 860i
Length	3395 mm	3395 mm
Width (with standard wheels)	1490 mm	1490 mm
Height (with standard wheels)	2200 mm	2200 mm
Weight ROPS / GT	2490 kg / 2640 kg	2540 kg / 2690 kg
Standard wheels	380/55-17” TR	380/55-17” TR
Transmission, drive	hydrostatic Avant Optidrive®	hydrostatic Avant Optidrive®
Pulling force max.	1565 kp	1750 kp
Drive speed	0 - 15 km/h	0 - 30 km/h
Auxiliary hydraulics	80 l/min 225 bar	80 l/min 225 bar
Turning radius inside/outside	1370 mm / 2990 mm	1370 mm / 2990 mm
Lifting height to pivot point	3500 mm	3500 mm
Max. tipping load	1900 kg	1900 kg
Max. breakout force / 50 cm	2200 kg	2200 kg
Engine make and type	Kohler KDI-TCR 1903 Stage V	Kohler KDI-TCR 1903 Stage V
Engine output (ECE R120)	42 kW (56 hp)	42 kW (56 hp)
Maximum torque	225 Nm @ 1500 rpm	225 Nm @ 1500 rpm
Fuel	diesel	diesel
Product no:	**M855**	**M860**

AVANT® e SERIES

The full electric battery powered Avant

- No exhaust emissions, very low noise, on-board 3 kW battery charger
- Equipped with Avant OptiTemp® lithium-ion battery with high energy density
- Battery developed and manufactured by Avant Power in Ylöjärvi, Finland
- Top notch safety: multi-layer protection for the battery thanks to OptiTemp® technology and design of the battery
- Operating time in medium duty loading work as high as 6 hours with the 27 kWh battery (depending on conditions)
- Two models: Avant e513 (13 kWh battery) and Avant e527 (27 kWh battery)
- Cab GT with electric heater available as an option on Avant e527 (A/C not available on e527 GT)

Standard specification

- On-board 3 kW battery charger
- Type 2 charging inlet on loader
- Charging cable with Type 2 <=> 230 V Schuko 1-phase power plugs – charging from 230 V outlet equipped with 16 A or min.10 A fuse
- Transmission: hydrostatic 4WD, strong piston type Poclain hydraulic drive motors
- Avant Optidrive® drive system – more power to drive and to attachment hydraulics
- Two electric motors: one for the hydrostatic transmission and one for the auxiliary hydraulics and other hydraulic functions
- Telescopic boom, Auxiliary hydraulics oil flow max. 30 l/min
- Hydraulic oli cooler, hydraulic parking brake, drive release valve
- Suspension seat with armrests and seat belt
- Certified ROPS safety frame + FOPS canopy, rear guard, 2 LED front lights (1000 lumen)
- Multi-function display, multi connector system for hydraulic attachments
- 23x10.50-12 tractor profile tyres

Options for charging the lithium-ion battery

- DIN 320 3-phase charging inlet on loader, for the 400 V Avant rapid chargers
- Avant rapid charger: two models, 400 V/16 A and 400 V/32 A
- Wall mounted charging station (”Wallbox”), includes Type 2 charging cable
- Charging cable with Type 2 <=> Type 2 power plugs
- Charging cable with 3-phase CEE <=> Type 2 power plugs
- On-board 9 kW battery charger

2610 mm

1420 kg – 1500 kg

2790 mm

900 kg

13 kWh
27 kWh

0 – 10 km/h

Specifications

Height with cab

Wheel size	26x12.00-12 320/60-12*	27x8.50-15
Cab L	2035 mm	2048 mm
Cab GT (e527)	2070 mm	2100 mm

*) With 23” wheels machine is 15 mm lower

Machine width

Wheel size	Profile	Width
27 x 8.50 – 15*	TR	1030 mm
23 x 8.50 – 12	TR or grass	1080 mm
23 x 10.50 – 12	TR or grass	1130 mm
26 x 12.00 – 12	TR or grass	1290 mm
320/60-12 HD	TR	1290 mm
26.5 x 14.00 – 12**	Grass	1420 mm

* Bigger wheels will increase total machine height by 20—35 mm
** Requires 40 mm spacers on the wheel hubs

Charging times

Model	AVANT e513	AVANT e527
On-board charger 3 kW, standard	2 h 50 min	5 h 40 min
On-board charger 9 kW, option	0 h 45 min	1 h 30 min
Rapid charger 400V/16 A, option	1 h 10 min	2 h 20 min
Rapid charger 400V/32 A, option	-	1 h 10 min

Charging time is affected by prevailing conditions and temperature. The charging times are indicated from 10% to 80% of the battery’s available charge level (SOC).

Model	Avant e513	Avant e527
Length	2610 mm	2610 mm
Width	1130 mm	1130 mm
Height	1985 mm	1985 mm
Weight ROPS / GT	1420 kg / -	1500 kg / 1650 kg
Standard wheels	23x10.50-12” TR	23x10.50-12” TR
Transmission, drive	hydrostatic Avant Optidrive®	hydrostatic Avant Optidrive®
Drive speed*	10 km/h	10 km/h
Auxiliary hydraulics	30 l/min 185 bar	30 l/min 185 bar
Hydraulic oil cooler	standard	standard
Turning radius inside / outside	995 / 2050 mm	995 / 2050 mm
Lift height	2 790 mm	2 790 mm
Max. tipping load**	900 kg	900 kg
Max. breakout force / 50 cm	1100 kg	1100 kg
Battery type	Avant OptiTemp®, lithium-ion	Avant OptiTemp®, lithium-ion
Capacity	13 kWh	27 kWh
Lithium ion battery voltage	44 V	44 V
Fuel	electric	electric
Operating time***	3 hours	6 hours
Product no:	**ME513**	**ME527**

* 15” wheels
** with 180 kg rear side weights
*** In medium duty loading work; no hydraulic attachments used.

Multi-function display

500, 600, 700, 800 and e series

The multi function display is standard on all new 500, 600, 700, 800, and e series loaders. This display compiles the information on the individual gauges, in addition to general and model specific information about the loader. Additional information can be selected with buttons on the display.

Diesel powered loaders

Battery powered loaders

Basic display view

This view is automatically shown when the loader is started.

- Ambient temperature can be displayed in Fahrenheit or Celsius
- Total operating hours, current time, selected drive speed range, engine RPM
- Message area: instead of information listed above
- Auxiliary hydraulics pump selection switch position
- Current output of auxiliary hydraulics in litres or gallons per minute
- Hydraulic oil temperature

Diesel powered loaders:

- Current fuel consumption in litres or gallons per hour (on models with electronically controlled engine 635i/640i/645i/650i/735i/755i/760i/855i/860i)
- Load control system information (600-800 series), fuel level
- Information about selected display page and DPF controls (645i/650i/755i/760i/855i/860i)
- Auxiliary hydraulics pump selection switch position

Battery powered loaders:

- Momentary power consumption
- Battery charge status

Load Control System

All Avant 600, 700, and 800 series are equipped with load control system as standard, starting from February 2025, to comply with EN 474-3:2022 standard. These models:

- have a lift capacity of 1000 kg or more
- are equipped with a telescopic boom which can be extended by more than 500 mm

The load control system helps the Avant driver to work more efficiently when lifting heavy loads (optimizing bucket fills etc.), and to work more cautiously. The system continuously monitors stability of the loader and restricts boom movements that could cause the loader to tip over on flat, level ground, while the loader is stationary (not moving).

The load control systems consists of two parts:

LOAD INDICATOR: A precentage value of the load compared to the tipping load of the loader is shown on the display. The indicator is always on.

LOAD CONTROL: Active only when the telescope of the loader is extended by more than 500 mm, and while the loader is stationary. To indicate when the control system is active and ready to limit movements of the boom, a green frame will appear to the display. The load control system will restrict movements of the boom that could cause the loader to tip over. The system gives an audible warning before the loader reaches its tipping point. The system is intended to prevent the loader from tipping over on flat, level ground, while the loader is stationary.

	Loader stationary (not moving)	Loader in movement (when driving)
Retracted boom	LOAD INDICATOR ON LOAD CONTROL OFF	LOAD INDICATOR ON LOAD CONTROL OFF
Extended boom > 500 mm*	LOAD INDICATOR ON LOAD CONTROL ON	LOAD INDICATOR ON LOAD CONTROL OFF

*) Preventive load control may stop boom movements also before the boom is extended by 500 mm.
In all situations the display will show precentage value of the load in relation to the tipping load of the loader.

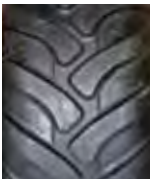
Depending on the situation, there are three possible ways which can be used to move the boom when load control has stopped boom movements:

1. Retract the boom and then lower it down carefully
2. Dump the load from the attachment
3. Use the override switch on the dashboard to temporarily override the load control system

Tire options, on a new machine

1

2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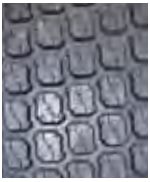
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Size	Tread	Product no:	220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e513	e527
20 x 8.00 - 10	1, TR	MW20810T	Standard	Standard	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available
20 x 8.00 - 10	4, Grass	MW20810G	Standard	Standard	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available
5.70-12	2, TR	MW5.5712T	Not available	Not available	Option	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available
23 x 8.50-12	2, TR	MW5.238512T	Not available	Not available	Standard	Option	Option	Option	Option	Option	Option	Option	Not available	Not available	Not available	Not available	Not available	Option	Option
23 x 8.50-12	4, Grass	MW5.238512G	Not available	Not available	Standard	Option	Option	Option	Option	Option	Option	Option	Not available	Not available	Not available	Not available	Not available	Option	Option
23 x 10.50-12	3, TR	MW5.2310512T	Not available	Not available	Option	Standard	Standard	Standard	Option	Option	Option	Option	Not available	Not available	Not available	Not available	Not available	Standard	Standard
23 x 10.50-12	4, Grass	MW5.2310512G	Not available	Not available	Option	Standard	Standard	Standard	Option	Option	Option	Option	Not available	Not available	Not available	Not available	Not available	Standard	Standard
26 x 12.00-12	3, TR	MW10.261212T	Not available	Not available	Not available	Option	Option	Option	Standard	Standard	Standard	Standard	Not available	Not available	Not available	Not available	Not available	Option	Option
26 x 12.00-12	4, Grass	MW10.261212G	Not available	Not available	Not available	Option	Option	Option	Standard	Standard	Standard	Standard	Option	Option	Not available	Not available	Not available	Option	Option
320/60 - 12 HD	3, TR	MW10.3206012T	Not available	Not available	Not available	Option	Option	Option	Option	Option	Option	Option	Standard	Standard	Option	Not available	Not available	Option	Option
27 x 8.50-15	2, TR	MW10.278515T	Not available	Not available	Not available	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Not available	Not available	Option	Option
26.5 x 14.00-12*	5, Grass	MW10.2651412G	Not available	Not available	Not available	Option	Option	Option	Option	Option	Option	Option	Not available	Not available	Not available	Not available	Not available	Option	Option
320/55-15 HD	3, TR	MW10.3205515T	Not available	Not available	Not available	Not available	Not available	Not available	Option	Option	Option	Option	Option	Option	Option	Not available	Not available	Not available	Not available
320/55-15 HD	6, Grass	MW10.3205515G	Not available	Not available	Not available	Not available	Not available	Not available	Option	Option	Option	Option	Option	Option	Option	Not available	Not available	Not available	Not available
400/50-15	3, TR	MW10.4005015T	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Standard	Not available	Not available	Not available	Not available
400/50-15	4, Grass	MW10.4005015G	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Option	Not available	Not available	Not available	Not available
380/55-17	3, TR	MW10.3805517T	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Standard	Standard	Not available	Not available
380/55-17	4, Grass	MW10.3805517G	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Option	Option	Not available	Not available
			220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e513	e527

* Requires 4 pcs A417486 40 mm spacers
Spacer kit, 4 pcs A418958

Standard Option Not available

Options, for a new machine

Telescopic boom

Telescopic boom gives more outreach and lifting height, which helps loading and reaching a lot. It is also easy to adjust the distance between the front wheels and the attachment with the telescopic boom, and you can also push the loader with the teleboom if necessary. Depending on model, telescopic boom gives 400-825 mm more outreach, and the extra lifting height is 400-740 mm. Telescopic boom is standard in all 400-, 500-, 600-, 700-, 800- and e-series machines.

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e513	e527
✗	✗	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard

Boom self levelling

Self levelling system keeps the position of the attachment the same in relation to the ground, regardless of the position of the boom. Self levelling is hydraulic: there is a levelling cylinder on the left side of the boom which follows the movements of the bucket tilt cylinder and keeps the attachment level. Self levelling is disabled when boom floating is switched on. Avant 200 series is equipped with a mechanical boom self levelling as standard: the tilt cylinder is connected to the attachment coupling plate and to a linkage rod which keeps the attachment level when the boom is lifted and lowered.

500-, e series	A455807	700 series	A445631
600 series	A445632		

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e513	e527
Standard	Standard	✗	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Standard	Standard	Option	Option

Boom floating, machine without self levelling

Boom floating system releases the lift cylinder so that the boom moves freely upwards from the position where it is when boom floating is switched on, allowing the attachment to follow the contours of the ground.

400 series	A479634
500-, e series	A455802

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e513	e527
✗	✗	Option	Option	Option	Option	Standard	Standard	Standard	Standard	Standard	Standard	Standard	✗	✗	Option	Option

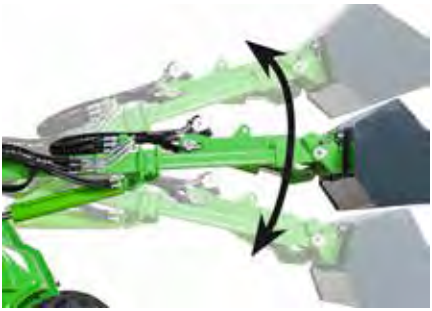
Standard Option Not available

Boom floating, machine with self levelling

Boom floating can also be installed on machines with boom self levelling. The boom floating valve bypasses boom self levelling, which means that boom self levelling doesn't work when boom floating is switched on.

200 series A421697 500-, e series A455803

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e513	e527
✓	✓	✗	✓	✓	✓	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	✓	✓

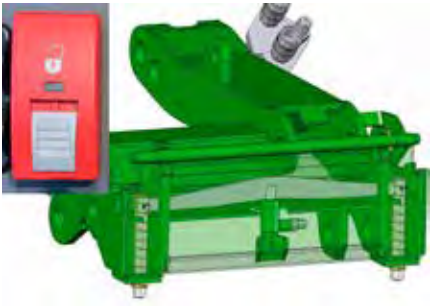


Smooth drive (boom suspension)

Smooth drive is a shock absorber system for the boom. When driving at high speed with a heavy load or heavy attachment the boom starts to move up and down, making driving bumpy. Smooth drive consists of an accumulator which absorbs and eliminates boom movements and makes driving considerably smoother and more stable. Smooth drive requires boom self levelling and boom floating on the loader.

500-, e series A455808 800 series A458422
600-700 series A445633

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e513	e527
✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓



Hydraulic attachment coupling plate

The hydraulic attachment coupling plate enables coupling and disconnecting of the attachment from driver's seat. There is a hydraulic cylinder on the attachment coupling plate which moves the locking pins up and down.

500-600, e series A450469
700 series A450470
800 series A460242

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e513	e527
✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Standard ✓ Option ✗ Not available

Joystick 6 functions

On the 6 function joystick the operation of auxiliary hydraulics (hydraulically driven attachments) happens with two buttons on the joystick. This makes work faster and more comfortable, because you don't need to move your hand from the joystick to the auxiliary hydraulics control lever when operating the attachment, and you can also lift the boom and tilt the attachment at the same time if necessary.

200 series A36785 500-, e series A455806
400 series A455804

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e513	e527
✓	✓	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓

Joystick 8 functions

On the 8 function joystick both the auxiliary hydraulics and the telescopic boom can be controlled with the switches on the joystick. This speeds up both loading and working with hydraulic attachments.

635i, 640i* A449938
*) Load control system requires the 8 function joystick on the loader

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e513	e527
✗	✗	✗	✗	✗	✗	✓	✓	🔗	🔗	🔗	🔗	🔗	🔗	🔗	✗	✗

Opticontrol®

Opticontrol® makes it possible to operate both the electric and the hydraulic functions of the attachment with the rocker switches on the control switch pack. This requires the 6 or 8 function joystick on the loader. Opticontrol® speeds up the operation of attachments which have two or more hydraulic functions and an electric solenoid valve for selecting those functions. It consists of the control switch pack which mounts on the boom control lever and a selector switch which mounts on the dashboard of the loader.

When the switch is in OFF position, electric functions of the attachment (e.g. electric turning of the rotary broom, electric water spraying pump of collecting broom, electric selector valve etc.) are controlled with the rocker switches on the control switch pack. When the switch is in ON position, all hydraulic functions of the attachment are controlled with the rocker switches on the control switch pack (e.g. hydraulic rotator and hydraulic cylinder of the timber grab, independent operation of the wings of the flipper bucket & snow plows, functions on the mounting kit for stone installation clamp etc.). This means the operator can keep the hand on the joystick and control all functions of the attachment smoothly and comfortably. If the loader is not equipped with the 6/8 function joystick, only the electric functions of the attachment are operated with the switches on the control switch pack. Opticontrol® can also be retrofitted on a machine already equipped with the control switch pack.

200 series A36880 500 - 700, e series* A454145
400 series A479767 800 series A454220
* On e series requires also the A459419 Extra 12V power kit
Opticontrol® retrofit kit, for loaders with attachment control switch pack A437338

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e513	e527
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

🔗 Standard ✓ Option ✗ Not available

Adapter cable for attachment control switch pack

Avant loaders manufactured before 2016, where the socket of the attachment control switch pack is not on the multi connector can be retrofitted with an adapter cable. It mounts on the multi connector, and the electric wire from the attachments control switch pack is connected to this adapter cable. The attachment can also be retrofitted with a corresponding adapter cable if necessary. With this updated adapter cable both the electric wire and the hydraulic hoses are connected at the same time with the multi connector.

Adapter cable A36869

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e513	e527
✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Adapter plug 12V

Adapter plug to 12V outlet, mounts both on the smaller 12V outlet on 400-800 series and on the bigger outlet on 200 series 2. You can connect the electric wires of any 12V electric appliance (for instance a battery charger) to this adapter. Requires therefore some electrician skills.

Adapter plug 12V 66286

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e513	e527
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Auxiliary hydraulics outlet in the rear, double acting

Double acting rear hydraulics is equipped with pressure and return line (on 400-800, e-series also with tank line), and it makes it possible to operate rear mounted hydraulic attachments like tipping trailer, sand spreader etc. Requires optional 8 function joystick in 635i/640i models.

200 series*	A36871
400 series	A34632
500 series	A455809
600 series	A449939
700 series	A450467
800 series	A434872
e series	A459420

* Not with hand drive

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e513	e527
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Standard ✓ Option ✗ Not available

Control switch pack for rear mounted attachments

Electric functions of rear mounted attachments can be controlled with this control switch pack. It is necessary, for instance, for operating the 700 and 800 series hydraulic rear lift A427547/ A438490 and the attachment mounted on it (e.g. sand spreaders). Other applications: operation of the electric water pump on the A37065 water spraying system of the horse arena harrow, and A37301 electric spreading adjustment of the centrifugal sand/salt spreader. The switch pack is equipped with a strong magnet and can be fastened in a suitable place in the cockpit, for instance on the dashboard. The electric socket is mounted in the rear of the loader.

500-800 series A453712

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e513	e527
✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗

Second auxiliary hydraulics outlet in the front

In addition to the standard auxiliary hydraulics outlet in the front, equipped with multi connector, the loader can be equipped with an extra double acting outlet. It is double acting (pressure-return) and equipped with conventional quick couplers. If the extra front outlet is installed, rear auxiliary hydraulics outlet is not possible, and vice versa. Requires optional 8 function joystick in 635i/640i models.

400 series	A35504	700 series	A450468
500-, e series	A35884	800 series	A460247
600 series	A449940		

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e513	e527
✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Drive release valve

The drive release valve diverts the oil flow between the left and right side hydraulic drive motors, and this has an effect on the pulling force. When the valve is open the hydraulic oil flows in series from motor to motor. The wheels roll freely and the loader leaves less tire marks on soft and sensitive surfaces. When the valve is closed, the hydraulic oil flows in parallel between the hydraulic motors on each side, similar to a differential lock in operation. This improves traction and towing capacity of the loader.

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e513	e527
Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard

Standard ✓ Option ✗ Not available

Anti slip valve

The anti slip valve positively diverts oil flow between the right and left side hydraulic drive motors (forces the oil to flow to both right and left side drive motors) and improves traction on slippery and uneven surfaces. The function of the anti slip valve depends also on the drive release valve: when the drive release valve is closed the anti slip valve diverts oil flow to the drive motors on all four wheels. When the drive release valve is open the anti slip valve diverts the oil flow between the front wheels only.

200 series	A49548
400 series	A479766
500-600 series	A454838
700-800 series	A455810
e series	A444989

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e513	e527
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Reverse beeper

Gives a loud audible warning signal when reversing.

200 series	A421116
500, 600 series, 735i	A453737
423, 755i, 760i, 855i, 860i	A438525
e series	A446428

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e513	e527
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Back weight

The extra 29 kg counterweight mounts on the rear bumper. It is equipped with handle and fastening hooks, so it is easy to just drop the weight on the bumper, and also to connect the weights on each other. Trailer couplings A417323 and A417337 can also be mounted on the weight.

Back weight	A35957

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e513	e527
✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Standard ✓ Option ✗ Not available

Rear side weights 80 kg

Rear side weights mount behind the rear wheels. They are delivered in pair: one on the left and one on the right side. Weight of the kit is 80 kg, and it is intended mainly fo 400 series, but can be mounted on bigger Avants as well.

Rear side weights 80 kg A36401

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e513	e527
✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Rear side weights 180 kg

Rear side weights mount behind the rear wheels. They are delivered in pair: one on the left and one on the right side. Weight of the kit is 180 kg.

Rear side weights 180 kg A49063

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e513	e527
✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Wheel weight

Avant 200 series can be equipped with 14 kg wheel weights which mount on the rim with special bolts. They make the center of gravity of the machine lower and add weight, which improves the stability of the loader. Wheel weights are recommended especially for very uneven terrains and/or forest conditions.

200 series A46584

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e513	e527
✓	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗

Standard ✓ Option ✗ Not available

Attachment mounting plate in the rear

Attachment mounting plate in the rear is mainly intended for mounting the sand spreaders in the rear of the machine. On 700 and 800 series also the centrifugal spreader can be mounted on it. The plate is a rigid vertical plate which doesn't tilt.
The mounting plate for 528/530 and 600 series is equipped with two bolts for fastening the attachment whereas the 700 & 800 series plate is fitted with the Avant quick attach system and also with hydraulic quick couplers and hydraulic hoses in case the hoses of the attachment are not long enough to reach the optional rear auxiliary hydraulics outlet on the loader.
When mounting hydraulic attachments, the loader must be equipped with the optional double acting rear auxiliary hydraulics outlet.

528, 530, 600 series	A455026
700 series	A441613
800 series	A441666

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e513	e527
✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗

Hydraulic rear lift

This hydraulic rear lift mounts on Avant 700 and 800 series only. It is mainly intended for the sand/salt spreaders.

The rear lift can be tilted down max. 95°, which means that the sand spreader can be tilted down to horizontal position and filled directly from the sand pile by reversing with the machine. The rear lift requires the optional double acting rear auxiliary hydraulics outlet and the control switch pack for rear mounted attachments on the loader. Selection between operation of rear lift / attachment is made with the switch pack, and the rear lift/attachment is operated with auxiliary hydraulics control lever (or buttons on the joystick, if fitted). Hydraulic cylinders are equipped with check valves which make sure that the rear lift cannot move inadvertently.

700 series	A427547
800 series	A438490

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e513	e527
✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✗	✗

Standard ✓ Option ✗ Not available

Trailer coupling

There are two types of trailer couplings available: a 50 mm ball hitch and a 50 mm ball hitch with towing pin. Both can be mounted either directly on the rear bumper or on the extra back weight.

Avant 200 series is equipped with a 50 mm ball hitch as standard.

Ball hitch	A417323
Ball hitch with towing pin	A417337

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e513	e527
Standard	Standard	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option

SD HD

Snow chains

Snow chains are available for different tire sizes. They give excellent grip on slippery snowy and icy surfaces. Can be mounted on all four wheels or just on the front or rear axle. Delivered in a bag which includes 2 pcs chains.

5x10 TR, pair SD	64055
20x8.00-10, pair SD (for 200 series rear wheels)	64454
23x8.50-12, pair SD	64746
23x8.50-12, pair HD	64455
23x10.50-12, pair HD	64745
26x12.00-12, pair HD	64973
320/60-12, pair HD	65603
320/55-15, pair HD	65722
27x8.50-15, pair SD	65723
380/55-17, pair HD	A445685

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e513	e527
Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option

Rear guard

The rear guard protects the rear and the radiator of the engine. It mounts with four bolts and is easy to install and take off. The rear guard is equipped with tie down points and allows mounting of back weights and/or trailer coupling at the same time.

400-600 series	A454760
700-800 series	A455901

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e513	e527
Not available	Not available	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Standard	Standard

Standard Option Not available

Work light kit, on ROPS frame

The work light kit consists of three LED lights: 2 to the front, 1 to the rear. Two types of LED lights available: 2810 lumen or 2500 lumen.

2810 lumen general light, wider 170° light beam:

200 series, 2810 lumen	A36866
400 series, 2810 lumen	A479763
500 - 800, e series, 2810 lumen	A438520

2500 lumen power light, narrower and brighter 90° light beam:

400 series, 2500 lumen	A479764
500 - 800, e series, 2500 lumen	A438521

Work light kit with red lights (for beekeepers)

400 - 800, e series, 400 lumen	A432730

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e513	e527
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Trailer socket, 7-pin

The 7-pin trailer socket mounts on the rear bumper of the loader. It is available only with the road traffic light kit. Trailer socket standards vary in different countries, please consult your local Avant distributor.

400-600, e series	A466165
700-800 series	A418817

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e513	e527
✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Road traffic light kit

The road traffic light kit consists of headlamps, blinkers, reflectors, slow moving vehicle sign (triangle) and beacon. When mounted on the ROPS frame the road traffic light kit of 400-800 and e series also includes the rear wall (on 500 and e series requires the 50 mm higher 600/700 ROPS frame for the rear wall). It enables road traffic registration in certain countries. Requirements vary in different countries, please consult your local Avant distributor.

200 series	A36773
400 series	A479026
500-600 series	A449941
700 series	A450471
800 series	A454167
e series*	A459418

* requires also the A459419 Extra 12V power kit

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e513	e527
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Standard ✓ Option ✗ Not available

Beacon

The rotating warning beacon is equipped with a very bright LED lamp. It mounts on a tiltable socket and is easy to install and take off.

200 series	A421008
400 series	A479765
500 - 800 series	A438530
e series	A459548

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e513	e527
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Cab L

Avant cab L is an excellent and economical choice when the operator wants to have protection against rain, wind and snowfall. It improves operator comfort and working conditions considerably. The cab mounts on the standard ROPS frame, which means safety is guaranteed. It consists of windscreen (equipped with wiper and washer), right side window and rear window.
Door is available for 200 series cab L.

200 series	A36681
Door, cab L 200 series	A37278
400 series	A444002
500 - 700-, e series	A449937
800 series	A439264

Cab L requires the 50 mm higher 600/700 series ROPS frame on 500 and e series.

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e513	e527
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Rear wall

The rear wall mounts on the ROPS frame. It gives protection against wind and light rain.

400 series	A439184
500-700-, e series	A49446
800 series	A439193

Rear wall requires the 50 mm higher 600/700 series ROPS frame on 500 and e series.

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e513	e527
✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Standard Option Not available

Cab GT

The top of the range cab GT is mounted with rubber mounts on the chassis which further reduces vibrations and noise level in the cab. Visibility to the rear wheels is better thanks to larger rear windows. The cab is equipped with heating, sound absorbing interior, windscreen washer and wiper, cab air filter and front & rear mudguards as standard (rear mudguards not fitted as standard with 23x8.50-12, 23x10.50-12 and 27x8.50-15 tires). Optional equipment include air conditioning, air suspension seat, radio, road traffic kit, work light kit, 4-light beacon (2 pcs blinking LED lights above the windscreen, 2 pcs above the rear windows) and rotating beacon. Cab GT increases machine weight by 150 kg.

Cab GT, 528, 530, 600 series	A449936
Cab GT, 700 series	A444539
Cab GT, 800 series	A436732
Cab GT, e527 (requires also the A459419 Extra 12V power kit)	A475358
Work light kit on cab: 2 front, 2 rear, LED 2810 lumen (general light)	A438528
Work light kit on cab: 2 front, 2 rear, LED 2500 lumen (power light)	A438539
Road traffic light kit, 528, 530, 600 series	A449942
Road traffic light kit, 700 series	A450924
Road traffic light kit, 800 series	A455539
Road traffic light kit, e527	A475898
A/C on cab, cooler in the rear (600, 700, 800 series)	A438326
Air suspension seat (includes back rest extension)	A455692
Vinyl seat, instead of standard fabric seat with full suspension	A459615
Four-light beacon, on cab (2 pcs LEDs above windscreen, 2 pcs above rear windows)	A438538
Rotating beacon	A438530
Radio, with bluetooth	A438587
Fire extinguisher 2kg, dry powder, ABC class	A452921

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e513	e527
✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓

Standard ✓ Option ✗ Not available

HD cover plates

HD cover plates are made of extra shock resistant polycarbonate with great tensile strength. They can take the beating on the construction site and will even resist jumping on them. The HD covers are as shiny as the standard ABS covers.

423	A479768
523	A455813
e series :	
ROPS/ Cab L	A459421
Cab GT (e527 only)	A475428
528, 530, 600 series:	
ROPS/ Cab L	A449946
Cab GT	A449944
700 series:	
ROPS and cab L	A449945
Cab GT	A449943
800 series:	
ROPS and cab L	A438664
Cab GT	A438665

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e513	e527
✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Mudguards rear

528, 530, 600 series*	A445950
700 - 800 series	A437518

Rear mudguards can also be retrofitted on
528, 530, 600 - 800 series with Stage V rear chassis.
* With 26x12.00-12 and 320/60-12HD tires

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e513	e527
✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗

Fire extinguisher

Class ABC (solid non-metallic substances, fluids, gasoline, oils, flammable gases, electrical equipment) dry powder 2 kg fire extinguisher, available for loaders with ROPS safety frame and with cab GT. Installed in the cockpit footwell.

400-800, e series, loaders with ROPS frame	A452904
500-800 series, e527 loaders with cab GT	A452921

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e513	e527
✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Standard ✓ Option ✗ Not available

Suspension seat

Vinyl suspension seat with adjustable suspension is standard equipment on 200, 400, 500 and e series
It is equipped with seat belt, left arm rest.
Seat heater is not available.

Standard right armrest

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e513	e527
Standard	Standard	Standard	Standard	Standard	Standard	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Standard	Standard

Full suspension seat

The full suspension seat with larger suspension is standard equipment on 600, 700 and 800 series. It is equipped with seat belt, left arm rest and seat heating in the seat cushion and backrest.

Standard right armrest

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e513	e527
Not available	Not available	Not available	Not available	Not available	Not available	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Not available	Not available

Vehicle identification

Vehicle identification number (VIN) and/or Loader serial no. stamped on loader chassis

VIN	T0035
Loader serial number	T0036

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e513	e527
Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option

Standard Option Not available

Engine heater

Engine heater facilitates starting in low ambient temperatures and saves the engine and reduces fuel consumption when starting in the cold.

200 series, radiation	A420503
423/523, block	A425277
528, 530, block	A410648
635i, 640i, 735i block	A458197
645i, 650i, block	A449947
755i, 760i, 855i, 860i, block	A419474

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e513	e527
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗

Exhaust purifier

Exhaust purifier can be mounted instead of the standard exhaust muffler. It reduces diesel engine emissions. In Kubota V1505CRT and Kohler KDI Stage V engines a diesel oxidation catalyst (DOC) is integrated in the same housing with the diesel particulate filter DPF. In models with Kohler KSD 1403 engine an exhaust purifier is standard equipment (welded in exhaust pipe).

423, 523	A424843

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e513	e527
✗	✗	✓	✓	✗	✗	S	S	S	S	S	S	S	S	S	✗	✗

Hand drive controls

Hand drive controls enables the forward-reverse driving of the loader with a switch on the joystick, instead of the drive pedals. The hand drive is proportional like the drive pedals: the more the switch is turned the faster the machine will travel. It is possible to use either the hand drive or the standard drive pedals; selection between hand drive and pedal control happens with a switch on the dashboard.

200 series	A37093

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e513	e527
✓	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗

S Standard ✓ Option ✗ Not available

Lifting kit, for machines with ROPS frame

The kit includes all necessary slings and instructions for lifting a loader equipped with ROPS frame.

200-800- and e series A418706

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e513	e527
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Tie down bracket in the rear/on the sides

A simple bracket, that makes it easier to tie down the machine during transport. Fits either to the back of the machine or to the side of the rear frame. Can be mounted also between rear frame and trailer coupling or to rear back weight with handle, which allows the use of it even if a trailer coupling is mounted.

400-800, e series A418746

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e513	e527
✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

A423161

A423091

Tie down bracket on wheel hub

The bracket makes it easier to tie down the loader on a trailer, truck etc. Two models: for 6-bolt wheel hub and for 5/10-bolt wheel hub.

6-bolt wheel hub A423161
5 and 10 bolt wheel hub A423091

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e513	e527
✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Standard ✓ Option ✗ Not available

Weather cover

Weather cover protects the cockpit against rain, snow, dust and dirt. The weatherproof cloth covers the entire instrument panel, steering wheel and driver's seat. The weather cover is delivered with an integrated pouch where the cover can be wrapped when not in use.

200 series	65435
400-800, e series	65436

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e513	e527
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Transport cover

Protects the entire Avant loader during transports on an open trailer or truck. The material is black, robust and all-weather proof fabric which keeps the machine safe from rain, snow and dirt. Comes with a durable pouch.

200 series	65477
400-600, e series	65478
700 series	65479

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e513	e527
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗	✓	✓

Loading ramps

The lightweight and durable aluminium ramps are easy to handle and they stay clean thanks to the open grid design.

Max. load is 2.250 kg.

Loading ramps	65447

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e513	e527
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗	✓	✓

Standard Option Not available

Extra 12V power kit, e series

Avant e513/e527 is equipped with a 44V electric system; in addition there is a 12V power supply which feeds electricity e.g. to the standard 12V front lights and the optional work light kits and which is operational only when the electric system of the loader is activated with the ignition switch. There are however some options for e series which require constant 12V electric current: cab GT on e527, Opticontrol® on e series, and for instance the emergency blinkers in the road traffic light kit must function also when the electric system is deactivated. For this there is an extra 12V power kit available as an option for e series. It consists of a 12V/2.9 Ah battery and a 12V power supply. The power supply takes care of the normal 12V current needs and the battery is needed to supply power for short peak currents (e.g. when several 12V appliances are activated at the same time) and constant current to the road traffic light kit. The extra power kit is necessary with the road traffic light kit, and it is recommended also when e series is fitted with attachments which are equipped with a 12V electric device, e.g. an electric actuator.

Extra 12V power kit A459419

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e513	e527
✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓

9 kW on-board battery charger, e series

The optional 9 kW on-board charger speeds up charging of the e513/e527 lithium-ion battery considerably compared with the standard 3 kW on-board charger - providing the charging cable or external charging station has at least 9 kW charging power (charging times, see page 19). The 9 kW on-board charger comes with the Type 2 - Schuko 1-phase 230V charging cable as standard (part no. A464571). The max. charging power of the standard cable is 3 kW. In order to reach the maximum 9 kW charging power, one of the following optional charging cables (or wall mounted charging station) is required (see next page):

- Wall mounted charging station (Wallbox) with Type 2 charging cable, part no. A464548
- Charging cable with 3-phase CEE and Type 2 power plugs, part no. A464547
- Charging cable with Type 2 power plug on both ends, part no. A464549

9 kW on-board charger (includes Type 2 - Schuko 1-phase 230V charging cable) A475136

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e513	e527
✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓

Rapid charging station, e series

The rapid charger speeds up charging of the lithium-ion battery of e513/e527 considerably compared with the standard built-in 3 kW charger. Two models available: 400V/16A charger and the more efficient 400V/32A charger. Charging time of the 16A charger from 10 to 80 % with full current is approx. 1 h 10 min (e513) and 2 h 20 min (e527), with 32A charger around 1 h 10 min (e527). A good way is to charge the battery when there is some 20 % charge left - then charging to 80 %. The rapid charger comes mounted on a stand so that it is easy to move on the work site if necessary. The stand is equipped with Avant quick attach bracket in the rear, forklift brackets in the bottom and lifting lugs on top.

Rapid charging station, 400V/16A (includes stand) A426117*
Rapid charging station, 400V/32A (includes stand) A425411*

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e513	e527
✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓

Standard ✓ Option ✗ Not available

e513 and e527 lithium-ion battery charging

Standard Type 2 charging inlet on loader

Optional DIN 320 3-phase charging inlet on loader, A464123

Standard charging cable with Type 2 and Schuko 1-phase 230V power plugs, max. 3 kW charging. 3 m, A464571

Optional cable with Type 2 power plug on both ends. 5 m, A464549

Optional Charging cable with 3-phase CEE and Type 2 power plugs, 5 m, A464547

Optional Wall mounted charging station (Wallbox) with Type 2 charging cable, A464548

1) Charging with the 3 kW (standard) or 9 kW (optional) on-board battery charger on loader
   - Standard equipment:
     - o Type 2 charging inlet on loader, for charging cables with Type 2 power plug
     - o Charging cable with Type 2 and Schuko 1-phase 230V power plugs: charging from 230V power outlet with 16A or min. 10 A Maximum charging power is 3 kW.
   - Optional equipment:
     - o 9 kW on-board battery charger (A475136), speeds up charging of the lithium-ion battery considerably compared with the standard 3 kW on-board charger. In order to reach the maximum 9 kW charging power, one of the following optional charging cables (or wall mounted charging station) is required:
   - Optional charging cables:
     - o Wall mounted charging station (Wallbox) with Type 2 charging cable – easy and comfortable way to charge the battery, no need for extra cables (Wallbox is not a charger, it contains just the electronics and charging cable - charging happens with the loader's on-board charger).
     - o Charging cable with 3-phase CEE and Type 2 power plugs: connects to 400V 3-phase CEE power outlet, charging with the loader's on-board charger.
     - o Charging cable with Type 2 power plug on both ends, part no. A464549: charging from a public charging station with Type 2 charging.

2) Option: rapid battery charging with the 400V Avant charging stations
   - Speeds up charging of the lithium-ion battery considerably compared with the standard 3 kW on-board charger
   - Requires the optional DIN 320 3-phase charging inlet on loader, for Avant rapid charging stations
   - Avant 400V rapid charging stations: two models, 400V/16A and the more efficient 400V/32A

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e513	e527
✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓

Standard ✓ Option ✗ Not available

General bucket

Avant general buckets are designed so that the operator can see the front edge of the bucket from the driver's seat, which means quick and easy loading and emptying. There are no reinforcement plates inside the bucket which would interfere when loading and emptying, and the sides open forward in a slight angle which guarantees easy and complete emptying of all kinds materials.

Length of the bucket has been optimized in order to give best possible breakout force. Sides open forward in a slight angle which guarantees easy and complete emptying of all kinds materials.

There are narrow holes at the upper end of the bucket which improve visibility and prevent stones from falling towards the operator.

Available with straight edge and with teeth. Teeth protection plate is also available.

Option:
Teeth protection plate 105 cm A417347
Teeth protection plate 115 cm A420132
Teeth protection plate 130 cm A417320

- **All round bucket, suitable for almost every shovelling job**
- **Excellent visibility to the edge of the bucket**
- **No reinforcement plates inside the bucket – easy filling and emptying**
- **High breakout force**
- **Strong cutting edge made of high tensile, abrasion resistant wear steel**

Width	Edge	Volume	Weight	Product no
900 mm	Straight	190 l	62 kg	A36711
900 mm	Teeth	190 l	72 kg	A36716
1050 mm	Straight	150 l	50 kg	A36702*
1050 mm	Straight	240 l	73 kg	A36710
1050 mm	Teeth	240 l	83 kg	A36780
1150 mm	Straight	260 l	78 kg	A36709
1150 mm	Teeth	260 l	91 kg	A36779
1300 mm	Straight	300 l	86 kg	A36698
1300 mm	Teeth	300 l	98 kg	A36778
1350 mm	Straight	310 l	90 kg	A36996
1350 mm	Teeth	310 l	102 kg	A36997

*) A36702 is the general bucket for 200 series 2 – the dimensions and weight match the lift capacity of 200 series 2. Wider general buckets can be used on 200 series 2 as light material bucket.

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	+	+	+	+	+	+	✗	✗	✓	✓	✓	✓	✓	✓	✓

✓ compatible + adaptable ✗ incompatible

Heavy duty general bucket

Avant heavy duty general buckets are available with widths starting from 1300 mm. They are made of stronger materials, they are heavier and have more capacity than standard general buckets. This makes them ideal tools for harder earthmoving and material handling jobs, and the HD buckets are best suited for Avant 600 700 and 800 series.

Other features are the same as on standard general buckets: good visibility to the edge of the bucket, the inside of the bucket is completely plain and the sides open forward in a slight angle which guarantees easy and complete filling and emptying of all kinds of materials.

- **Heavy duty bucket for more demanding earthmoving and and material handling jobs**
- **Excellent visibility to the edge of the bucket**
- **No reinforcement plates inside the bucket – easy filling and emptying**
- **High breakout force**
- **Strong cutting edge made of high tensile, abrasion resistant wear steel**

Width	Edge	Volume	Weight	Product no
1300 mm	Straight	370 l	126 kg	A36713
1450 mm	Straight	420 l	138 kg	A36712
1600 mm	Straight	460 l	150 kg	A36535
1600 mm XL	Straight	600 l	190 kg	A437578

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	+	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	+	✓	✗	✗	✗	✗

✓ compatible + adaptable ✗ incompatible

Light material bucket

Light material buckets are intended for handling of e.g. snow, saw dust, manure, wood chips and other light materials.

The bottom of a light material bucket is considerably longer and the sides are higher than on a general bucket, which speeds up the work a lot. There are no reinforcement plates inside the bucket which would interfere when loading and emptying, and the sides open forward in a slight angle which guarantees easy and complete emptying of all kinds materials.

- **Fast and easy moving of light materials**
- **Excellent visibility to the edge of the bucket**
- **No reinforcement plates inside the bucket – easy filling and emptying**
- **High back of the bucket prevents material from falling over the rear edge and guarantees high volume**
- **Strong cutting edge made of high tensile, abrasion resistant wear steel**

Width	Volume	Weight	Product no
1150 mm	490 l	125 kg	A36715
1300 mm	560 l	135 kg	A36714

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✗	✗	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	+	+	✓	✓	✓	✓	✓	✓	✓

✓ compatible + adaptable ✗ incompatible

XL light material bucket

XL light material bucket is a large capacity bucket, best suited to Avant 600, 700 and 800 series. It is intended for loading and transporting of light materials like wood chips, mulch, snow etc. There are no reinforcement plates inside the bucket which would interfere when loading and emptying, and the sides open forward in a slight angle, which guarantees easy and complete emptying of all kinds of materials and in difficult conditions also.

- **Large volume**
- **No reinforcement plates inside the bucket**
- **Robust design**
- **Intended for bigger Avant loaders**
- **XXL bucket available for 800 series**

Width	Height	Volume	Weight	Product no
1450 mm	870 mm	715 l	185 kg	A458113
1600 mm	880 mm	800 l	200 kg	A458092
1800 mm	880 mm	900 l	218 kg	A458030

XXL light material bucket for 800 series:

Width	Height	Volume	Weight	Product no
1800 mm	1060 mm	1300 l	255 kg	A437601
2000 mm	1060 mm	1450 l	275 kg	A435096

	220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
XL	✗	✗	✗	✗	✗	✗	✗	✗	+	+	+	+	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	+	+	+	+	✓	+	+	+	+
XXL	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	+	+	+	+	+	+	✓	✓	✗	✗	✗	✗	✗	✗	✗

✓ compatible + adaptable ✗ incompatible

4 in 1 bucket

Efficient multi purpose bucket - can be used as a normal bucket as well as a dozer blade, leveler or a grab. The front part of the bucket opens with 2 hydraulic cylinders, located on the back side of the bucket, which enables dozing, levelling and picking of stones, tree stumps etc. Another benefit of the opening bottom is that the bucket can be emptied at a higher level by opening the bottom instead of tipping the bucket edge down.

Available with straight edge or with teeth.

- **All round tool for landscaping and groundcare**
- **A versatile bucket suitable for many different jobs at different stages on the work site**

Edge	Width	Volume	Weight	Product no
straight*	1150 mm	235 l	207 kg	A462542
straight*	1300 mm	270 l	221 kg	A457723
straight	1450 mm HD	300 l	246 kg	A428472
straight	1600 mm HD	330 l	257 kg	A36906
straight	1800 mm HD	370 l	286 kg	A446413
teeth	1450 mm HD	300 l	258 kg	A428508
teeth	1600 mm HD	330 l	267 kg	A37248
teeth	1800 mm HD	370 l	300 kg	A446873

*) bolt-on teeth (product no. A48608, 5 pcs) available as an option

Option:

Teeth protection plate 115 cm	A420132
Teeth protection plate 130 cm	A417320
Teeth protection plate 145 cm	A417321
Teeth protection plate 160 cm	A419977
Teeth protection plate 180 cm	A446914

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✗	✗	+	+	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ compatible + adaptable ✗ incompatible

High tip bucket

High tip bucket is the right choice when you need to reach higher and longer. The bucket is equipped with a hydraulic cylinder that pushes and tips the bucket over its front edge, which gives considerably more tipping height than with a normal bucket.

Max. tipping height on 200 series is 1680 mm, on 400-600 series with telescopic boom about 3100 mm (depending on tyre size), on 700 series about 3500 mm and on 800 series as high as 4000 mm.

- **High tipping height**
- **Excellent for loose and light material loading**

Width	Volume	Weight	Product no
1050 mm	150 l	120 kg	A2631
1280 mm	350 l	160 kg	A2824

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	+	+	✓	✓	✓	✓	✓	✓	✓

✓ compatible + adaptable ✗ incompatible

XL high tip bucket

The XL high tip bucket has more loading volume - very useful when loading light materials. The bucket is an ideal tool for snow removal, loading of wood chips and for loading works on recycling plants etc.

Tipping of the bucket happens with two hydraulic cylinders – this means emptying is easy also with full load in the bucket. There are no reinforcement plates inside the bucket which would interfere when loading and emptying. This means filling the bucket requires less power and all kinds of materials come out of the bucket completely when emptying.

- **Large volume bucket for efficient loading of light materials**
- **Max. tipping height as high as 4 m (with 800 series)**
- **No reinforcement plates inside the bucket - efficient filling and emptying of the bucket**
- **1450 mm bucket suitable also for 500 series**

Width	Volume	Weight	Product no
1450 mm	720 l	270 kg	A36841
1800 mm	900 l	320 kg	A21273

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✗	✗	✗	✗	✗	✗	✗	+	+	+	+	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	+	+	✓	+	+	+	+

✓ compatible + adaptable ✗ incompatible

Grapple bucket

Grapple bucket combines a normal bucket and a grapple and is therefore suitable for a multitude of jobs. It can be used for transporting and loading of branches, wood chips, compost, straw, manure, construction waste etc. It can also be used as a normal bucket with the grapple in the upright position.

- **Versatile bucket for handling of loose materials**
- **Larger XL models with two cylinders intended especially for 700 and 800 series**

Width	Weight	Product no
900 mm	130 kg	A36304
1050 mm	146 kg	A36316
1300 mm	168 kg	A36323

XL grapple bucket for 700 and 800 series:

Width	Weight	Product no
1300 mm	270 kg	A441963
1450 mm	288 kg	A441946
1600 mm	305 kg	A439086

Option:
Side plates, kit, for XL grapple buckets A439112

	220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
Standard	+	+	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	+	+	✓	✓	✓	✓	✓	✓	✓
XL	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	+	+	+	+	+	+	+	+	+	✓	✓	✓	✓	✓	✓	✓	✓	✗	+	+	+	+	+	+

✓ compatible + adaptable ✗ incompatible

Demolition grapple bucket

The demolition grapple bucket with two hydraulic grapples (1300 mm and 1050 mm) or one (900 mm) are strong and versatile attachment for handling of construction and demolition waste.

Versatile bucket with two hydraulic grapples (1300 mm and 1050 mm) or one (900 mm), for demolition and construction

Width	Weight	Product no
900 mm	155 kg	A441014
1050 mm	205 kg	A37465
1300 mm	225 kg	A37535

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✗	✗	+	+	+	+	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ compatible + adaptable ✗ incompatible

Root grapple

The root grapple is widely used in the tree industry, and it works also in other jobs where different types of debris needs to be handled. It is equipped with the same grapples as the demolition grapple buckets, but the bottom part is made of strong steel bars. This allows:

* easy grabbing and handling of branches, tree trunks, rocks or just any type of debris
* tearing roots from the ground
* soil & similar debris to drop to the ground between the bars when handling logs, branches etc. ➔ when feeding wood to the wood chipper the chipper stays cleaner

Two models available: 1300 mm wide with two hydraulically operated grapples, and a narrower 900 mm model with one grapple. The hydraulic cylinders and hoses of the grapples are well protected with metal covers.

- **Versatile attachment for handling of timber and various types of debris**
- **Strong tines make it possible to tear roots from the ground**

Width	Weight	Product no
900 mm	132 kg	A440857
1300 mm	185 kg	A37537

	220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
900	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
1300	✗	✗	✗	+	+	+	+	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ compatible + adaptable ✗ incompatible

Levelling bucket

Avant levelling buckets are built with heavy duty construction in mind. Levelling bucket has a sharp back edge which makes levelling easy when driving backward. Other features include a longer bottom, which enables the driver to see the tip of the bucket perfectly. This also makes levelling easier. The new levelling buckets are stronger and completely plain inside, which makes filling and emptying easier. They are also larger than the earlier models.

- **Excellent visibility to tip of bucket**
- **Sharp back edge enables exact levelling when driving backward**
- **Heavy duty design**
- **Larger XL buckets intended especially for 700 and 800 series**

Width	Volume	Weight	Product no
1450 mm	250 l	175 kg	A36717
1600 mm	280 l	190 kg	A36706
1600 mm XL	590 l	230 kg	A445616
1800 mm XL	665 l	250 kg	A443761

	220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
Std.	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
XL	✗	✗	✗	✗	✗	✗	✗	✗	+	+	+	+	+	+	+	+	+	+	+	+	✓	✓	✓	✓	✓	✓	✓	✓	+	+	+	+	+	+	+

✓ compatible + adaptable ✗ incompatible

Pallet fork

Avant pallet fork is the right attachment for lifting and handling of different types of materials on pallets. Fork width can easily be adjusted thanks to the quick lock mechanism. The forks are made of high tensile forged steel and designed in accordance with the ISO2330 standard.

Avant is an excellent machine for load handling thanks to the precise steering and drive control. Compared with a conventional forklift truck Avant is superior when working outdoors and on terrains, be it winter or summer.

- **Excellent field of vision both to the attachment and to the environment makes working with pallet forks precise and easy**
- **Pallet fork is a useful attachment on construction sites, farms, as well as on the company's yard doing material handling jobs**
- **Can be tilted sideways and rotated with the optional tilt adapters and attachment rotator**

Option:
Bolt on back frame A36346
Rotation support, adjustable A441445
(prevents boxes from falling from the pallet fork when rotating & emptying them with the attachment rotator A424406)

Model	Fork length	Max. load	Weight	Product no
Regular	850 mm	1000 kg	90 kg	A21047
HD	1100 mm	1400 kg	115 kg	A21039
XHD	1200 mm	2000 kg	140 kg	A36589

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ compatible ⊕ adaptable ✗ incompatible

Pallet fork with side shift

Hydraulic fork adjustment on the pallet fork makes it possible to move the forks further apart or closer to each other easily and comfortably from the driver's seat. The forks can also be moved to the left or to the right, making it possible to shift the load to the side of the machine - closer to a wall for example. All functions can be operated from the driver's seat. Pallet fork is equipped as standard with a bolt-on back frame which allows handling of larger loads and protects the driver from falling objects.

- **Hydraulic side shift and fork width adjustment**
- **Bolt-on back frame as standard**
- **Two models available, with 1100 mm or 1200 mm forks, max. load 2000 kg on both**

Model	Standard	XL
Fork length	1100 mm	1200 mm
Max. load	2000 kg	2000 kg
Frame width	1105 mm	1550 mm
Weight	190 kg	225 kg
Product no	A449516	A442071

The optional Opticontrol® is recommended on the loader.

	220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
Std.	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
XL	✗	✗	✗	✗	✗	✗	✗	✗	+	+	+	+	+	+	+	+	+	+	+	+	✓	✓	✓	✓	✓	✓	✓	✓	+	+	+	+	+	+	+

✓ compatible + adaptable ✗ incompatible

Sleeves on pallet forks

There are two types of sleeves available for 1100 mm and 1200 mm long pallet forks. They are pushed on the fork and locked with a bolt.

Nursery sleeves are intended especially for handling larger plants with root balls. The plants stay better on the sleeves than on the forks only, and the risk of damaging the root ball is smaller. The sleeves can be mounted both on the standard 1100 mm and 1200 mm pallet forks and the hydraulic forks, but it is much easier and faster to handle different size plants with the hydraulically adjustable forks.

Bale sleeves allow lifting and handling different (round) bales. They work best on the HD hydraulic pallet forks.

Compatibility: pallet forks A21039, A36589, A36279, A449516, A442071

	Nursery sleeves	Bale sleeves
Length	1356 mm	1325 mm
Weight	57 kg	27 kg
Product no	A444929	A448768

Nursery sleeves

Bale sleeves

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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Skip bucket

The skip buckets are more like skip containers, but can be transported and emptied easily with Avant. The bucket can be equipped with castor wheels as an option. With them the bucket can be moved and filled by hand effortlessly e.g. in horse stables, on factory floors and similar tight situations where driving with the loader is not necessary or possible. A full bucket can then be taken away and emptied with Avant.

- **Replace the waste bins on the site with the skip bucket – loading, transporting and emptying of the bucket is very easy with Avant**
- **Castor wheels available as an option (solid plastic wheels or pneumatic tires)**
- **Supports instead of wheels available as an option - supports raise the rear and lower the front of the bucket by approx. 100 mm, which makes it easier to empty e.g. a wheelbarrow into the bucket**

Width	Volume	Weight	Product no
880 mm	630 l	115 kg	A36588
1280 mm	950 l	145 kg	A36595

Options:
A418506 Castor wheels, 4 pcs (will increase bucket height by 165 mm)
A420800 Castor wheels, pneumatic tires, 4 pcs will increase bucket height by 235 mm)
A420537 Supports, 4 pcs
A421005 Lifting brackets, 4 pcs

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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Jib boom

Avant jib boom is a simple and ingenious attachment: lifting and moving heavier loads in tight situations are not a problem any more when you have this jib boom on your Avant.

The jib boom is equipped with a rotating lifting hook. Maximum lifting height to the tip of the jib boom, with the telescopic boom of the loader extended, is about 4.5 metres (800 series).

- **Economical attachment, suitable for many different lifting jobs**
- **Equipped with a rotating lifting hook**

Lifting point distance from attachment plate	1200 mm
Total length	1300 mm
Width	550 mm
Height	315 mm
Weight	34 kg
Rated max load	500 kg
Product no	A428481

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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Telescoping jib boom

The hydraulically telescoping jib boom is a very efficient and versatile tool in all lifting jobs on the work site. The steplessly extending and retracting boom allows lifting to places that would otherwise be very hard to reach. Compact design with telescoping cylinder inside the boom makes work safe and easy.

The jib boom is equipped with a rotating lifting hook and durable wear pads on the outer boom.

- **Excellent outreach, as much as 3,4 m from the front wheels**
- **Max. lift height with 800 series as high as 5,22 m**
- **Versatile lifting attachment for various load handling jobs**

Max. boom length	1900 mm
Min. boom length	1300 mm
Max. lifting height*	5,22 m
Max load Avant 800 series*	500 kg
Max load Avant 700 series*	400 kg
Max load Avant 600 series*	300 kg
Max load Avant 500 series*	250 kg
Max. outreach*	3,05 m
Weight	110 kg
Product no	A21342

*) Both the telescopic boom of the loader and the jib boom extended to max. outreach.

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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Hydraulic trailer hitch

The hydraulic trailer hitch features hydraulic height adjustment of the 50 mm ball hitch, which makes it easier to connect trailers in varying heights and ground condtions. The hitch is equipped with both 50 mm ball and a towing pin.

Attention: Requires double acting rear auxiliary hydraulics outlet on the loader.

- **Equipped with 50 mm ball hitch/ towing pin**
- **250 mm vertical hitch height adjustment**
- **Hydraulic cylinder equipped with lock valve**
- **Can be mounted on 400-800 series**

Height adjustment	hydraulic, 250 mm
Weight	30 kg
Product no	A36518

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗	✗

✓ compatible ⊕ adaptable ✗ incompatible

Ball hitch on front

An easier way to move trailers, trailer mounted work platforms, boats on trailer etc. on yards. Thanks to the perfect vision to the ball hitch it is very easy to couple a trailer by just driving the ball under the trailer and locking it in the coupling by lifting the boom of the loader.

Equipped with a combined 50 mm ball hitch/towing pin.

- **Easier way to couple to and move trailers etc. with Avant**
- **Best possible field of vision to the trailer enables very precise handling in tight situations**
- **Easy and fast to mount on Avant**

Weight	Product no
34 kg	A35592

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ compatible ⊕ adaptable ✗ incompatible

Beehive mover

Avant beehive mover is intended basically for loading and transporting of beehive boxes, but it can handle other objects like cardboard boxes as well. The mover can carry as many as 12 beehives at a time. It consists of a mast, a pallet fork that is mounted on the lower end of the mast, and a hydraulic grapple at the upper end of the mast which presses the boxes against the pallet fork. The grapple is equipped with rubber pads which hold the beehives firmly but gently.

The beehive mover can be mounted on all Avant loaders, and if the beehives need to be transported longer distances by truck it is easy to take the Avant on the truck as well and unload and move the beehives at the destination.

The grapple can be set to five different heights between 425 – 1365 mm following the height of the load, and the vertical movement of the grapple is 340 mm. Distance between the rubber pads can be set manually to four different widths between 280 - 730 mm. Max. load on the beehive mover is 1000 kg and max. pressing force is 18 kN, which means it can handle other materials that are on pallet as well. Especially lighter boxes and similar objects which don't stay on the pallet without support are easy to hande with the beehive mover.

- **Fast and easy way to load and transport beehive boxes**
- **Can handle also cardboard boxes and similar objects**
- **Mounts on all Avant loaders**
- **Equipped with Avant 850 mm pallet fork A21047**

Max. load	1000 kg
Max. pressing force	18 kN
Pallet fork length	850 mm
Grabbing width	280-730 mm (four widths can be set manually)
Grapple height	425 – 1365 mm (five heights can be set manually)
Grapple cylinder stroke	340 mm
Height	1950 mm
Width	1000 mm
Length	960 mm
Weight	160 kg
Product number	A36935

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ compatible ⊕ adaptable ✗ incompatible

Site toolbox

This robust and versatile toolbox mounts on the attachment coupling plate and can be transported with Avant to the worksite. The flat reinforced cover can be used as a workbench. A screw vice can be also be mounted on the box.

The lid is equipped with gas springs and can be locked with a pad lock. Four lifting lugs are mounted with bolts on the sides. They can also be removed if necessary. The box is also equipped with lifting brackets for forklift.

The box holds all or some of the handheld tools inside. It keeps tools in good order and is easy to lift to the back of a van or to a safe place for the night - an can be locked to Avant also.

- **Spacious, lockable box for e.g. handheld tools**
- **Easy to lift and transport with Avant loader**
- **Flat reinforced cover can be used as a workbench**
- **Can be equipped with a screw vice**

Volume	550 l
Weight	160 kg
Product no	A21689

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
+	+	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ compatible + adaptable ✗ incompatible

Dozer blade 1400

Equipped with hydraulic blade turning, Avant dozer blade is the ideal tool for snow removal, earthmoving and similar jobs where the materials must be dozed away quickly.

Thanks to the more curved blade than on the previous model the new dozer blade 1400 moves material more effficiently to the side. Blade height is the same as before, as well as the extensions and cutting edges. Hydraulic slewing and spring release are standard features also. The new spring release system is equipped with a single spring.

- **Economical dozer blade, well suited for snow removal**
- **Spring release mechanism for improved safety**
- **Two solid skid shoes as standard - reduce blade wear and improve maneuverability**
- **Ice cutting edge and plastic edge available as an option**

Blade width	1400 mm
Slewing angle	±30°
Weight	125 kg
Blade height	380 mm
Product no	A36649

Options:
Extensions 2 x 180 mm (can be mounted straight or in collecting position) A36651,
Ice cutting edge A32315, Ice cutting edge 180 mm on extension A413823,
Plastic edge 1400 mm A32383, Plastic edge 180 mm on extension A48870
Stopper plates, kit (locking of blade's sideways floating) A443915

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	+	+	+	+	+	+	+	+	✓	✓	✓	✓	✓	✓	✓

✓ compatible + adaptable ✗ incompatible

Dozer blade 2000/2500

Equipped with hydraulic blade turning, Avant dozer blade is the ideal tool for snow removal, earthmoving and similar jobs where the materials must be dozed away quickly. Dozer blade 2000/2500 features a completely new design. The blade is higher and more curved than earlier and moves material more efficiently to the side. Hydraulic slewing, spring release and skid shoes are standard equipment like before. So are the turnable 2x310 mm extensions which can be mounted in straight or collecting position. The completely new floating system allows the blade to float vertically, which makes working on uneven surfaces considerably easier and more efficient. The blade can also float sideways ± 10°. The floating system can be adjusted manually in three different positions:

1) Free floating – both vertically and sideways

2) Sideways floating ± 10° only, without vertical floating

3) Rigid position – both vertical and sideways floating locked with bolts

- **Two solid skid shoes which reduce blade wear and improve maneuverability**
- **Robust construction, with spring release mechanism designed for professional use**
- **Turnable extensions as standard, can be mounted in collection position or straight**
- **Support wheels, instead of skid shoes, available as an option - keep working height more constant when working on sensitive surfaces**

Options Dozer blade 2000:
A417437 Ice cutting edges, kit, for main blade and extensions
A417441 Plastic edges, kit, for main blade and extensions
A417345 Support wheels, 2 pcs

Options Dozer blade 2500:
A417729 Ice cutting edges, kit, for main blade and extensions
A417672 Plastic edges kit, for main blade and extensions
A417345 Support wheels, 2 pcs

Model	2000	2500
Blade width	1390 mm main blade + 2x310 mm bolt-on extensions	1840 mm main blade + 2x310 mm bolt-on extensions
Slewing angle	±30°	±30°
Weight	215 kg	232 kg
Blade height	590 mm	590 mm
Product no	A36123	A36251

	220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
2000	✗	✗	✗	+	+	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2500	✗	✗	✗	✗	✗	✗	+	+	+	+	+	+	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	+	+	✓	+	+	+	+

✓ compatible + adaptable ✗ incompatible

Snow plow

Avant snow plow is a versatile attachment for snow removal. It consists of two independently hydraulically adjustable blades. Angle of the blades is be adjusted with a switch from the driver's seat. Both blades have a spring release mechanism in the lower part of the blade to prevent any sudden stop should the blade hit an obstacle. The floating mechanism on the mounting bracket guarantees that the blade follows ground as well as possible.

The snow plows feature:

- Vertical floating system
- Well curved blade – moves snow efficiently to the side
- Support legs with skid shoes as standard
- Curved flat cutting edge with standard 305 mm hole distance; made of high tensile, abrasion resistant wear steel

- **Versatile snow removal tool for professional use**
- **Two independently controllable blades: can be adjusted in straight, V or Y position**
- **Advanced floating system allows working on uneven surfaces as well**

Model	V1600	V1800	V2400
Blade width	1310-1600 mm	1510-1840 mm	2020-2450 mm
Total width (with curved end flat edge/ice scraper blade)	1370-1660 mm	1570-1900 mm	2080-2510 mm
Blade turning angle	±35°	±35°	±35°
Weight	210 kg	330 kg	390 kg
Blade height	736 mm	770 mm	770 mm
Product no	A451470	A36795	A36796

The optional Opticontrol® is required on the loader if blades wanted to be controlled independently (requires also 6 or 8 function joystick on the loader).

Option:

Ice scraper edges, kit, snow plow V1600	A453070
Ice scraper edges, kit, snow plow V1800	A36817
Ice scraper edges, kit, snow plow V2400	A36818
Plastic edges, snow plow V1600	A453068
Plastic edges, snow plow V1800	A37173
Plastic edges, snow plow V2400	A37171
Outline marker lamps, kit	A466539

	220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
V1600	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	+	+	+	+	+	+	+	+	✓	✓	✓	✓	✓	✓	✓
V1800	✗	✗	✗	✗	✗	✗	+	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
V2400	✗	✗	✗	✗	✗	✗	✗	✗	+	+	+	+	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	+	+	✓	+	+	+	+

✓ compatible + adaptable ✗ incompatible

Flipper bucket

Flipper bucket is designed for clearing snow in large areas or in areas where snow must be moved long distances. Thanks to the two hydraulically operated side wings the bucket is exteremely versatile in snow clearing and can be operated in smaller areas as well without problems.

With the flipper bucket you can move a very large quantity of snow in one push. Because the wings fold out slightly forward from the sides, you can push 2-3 times the capacity of the bucket between the wings. With the optional Opticontrol® the two wings can be turned independently or simultaneously. This makes the bucket easy to control also in narrow or tight areas.

- **Large volume bucket**
- **Two models: 1350 mm and 1800 mm with 560 l and 800 l capacity respectively**
- **Equipped with two hydraulically operated side wings**
- **Max. working width over 3 m (1800)**
- **With the optional Opticontrol® the two wings can be turned independently or simultaneously**

Option:

Ice scraper edges, kit, bucket 1350	A452317
Ice scraper edges, kit, bucket 1800	A436345
Wear plates, kit, bucket 1350	A452513
Wear plates, kit, bucket 1800	A435499

Model	1350	1800
Volume	560 l	800 l
Width	1350 - 2655 mm	1800 - 3010 mm
Weight	342 kg	380 kg
Product no	A452096	A435885

The optional Opticontrol® is required on the loader if wings wanted to be controlled independently (requires also 6 or 8 function joystick on the loader).

	220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
1350	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	+	✓	✓	+	+	+	+
1800	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓	✓	+	+	+	+

✓ compatible + adaptable ✗ incompatible

Zoom snow plow

This new type snow plow is equipped with a straight main blade and two wings which can be extended and retracted steplessly, powered by two hydraulic cylinders. This gives several different working widths and makes the snow plow very versatile. The plow is also equipped with hinged end plates which can be turned down on the ground. This allows fast and efficient snow collecting. When the end plates are turned up over the blade the plow works as conventional dozer blade and moves snow quickly to the side – and is narrower as well. The end plates are spring loaded which means they follow the contours of the ground well.

Zoom snow plow requires the optional Opticontrol® on the loader. Extension and retraction of the wings and turning of the blade are operated with the switches of the switch pack. The wings can be extended one at a time or both at the same time. Working width is steplessly adjustable between 1,35 – 2,35 m. The telescoping tubes of the side wings are equipped with maintenance free wear pads. There is also a safety bolt for blade release at the top link, however as the blade is vertical it doesn't get stuck easily but rather jumps over obstacles.

The strong mounting frame of the zoom snow plow is equipped with a 135 mm vertical and a ± 7,5° horizontal floating. The blade can also be turned ± 30° hydraulically (with two cylinders) and is equipped with spring release which allows the blade to tilt forward and jump over an obstacle - after that the blade returns automatically to working position. Ice cutting edge is standard equipment.

Option:

Ice scraper edges, kit	A437890
Straight cutting edge	A437891
Rubber edge	A431475

- **Hydraulically extendable dozer blade allows snow removal also in smaller yards, on parking lots etc.**
- **Equipped with two wings which can be extended and rectrated independently or both at the same time**
- **Hinged, foldable end plates for efficient snow collecting and moving**
- **Hydraulic turning ± 30°, spring release of the blade, and 135 mm vertical & ± 7,5° horizontal floating**

Working width	1350-2350 mm
Max width	1460-2460 mm
Max length	993 mm
Blade turning angle	±30°
Vertical floating	135 mm
Horizontal floating	±7,5°
Weight	392 kg
Product no	A450707

The optional Opticontrol® is required on the loader. (requires also 6 or 8 function joystick on the loader).

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓	✓	+	+	+	+

✓ compatible + adaptable ✗ incompatible

U plow

U plow is a professional tool for fast and efficient snow removal. It consists of a 1,83 m wide main blade and two side blades which can be turned ± 85° hydraulically. This allows access through narrow gates and yards, and on the other hand the max. 3 m working width with the side blades extended guarantees fast cleaning of larger areas. Collecting and pushing of large amounts of snow is also easy with the side blades turned into "U" position.

The plow is equipped with strong springs which allow the blade to give in backward in case it hits and obstacle, like a lid of well. In this case the plow jumps over the obstacle and the spring returns the blade back to plowing position. The plow is also equipped with ±7,5° horizontal floating and two skid shoes as standard. There are also four round reflectors on the edges of the main blade and the side blades.

Minimum working width is 1,6 m with the side blades turned completely to the back, and max. 3 m with side blades straight. Turning of the plow happens with two hydraulic cylinders; turning angle is ±35°. Side blades can be turned independently or simultaneously with the switches of the optional Opticontrol® attachment control switch pack. The plow is equipped with an ice scraper cutting edge as standard, straight cutting edge is available as an option. In addition, an outline marker lamp kit (4 pcs lamps on the edges of the main blade and the side blades) is available as on option instead of the standard round reflectors.

Option:

Straight cutting edge, kit	A442738
Plastic edges, kit	A451877
Outline marker lamps, kit	A442768

- **Versatile snow plow for professional use**
- **Equipped with two side blades with ± 85° hydraulic turning**
- **Spring loaded blade gives in and the plow jumps over an obstacle in case of contact**
- **Variable working width 1,6 – 3 m allows working also on narrow driveways, yards etc.**
- **Ice scraper cutting edge as standard, straight edge and plastic edge available as an option**

Working width	1600 - 3000 mm
Total width	3107 mm
Length	1133 mm
Blade height	750 mm
Weight	599 kg
Plow turning angle	±35°
Side blade turning angle	±85°
Standard cutting edge	ice scraper edge
Product no	A438439

The optional Opticontrol® is required on the loader.

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗

✓ compatible ⊕ adaptable ✗ incompatible

Ice rink scraper blade

The ice rink scraper blade is destined only for maintenance of ice hockey and skating rinks. Thanks to the large 3000 mm working width and hydraulic turning of the blade cleaning of the rink is fast and easy. The sharp and curved blade moves away the ice and snow quickly and efficiently.

- **Fast and easy ice and snow removal on ice hockey and skating rinks**
- **Rubber roller bumper at the right end of the blade protects the blade and the rink when working close to the wall of the ice hockey rink**
- **Large 3000 mm working width**
- **Hydraulic blade turning ±30°**

Width	3000 mm
Height	722 mm
Length	775 mm
Blade turning	±30°
Weight	145 kg
Product no	A37346

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✓	✓	✓	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ compatible ⊕ adaptable ✗ incompatible

Snow blower

Avant snow blower is an efficient snow removal tool with advanced technology. The frame and discharge chute are designed so that there are as little as possible passive surfaces which would prevent snow movement. This open design means efficient snow blowing – the feeding auger eats the snow quickly and easily and moves it to the impeller which throws the snow out through the discharge chute. Thanks to this design the blower works well both with dry and wet snow and clears compacted snow banks also. The feeding auger is made of wear-resistant Hardox steel.

The blower is equipped with two hydraulic motors: one for the auger and one for the discharge impeller. The new type hydraulic motor on the impeller improves the efficiency of the blower considerably. Snow discharge can be directed accurately: the discharge chute can be rotated 260° electrically, operated from the driver's seat. Throwing height can be adjusted manually, electric throwing height adjustment is available as an option and requires the optional Opticontrol® on the loader.

In the picture, side extensions

Option:

Side extensions (increase the working width by 20 cm)	A452678
Electric throwing height adjustment	A430172
Plastic (polyurethane) cutting edge kit 1150 mm	A452656
Plastic (polyurethane) cutting edge kit 1500 mm	A452668

- **Efficient high volume snow blower**
- **Works well both with dry and wet snow**
- **Electric 260° discharge chute rotation as standard**
- **Exact snow discharge**
- **Manual throwing height adjustment as standard, electric adjustment available as an option**

Model	1150	1500
Working width	1150 mm	1500 mm
Total width	1215 mm	1580 mm
Frame height	680 mm	680 mm
Auger diameter	460 mm	460 mm
Chute rotation	260°	260°
Oil flow range	45 l/min	60 l/min
Weight	246 kg	296 kg
Product no	A434731	A428062

The optional Opticontrol® is recommended on the loader. If the snow blower is equipped with the electric throwing height adjustment, it is required.

	220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	635*	640	640*	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	R35*	e5	e6	e513	e527
1150	✓	✓	✓	✗	✗	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	+	+	+	+	+	+	+	+	✓	✓	✓	+	+	+	+	+
1500	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	+	✓	+	✓	+	✓	✓	✓	✓	+	✓	✓	✓	✓	✓	✓	✓	✗	✗	✓	+	✗	✗	✗	✗

✓ compatible + adaptable ✗ incompatible

*) With Stage V Kubota V1505 engine

Rotary broom

Avant rotary broom is an efficient and easy to use attachment for various cleaning jobs. Three working widths available, 1100, 1500 and 2000 mm. The 1500 and 2000 mm brooms are equipped as standard with turning which is powered by electric actuator motor. This means turning of the broom is easily and comfortably operated with a switch from the driver's seat.

The floating mechanism features as standard the brush resting on its bristles and the whole brush axle is floating freely. This guarantees a noise free float for the brush and a lot of movement space, making sweeping easier. Support wheels are available as an option, for working on sensitive surfaces. The optional rubber lip is intended for snow removal: it limits and directs the snow spray. The broom is equipped with supports which can be extended when the broom is not in use, so that the broom rests on the supports and the nylon brush doesn't get damaged during storage.

- **Professional sweeper with manual or electric turning**
- **Free floating broom allows big vertical movement and guarantees excellent sweeping result**
- **Equipped with extendable supports for storage: nylon brush doesn't get damaged during storing**

Model	1100	1500	2000
Broom width	1100 mm	1500 mm	2000 mm
Total width	1370 mm	1770 mm	2270 mm
Boom diameter	550 mm	550 mm	550 mm
Turning	manual	electric	electric
Turning angle	± 25°	± 25°	± 25°
Oil flow range	20-35 l/min	20-40 l/min	20-50 l/min
Weight	170 kg	200 kg	260 kg
Product no	A36067	A35284	A35583

The optional Opticontrol® is required on the loader for electric turning.

Option:

Electric turning for rotary broom 1100 mm	A36112
Support wheels for rotary broom	A35760
Rubber lip, rotary broom 1100	A438900
Rubber lip, rotary broom 1500	A438874
Rubber lip, rotary broom 2000	A438914

	220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
1100	✓	✓	✓	✗	✗	+	✓	✓	✓	✓	✓	✓	✓	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	✓	✓	+	+	+	+	+
1500	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	+	+	+	+
2000	✗	✗	✗	✗	✗	✗	✗	✗	+	+	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	+	✓	✓	✗	✗	✗	✗

✓ compatible + adaptable ✗ incompatible

Snow broom

The snow broom is intended for snow removal on sidewalks, parking lots, and more. It features the 550 mm nylon brush and hydraulic motor as the original rotary broom without the vertical floating in the mounting frame. Instead, the brush is supported by two support wheels with solid tires. The height of the support wheels can be adjusted with the nylon spacers on the yoke of the wheel.

There are there models available: 1100 mm, 1500 mm or 2000 mm in working width. The 1500 and 2000 models are equipped with ±5° sideways floating for better handling and contact with the ground, not required on the 1100 broom. Hydraulic brush turning ±30° is standard on all models.

- **Powerful rotary broom for efficient snow removal on sidewalks, yards, parking lots etc.**
- **Equipped with two adjustable support wheels with solid tires for easy moving and turning**
- **Hydraulic ±30° brush turning as standard**
- **Three different working widths available to suit any Avant loader**

Model	1100	1500	2000
Broom width	1100 mm	1500 mm	2000 mm
Total width	1390 mm	1790 mm	2290 mm
Turning angle	±30°	±30°	±30°
Height	625 mm	625 mm	625 mm
Length	1100 mm	1100 mm	1100 mm
Oil flow range	20-35 l/min	25-40 l/min	35-50 l/min
Weight	170 kg	194 kg	216 kg
Product no	A454767	A457611	A457678

	220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
1100	✓	✓	✓	✗	✗	+	✓	✓	✓	✓	✓	✓	✓	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	✓	✓	+	+	+	+	+
1500	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	+	+	+	+
2000	✗	✗	✗	✗	✗	✗	✗	✗	✗	+	+	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	+	✓	✓	✗	✗	✗	✗

✓ compatible + adaptable ✗ incompatible

Collecting broom

The collecting broom is designed for sweeping hard surfaces such as asphalt, concrete, tiling and paving. It is an excellent attachment for cleaning yards, sidewalks, parking lots etc. Two working widths available: 1100 and 1500 mm. The broom is equipped with three support wheels and with Optifloat® quick attach system which allows both vertical and sideways floating of the broom and guarantees efficient sweeping also on uneven surfaces. Two indicator arrows on the Optifloat® quick attach bracket make adjustment of the floating very easy. Broom height can be adjusted manually, to compensate wear of the nylon bristles.

Collector box is mounted in front of the broom. Emptying of the box is hydraulic. Water spraying system for dust binding and one side brush are available as an option.

Options:
Water spraying system, with 60 l water tank A37431
Side brush (one side brush possible) A35698
(Water spraying system and side brush not available for 200 series)
The optional Opticontrol® is recommended on the loader with water spraying system

- **Equipped with Optifloat® → works well on uneven surfaces as well**
- **Broom height can be adjusted manually**
- **Collector box with hydraulic emptying in front of the broom**

Model	1100	1500 New
Broom width	1100 mm	1500 mm
Total width	1375 mm	1775 mm
Broom diameter	500 mm	500 mm
Collector box volume	80 l	110 l
Water tank volume	60 l	60 l
Oil flow range	28 l/min	35 l/min
Weight without side brush	286 kg*	324 kg*
Weight with 1 side brush	340 kg*	386 kg*

*) without water spraying system
Product no:
A36883 Collecting broom 1100
A426231 Collecting broom 1100 + side brush + water spraying system
A465821 Collecting broom 1500
A465948 Collecting broom 1500 + side brush + water spraying system

	220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
1100	✓	✓	✓	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	✓	✓	+	+	+	+	+
1500	✗	✗	✗	✗	✗	✗	+	+	+	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	+	+	+	+

✓ compatible + adaptable ✗ incompatible

Collecting broom 1500

The collecting broom 1500 is mainly intended for professional property maintenance companies, cities and municipalities. The broom has a heavy duty construction, floating brush axle, automatic brush wear compensation and a specially designed water spraying system for dust binding.

The broom is also well enclosed all around the main brush. This gives a better collection result, especially when turning with the machine. Another benefit from the enclosed construction is less dust formation.

The broom is equipped with three support wheels and with Optifloat® quick attach system which allows both vertical and sideways floating of the broom and guarantees efficient sweeping also on uneven surfaces. Two indicator arrows on the Optifloat® quick attach bracket make adjustment of the floating very easy.

Option:
Side brush A35698 (one or two possible)
Water spraying system A35642
The optional Opticontrol® is recommended on the loader with water spraying system

- **HD collecting broom, intended mainly for professionals**
- **Floating brush axle and automatic brush wear compensation**
- **Large 200 l collector box**

Broom width	1500 mm
Total width	1800 mm
Boom diameter	550 mm
Box emptying	Hydraulic (with two cylinders)
Box volume	200 litres
Water tank volume	120 litres
Oil flow range	50-60 l/min
Weight without side brush	425 kg (without water spraying system)
Weight with 1 side brush	450 kg
Weight with 2 side brushes	475 kg

Product no	Side brush	water spraying system
A35602	no	no
A35918	1 brush	no
A35919	1 brush	yes

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	+	+	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	+	✓	✗	✗	✗	✗

✓ compatible + adaptable ✗ incompatible

Bucket broom

Bucket broom collects the waste in a large bucket shaped box. The broom gives best sweeping result when reversing, but it also works when driving forward. Forward sweeping is especially recommended when the waste is larger in dimensions, for instance construction waste, beverage cups, tree leaves etc.

The bucket broom is equipped with a floating mechanism which allows the bucket lip to rest against ground freely. This means that the loader must not necessarily be equipped with boom floating when working with the bucket broom. Emptying of the collector happens by first lifting the broom up hydraulically, after that the collector box can be emptied by tilting it down like a normal bucket. Brush axle is equipped with a simple quick locking system for adjusting the sweeping height.

Water spraying system for dust binding is also available. It minimizes dust build up when brushing dry waste.

Option:
A35956 Water spraying system for Bucket broom 1100
A35807 Water spraying system for Bucket broom 1500
A436108 Rubber blade brush for Bucket broom 1100
A433868 Rubber blade brush for Bucket broom 1500

- **Excellent sweeping result when driving backwards**
- **Suitable for collecting larger waste as well**
- **Large bucket shaped collecor box**
- **Quick, hydraulic emptying**
- **Rubber blade brush available as an option, for collecting horse manure and similar material**

Model	1100	1500
Broom width	1100 mm	1500 mm
Total width	1356 mm	1764 mm
Box volume	370 l	500 l
Boom diameter	500 mm	500 mm
Water tank volume	120 l	120 l
Oil flow range	20-35 l/min	40 l/min
Product no	A35945	A35689
Product no. with water spraying system	A36023	A36024

The optional Opticontrol® is recommended on the loader with water spraying system

	220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
1100	✗	✗	✗	+	+	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	+	+	+	+	+	+	+	+	✓	✓	✓	+	+	+	+
1500	✗	✗	✗	✗	✗	✗	✗	✗	+	+	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	+	✓	✓	✗	✗	✗	✗

✓ compatible + adaptable ✗ incompatible

Push broom

The updated push brooms feature stronger bristles and a new layout: the broom consists of individual brush strips installed in five rows, which means they can be easily replaced if necessary.

Thanks to this design the push broom is well suited for sweeping of both hard surfaces and also for e.g. arborists, for cleaning the branches and leaves and similar debris from lawns and yards: by removing the brush strip in the middle there is more room for lighter but larger material.

Available as and option are short side brushes which mount on each end of the broom. They give the push broom "U" shape which means the debris cannot escape to the side.

There are several ways to attach the push broom on the loader. Standard way is to mount it on the attachment coupling plate of the loader. It is also possible to grab the broom with the root grapple, by first removing the standard mounting frame on the broom.

In addition, there are adapters available which allow grabbing the broom with silage fork and XL silage grab, or with timber grabs with rotator. This makes working faster: for shorter sweeping jobs it is not necessary to take off the silage fork or timber grab from the loader.

- **Economical and simple broom – consists of brush strips mounted in five rows**
- **No rotating parts → less dust when sweeping**
- **Well suited for all round sweeping, also for e.g. arborists for wood waste cleaning**
- **Side brushes and adapters for silage forks and timber grabs with rotator available as an option**

Width	1200 mm	1500 mm	2000 mm
Weight	53 kg	60 kg	72 kg
Product no	A449770	A437121	A447153

Option:

Side brushes	A447166
Adapter for silage forks	A447080
Adapter for timber grab with rotator	A449113

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ compatible ⊕ adaptable ✗ incompatible

High pressure washer

The high pressure washer makes your Avant a moving washing unit – it is a powerful street cleaner, and you can wash your loader, equipment, car etc. easily and efficiently as well.

The washers combine low water consumption and high water flow and pressure. High pressure water takes dust, sand and debris out of asphalt, concrete and similar surfaces and doesn't therefore emit dust after drying. Low water consumption makes it possible to clean larger areas with a single pass.

The washer series features three models with different water tank volumes: 280 l on model S, 560 l on model M and 840 l on model L. All washers are equipped with both a turnable nozzle bar for street cleaning and a handheld washing gun with 20 m hose roll.

Max. water flow and pressure on models S and M are as high as 30 l/min and 200 bar, and on the largest model L the 50 l/min max. water flow and 220 bar pressure make it a very efficient street cleaning machine on Avant 700 series.

Nozzle bar turning is hydraulic on models M & L, operated from the driver's seat. Model S is equipped with manual turning.

- **Efficient high pressure washers, equipped with both a nozzle bar for street cleaning and with a handheld washing gun**
- **Three models: S, M and L with water tank volumes of 280 l, 560 l and 840 l respectively**
- **Models M & L equipped with hydraulic nozzle bar turning for professional street cleaning**

Model	S	M	L
Max. water flow	30 l/min	30 l/min	50 l/min
Max. water pressure	200 bar	200 bar	220 bar
Water tank volume	280 l	560 l	840 l
Working width	1500 mm	1800 mm	2000 mm
Nozzles	8 pcs	9 pcs	9 pcs
Oil flow range	40 l/min	40 l/min	70 l/min
Weight	95 kg	228 kg	277 kg
Product no	A37012	A37013	A37014

The optional Opticontrol® is recommended on the loader with hydraulic turning on models M & L.

	220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗	✗
M	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗	✗
L	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	+	+	+	+	+	+	+	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗	+	✗	✗	✗	✗

✓ compatible + adaptable ✗ incompatible

Artificial turf maintenance brush

The brush is intended for the daily and weekly maintenance of artificial turf fields. It does not limit or prevent the use of the artificial turf attachment ATA1200, because ATA1200 is intended for monthly maintenance of the field.

The main function of the maintenance brush is to brush up the compacted field's fibers in order to make the field softer again. It also distributes the infill (rubber, cork or sand) evenly so that the field stays softer longer time as well. It is equipped with a floating attachment bracket which makes sweeping easier and boom floating on the loader is not necessary.

- **Efficient and economical daily and weekly maintenance with a 3 m wide brush**
- **Three-phase brushing with three brushes: straight-angle-straight**
- **Floating quick attach bracket**
- **Not intended for deep cleaning of artificial turf fields**

Working width	2925 mm
Total width	3032 mm
Length	1300 mm
Weight	135 kg
Product no	A37058

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✓	✓	✓	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ compatible ⊕ adaptable ✗ incompatible

Sand spreader 1000 & 1250

The hydraulic sand spreaders feature bucket type design and are front mounted as standard, which allows loading from ground level in the same way as with normal bucket. Spreading amount can be adjusted with a lever, located on the side of the spreader. There is also a rubber blade which prevents the sand from coming out by itself. The spreaders are also equipped with a mixing shaft which prevents the sand from clogging, and two support legs. Rear mounting is possible on model 1000 on 528, 530, 600, 700 and 800 series – either on the designated attachment mounting plate or on the hydraulic rear lift of 700 and 800 series. Rear mounting requires the optional rear auxiliary hydraulics outlet on the loader, and also the optional control switch pack for rear mounted attachments if the spreader is mounted on the 700/800 series hydraulic rear lift.

- **Hydraulic spreaders with bucket type design, front mounted as standard**
- **Rear mounting possible on 528, 530, 600, 700 and 800 series**
- **Robust design, well suited for professional use**
- **Easy adjustment of spreading amount with a lever**
- **Equipped with two support legs**

Options:
A429959 Rear lights
(require the optional 7-pin trailer socket on the loader)
A37315 Mounting plate for 200 series, increases tilting angle by 30°
A455026 Rear mounting plate, 528/530 & 600 series
A441613 Rear mounting plate 700 series
A441666 Rear mounting plate 800 series
A427547 Hydraulic rear lift 700 series
A438490 Hydraulic rear lift 800 series

Model	1000	1250
Working width	1000 mm	1250 mm
Volume	315 l	390 l
Total width	1167 mm	1421 mm
Length	866 mm	866 mm
Height	805 mm	805 mm
Oil flow range	20-30 l/min	20-30 l/min
Weight	182 kg	210 kg
Product no	A454455	A454499

	220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
1000	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	+	+	+	+
1250	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	+	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	+	+	+	+

✓ compatible + adaptable ✗ incompatible

Sand spreader 1500 & 2000

The hydraulic sand spreaders 1500 and 2000, with volumes of 640 l and 850 l respectively, are intended for 700 and 800 series – the larger 2000 model for 800 series only. They are front mounted only and feature bucket type design which allows loading like with a normal bucket. As standard, spreading amount can be adjusted with a lever, located on the side of the spreader. Electric spreading amount adjustment is available as an option. The spreaders are also equipped with a mixing shaft which prevents the sand from clogging and a rubber blade under the spreading shaft which prevents the sand from coming out by itself. Two support legs for free standing are standard equipment as well. A durable cover to protect from moisture and spillage is available as an option.

- **Hydraulic spreaders with bucket type design, front mounted only**
- **Robust design, well suited for professional use**
- **Spreading shaft made of durable Hardox steel**
- **Mixing shaft which prevents the sand from clogging**
- **Easy adjustment of spreading amount with a lever or optional electric spreading amount adjustment**
- **Two support legs**

Model	1500	2000
Volume	720 l	965 l
Working width	1500 mm	2000 mm
Total width	1682 mm	2182 mm
Height	1052 mm	1050 mm
Length	1045 mm	1045 mm
Oil flow range	20-30 l/min	25-35 l/min
Weight	340 kg	408 kg
Product no	A458004	A457676

Options:
A460233 Cover, sand spreader 1500
A459651 Cover, sand spreader 2000
A457917 Electric spreading amount adjustment

	220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
1500	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗
2000	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✗	✗	✗	✗	✗	✗	✗

✓ compatible ⊕ adaptable ✗ incompatible

Centrifugal sand / salt spreader

Centrifugal sand or salt spreader is the right choice for winter maintenance of large areas. Both the spreading area (2 to 6 meters) and the spreading amount can be adjusted either manually (standard) from the side of the spreader - or electrically from the driver's seat (option). This guarantees fast and efficient spreading.

- **Fast spreading on large areas**
- **Spreading width and amount adjustable: manual adjustment as standard, electric adjustment available as an option**
- **Rear mounting also possible, on 700 and 800 series**

Spreading width	0,8-6 m
Volume	250 l
Max. load	500 kg
Oil flow range	30-40 l/min
Weight	130 kg
Product no.	A21183

Rear mounting is also possible on 700 and 800 series, on the optional attachment mounting plate A441613/A441666 or on the hydraulic rear lift. It requires the optional auxiliary hydraulics outlet in the rear. If electric spreading amount and width adjustment is fitted, also the optional attachment control switch pack for rear mounted attachments must be installed.

Option:
Electric spreading amount and width adjustment* A37301
* The loader must be equipped with the optional Opticontrol®
Hook agitator (for fine sand and salt) 65851
Chain vibrator/agitator (for gravel and gravel/salt mix) 66378
Road traffic light kit* (for rear mounted spreader) A441253
*) Requires the optional 7-pin trailer socket A418817 on the loader

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✗	✗	✗	✗	✗	+	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	+	+	+	+

✓ compatible + adaptable ✗ incompatible

New

Electric salt spreader

The electric powered salt spreader features a traditional bucket design and can be mounted on the front or rear of the loader. To avoid salt dust corrosion on the loader, rear mounting is recommended. The spreader is made of hot-dipped galvanized steel and the shaft of stainless steel.

The spreader is powered by a 12V electric motor and is operated with switches on the optional control switch pack as follows: the recommended rear mounting requires the optional A453712 control switch pack for rear mounted attachments for 12V supply to the spreader. Front mounting requires the optional Opticontrol® for 12V supply. Rear mounting is possible on the 528, 530, 600,700, and 800 series models - either on the designated rigid attachment mounting plate, or on the hydraulic rear lift on 700 and 800 series loaders.

- **Electric powered spreader with bucket type design**
- **Robust design, made of hot-dipped galvanized steel, with stainless steel shaft**
- **Rear mounting possible on 528, 530, 600, 700 and 800 series, recommended to avoid salt dust on the loader**

Option:
A429959 Rear lights (require the optional 7-pin trailer socket on the loader)
Optional mounting plates on the loader:
A455026 Rear mounting plate, 528/530 & 600 series
A441613 Rear mounting plate 700 series
A441666 Rear mounting plate 800 series
A427547 Hydraulic rear lift 700 series
A438490 Hydraulic rear lift 800 series

Working width	1000 mm
Volume	170 l
Total width	1165 mm
Length	630 mm
Height	655 mm
Weight	120 kg
Product no	A454073

Rear mounting (recommended) requires the optional A453712 control switch pack for rear mounted attachments on the loader. Front mounting requires the optional Opticontrol® on the loader.

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✗	✗	✗	✗	✗	+	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	+	+	+	+	+	+	+	+	+	✓	✓	+	+	+	+

✓ compatible + adaptable ✗ incompatible

Towable sand / salt spreader

The towable sand / salt spreader is a very handy and economical attachment for winter maintenance of yards and walkways. Power to the spreader shaft is taken mechanically from the wheels. Wheels are equipped with a clutch which allows transporting without sand spreading. Equipped with a 50 mm trailer coupling.

ATTENTION! The loader must be equipped with a trailer coupling.

- **Economical spreader, quick to attach on the trailer coupling**
- **Mechanical power take off from the wheels – no need for rear auxiliary hydraulics**
- **Includes a durable rain cover to protect from moisture and spillage**

Spreading width	1000 mm
Width	1500 mm
Volume	230 l
Weight	85 kg
Operation	Mechanical
Product no	A415430

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ compatible + adaptable ✗ incompatible

Vacuum brush

The vacuum brush is intended mainly for collecting of tree leaves in parks, lawns, yards etc. The powerful vacuum unit sucks the waste first into the vacuum on the bottom of the collector box and then into the box, compacting everything into a tight package. The mouthpiece on the vacuum is equipped with a 1300 mm wide rotary brush which loosens also more compacted and wet leaves and waste. Brush rotation speed can be adjusted steplessly.

The collector box is mounted on top of the vacuum unit. It is equipped with large transparent plastic windows so that you can easily monitor how the box is filling up. The box is emptied by opening the lid (powered by a hydraulic cylinder) from Avant's driver seat and by lifting the boom the collected waste can be tipped into a container, skip etc.

- **Efficient leaf collector**
- **Large volume collector box allows fast collecting**
- **Equipped with Optifloat® -system, works well on uneven surfaces**
- **Fast and easy floating adjustment with indicator arrows on the Optifloat®**
- **Easy emptying thanks to hydraulic lid opening from Avant's driver seat**

Working width	1300 mm
Total width	1590 mm
Collector box volume	800 l
Length	1540 mm
Height	1190 mm
Oil flow range	45-60 l/min
Weight	435 kg
Product no	A428800

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗	✓	✗	✗	✗	✗

✓ compatible ⊕ adaptable ✗ incompatible

Leaf blower

With the leaf blower you can easily and quickly move away large amount of leaves from lawns, yards, sidewalks etc. The hydraulic motor powered blower is very efficient and the big tiltable nozzle blows the leaves away from a large area.

The leaf blower is equipped with electric rotation which allows pointing of airflow exactly to desired direction. Rotation angle is 90° to the left and 145° to the right from the straight forward pointing direction – 235° altogether. Vertical adjustment of the nozzle is manual as standard; stepless electric adjustment is available as an option.

- **Efficient hydraulic motor powered leaf blower**
- **Electric 235° rotation as standard**
- **Manual nozzle adjustment as standard – electric adjustment available as an option**

Length	560 mm
Width	682 mm
Height	406 mm
Nozzle width	218 mm
Rotation angle	235°
Max air flow	2360 m³/h
Max air speed	103 m/s
Oil flow range	20-30 l/min
Weight	85 kg
Product no	A442927

The optional Opticontrol® attachment control switch pack is recommended on the loader, for operating the electric rotation of the leaf blower. If the blower is equipped with the optional electric tilt of nozzle, Opticontrol® is required on the loader.

Option:
Electric nozzle adjustment A430172

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
+	+	+	✕	✕	✕	+	+	+	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ compatible + adaptable ✕ incompatible

Leguan 50 access platform

Avant and its daughter company Leguan Lifts have joined their forces and created an acces platform which is mounted directly into Avant loaders quick attach plate. The result is an inexpensive, handy and easy to use acces platform. With the help of this lift Avant's versatility is further increased on the job sites.

The Leguan 50 is mounted directly on to loader's quick attach plate quick attach plate like any other Avant attachment. This makes it fast and easy to mount it on and take it off.

Leguan 50 is designed in accordance with access platform standards and it is CE certified. Safe working load is 200 kg - that is two persons or one person with a considerable amount of equipment and tools.

- **An inexpensive access platform with 5 meters working height**
- **Safe and legal way to do building repairs, painting, light bulb changes etc.**
- **The maximum allowed load on the basket is 200 kg and you are able to use the lift alone**
- **Leguan 50 is attached to Avant which makes it easy to set it up in virtually all kinds of terrains**
- **The Leguan 50 access platform gives even further possibilities to use your Avant on work sites**

Max. allowed load	200 kg
Max. working height	5,0 m
Height (with lowered platform)	1900 mm
Width	1300 mm
Weight	435 kg
Product no	A34812

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ compatible ⊕ adaptable ✗ incompatible

Tipping trailer

Avant tipping trailer is available in two models: with carrying capacity of 1200 kg or 1800 kg. Both are equipped with hydraulic tipping. All sides can be removed if necessary. Extra side set is available as an option for the smaller model, on the bigger model it is standard.

Attention: the loader must be equipped with double acting rear auxiliary hydraulics outlet and trailer coupling.

- **Robust and versatile tipping trailers, well suited both for earthmoving and for lighter jobs**
- **All sides can be removed if necessary – giving a completely flat and even bed**
- **Hydraulic tipping on both models**
- **Equipped with 5 bolt wheel hubs**
- **Both models equipped with a swivel hitch (rotating trailer coupling)**

Option:
Road traffic kit A450705
(Requires the optional 7-pin trailer socket A48690/A418817 on the loader)
Extra side set (A45193) for 1.200 kg model

Model	1200	1800
Max. Load	1200 kg	1800 kg
Width	1125 mm	1350 mm
Length	1710 mm	2240 mm
Tyre size	23x8,50-12	320/60-12 HD
Side height	280 mm	560 mm
Weight	352 kg	500 kg
Product no	A450448	A450459

	220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
1200	✓	✓	✓	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
1800	✗	✗	✗	✗	✗	✗	+	+	+	+	+	+	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	+	+	✓	+	+	+	+

✓ compatible + adaptable ✗ incompatible

Lawn mower 1200

The lawn mower 1200 is a robust and efficient mower deck. It is equipped with the Optifloat® floating system, developed by Avant, which guarantees optimal touch with the ground also on uneven lawns. Two indicator arrows on the quick attach plate make adjustment of the floating very easy: when the mower is on level surface and the arrows meet, Optifloat® is adjusted correctly. The mower is also equipped with a safety valve which stops the blades when the mower is lifted off the ground. The deck is made of stamped steel. This makes mowing more efficient and the grass clippings don't get stuck on the deck so easily.

The mower is mulching type as standard. Side discharge kit is available as an option.

- **Optifloat® floating system guarantees easy operation and good mowing result also on uneven lawns**
- **Safety valve stops the blades when the mower is lifted off the ground**
- **Thanks to stamped steel deck mowing is more efficient and the deck stays cleaner**

Option:
Side discharge kit A36013

Cutting width	1200 mm
Blades	2 pcs
Cutting height	25 - 100 mm
Oil flow range	28 l/min
Weight	170 kg
Product no	A35965

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✓	✓	✓	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	+	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✗	+	+	+	+

✓ compatible + adaptable ✗ incompatible

Lawn mower 1500

Avant lawn mower 1500 is intended for professional lawn mowing also on larger areas. The mower can be modified to right type of mowing for different circumstances. Powerful mower allows a higher drive speed and perfect cut also on challenging conditions.

Optifloat® system allows large vertical movement of the cutting deck which guarantees efficient cutting as the deck follows the ground contours also on uneven terrains. Two indicator arrows on the quick attach plate make adjustment of the floating very easy: when the mower is on level surface and the arrows meet, Optifloat® is adjusted correctly. The floating system is also equipped with a safety valve, which stops the blades when the mower is lifted off the ground. The wheels are foam filled, puncture free rubber tyres.

- **Optifloat® floating system guarantees easy operation and good mowing result also on uneven lawns**
- **More cutting power for challenging mowing conditions**
- **Side discharge as standard, mulching kit available as an option**
- **Rounded edges → less damage to trees, buildings etc. in case of contact**
- **Puncture free, foam filled tires**
- **Fast and easy floating adjustment with indicator arrows on the Optifloat®**

Cutting width	1500 mm
Blades	3 pcs
Cutting height	25 - 100 mm
Height	450 mm
Oil flow range	45 l/min
Weight	285 kg
Product no	A37548

Option:

Mulching kit (complete assembly kit)	A34530
Longer indicator arrows on Optifloat®	A450366

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✓	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗	✓	✗	✗	✗	✗

✓ compatible ⊕ adaptable ✗ incompatible

Lawn mower 1800

The lawn mower 1800 is Avant's largest mower, intended for professional lawn mowing on larger areas. It is equipped with individual hydraulic motors on all three cutting blades. One blade rotates in counterclockwise to the other two, so the clippings spread more evenly behind the mower. The mower is equipped with a mulching plate as standard beside the blades. The plate can be easily removed with tools if needed; without the plate installed the discharge of clippings happens to the rear of the mower.

The Avant Optifloat® system allows large vertical movement of the cutting deck which guarantees efficient cutting as the deck follows the grounds contour on all terrains. Two indicator arrows on the quick attach plate makes adjustment of the Optifloat® very easy. The floating system is equipped with a safety valve, which stops the blades when the mower is lifted off the ground. The wheels are foam filled, puncture free rubber tires.

Higher indicator arrows from Optifloat® are available as an option, for better visibility from the driver's seat, especially on the Avant 800 series.

- **Efficient and professional lawn mower for larger areas**
- **Optifloat® floating system guarantees easy operation and good mowing result also on uneven lawns**
- **Fast and easy floating adjustment with indicator arrows on the Optifloat®**
- **Mulching mower as standard – rear discharge also possible by removing the mulching plate**
- **Puncture free, foam filled rubber tyres**

Cutting width	1800 mm
Blades	3 pcs
Cutting height	25 - 100 mm
Height	530 mm
Oil flow range	60 l/min
Weight	310 kg
Product no	A449184

Option:
Longer indicator arrows on Optifloat® A450366

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	635*	640	640*	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	R35*	e5	e6	e513	e527
✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✗	✓	✗	+	+	✓	✓	✗	✓	✓	+	✓	✓	✓	✓	✗	✗	✓	✗	✗	✗	✗	✗

✓ compatible + adaptable ✗ incompatible

*) With Stage V Kubota V1505 engine

Collecting lawn mower 1200

With the Avant collecting mower 1200 you can easily do the mowing and collect the clippings. Thanks to its excellent suction power collecting of leaves from the lawns is also possible.

The mulching blades of the mower crush the grass clippings, leaves etc. into a very fine material which then moves to the collector and forms a tight and compact package. The cutting waste is ideal material for composting. Collector capacity is as big as 210 litres, which enables cutting of small to medium sized areas. Emptying of the collector is very easy: lift the mower up from the ground with Avant's boom and then tilt the mower downward so much that the grass waste pushes the lid open and the waste comes out. The Optifloat® floating system, developed by Avant, guarantees optimal touch with the ground also on uneven lawns. Two indicator arrows on the quick attach plate make adjustment of the floating very easy: when the mower is on level surface and the arrows meet, Optifloat® is adjusted correctly.

- **Powerful mower with a collector unit**
- **Can also be used for collecting tree leaves on lawns**
- **Vacuum fan can be turned off and the unit can be used as a mulching mower only**
- **Automatic collector box lid opening, by tilting the mower downward**
- **Optifloat® floating system guarantees easy operation and good mowing result also on uneven lawns**

Cutting width	1200 mm
Blades	2 pcs
Cutting height	25 - 100 mm
Collector box volume	210 l
Oil flow range	28 l/min
Product no	A35973

Option:
Mounting plate for 200 series, increases tipping angle by 30° A37315

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✓	✓	✓	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	+	+	+	+	+	+	+	+	+	+	+	+	+	+	✓	✓	+	+	+	+	+

✓ compatible + adaptable ✗ incompatible

Collecting lawn mower 1500

Collecting mower designed for professional use with 1500 mm cutting width and 800 liter collector box. The high suction power makes it also possible to collect tree leaves on lawns. The blades cut the grass, tree leaves etc. to a fine mulch which packs tightly into the collector box.

Collector box volume is designed to be large enough for professional use also in larger areas. Lid opening is hydraulic and operated from Avant's driver seat. By lifting the loader boom and tilting the mower forward the collector box can be emptied into a container, skip etc. Collector box is pivoted in the front and can be tilted forward for easier maintenance. Two indicator arrows on the Optifloat® quick attach plate make adjustment of the floating very easy. The wheels are foam filled, puncture free rubber tyres.

Option:
Mulching kit (complete assembly kit) A34530

- **Equipped with Optifloat® –system**
- **More cutting power for challenging mowing conditions**
- **Vacuum fan can be turned off and the unit can be used as a mulching mower only**
- **Rounded edges → less damage to trees, buildings etc. in case of contact**
- **Puncture free, foam filled tires**
- **Fast and easy floating adjustment with indicator arrows on the Optifloat®**

Cutting width	1500 mm
Height	1100 mm
Blades	3 pcs
Cutting height	25 - 100 mm
Collector box volume	800 l
Oil flow range	45 l/min
Product no	A37411

The optional Opticontrol® is recommended on the loader.

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	635*	640	640*	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	R35*	e5	e6	e513	e527
✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	+	✓	+	✓	+	✓	✓	✓	✓	+	✓	✓	✓	✓	✓	✓	✓	✗	✗	✓	+	✗	✗	✗	✗

✓ compatible + adaptable ✗ incompatible

*) With Stage V Kubota V1505 engine

Cutting bar

An uncomplicated cutting bar for mowing of hay, grass and trimming of bushes and hedges. Thanks to the side mounting and angle adjustment below ground level mowing of slopes is also possible. Guide plates under the bar support the cutting blades when mowing.

Spring loaded release mechanism allows the bar to move backwards if it hits an obstacle. Cutting angle can be adjusted manually with the hand winch. Electric cutting angle adjustment is available as an option.

- **Robust and economical long hay cutter and hedge trimmer**
- **Cutting angle adjustment below ground level - mowing of slopes also possible**
- **Spring loaded release mechanism for increased safety - cutting bar gives in when hitting an obstacle**
- **Electric cutting angle adjustment available as an option**

Cutting width	1450 mm
Transport width	903 mm
Transport height	1765 mm
Oil flow range	20-30 l/min
Weight	100 kg
Product no	A35676

Option:
Electric cutting angle adjustment A35975

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✓	✓	✓	+	+	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ compatible + adaptable ✗ incompatible

Flail mower

Flail mower is a drum-type cutter, intended for cutting of long grass, scrub, bush and similar vegetation. It will cut up to 20 mm thick tree branches with ease.

Flail mower is the optimal cutting device for places where you need a lot of cutting power and a rougher cut will do. The most common applications for flail mower are places with taller vegetation like meadows, road banks, yard areas etc.

Optional flail types:
A419931 Y-flails, pair, 16 Pcs/1200 mm mower, 18 Pcs/1350 mm mower, 20 Pcs/1500 mm mower
A420305 L-flails, pair, 16 Pcs/1200 mm mower, 18 Pcs/1350 mm mower, 20 Pcs/1500 mm mower
Rear roller cleaning bar 1200 mm/A455171, 1350 mm/A455164, 1500 mm/A453690
Hydraulic oil cooler* A450884
*) The optional Opticontrol® is recommended on the loader.

- **Cutting deck design improves cutting result and requires less power from the engine and hydraulics**
- **Flails are mounted in spiral on the shaft which makes cutting more efficient**
- **Direct drive: hydraulic motor mounted directly on the shaft**
- **Floating system allows free vertical movement, and the floating can be set so that the mower can tilt freely forward and backward as well**
- **Big roller in the rear – better stability and less resistance when mowing**

Cutting width	1200 mm	1350 mm	1500 mm
Total width	1580 mm	1730 mm	1880 mm
Cutting height	25 - 100 mm		
Standard flails type/pcs	hammer 16 pcs	hammer 18 pcs	hammer 20 pcs
Oil flow range	30 l/min	45 l/min	60 l/min
Weight	240 kg	260 kg	270 kg
Product no	A36730	A441550	A36015

	220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	635*	640	640*	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	R35*	e5	e6	e513	e527
1200	✓	✓	✓	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	✓	✓	+	+	+	+	+	+
1350	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	+	+	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	+	✓	✓	+	+	+	✗	+	✓	✓	✗	✗	✗	✗
1500	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	+	✓	+	✓	+	✓	✓	✓	✓	+	✓	✓	✓	✓	✓	✓	✓	✗	✗	✓	+	✗	✗	✗	✗

✓ compatible + adaptable ✗ incompatible

*) With Stage V Kubota V1505 engine

Hydraulic side arm S30

The hydraulic side arm with S30 quick attach system can be equipped with attachments with the corresponding S30 quick attach bracket.

The side arm is equipped with a straight telescopic arm and a tilting jib arm. The telescopic arm extends max. 1,0 m hydraulically to the side, and the jib arm movement is max. 45° down and 90° up from horizontal position.

The side arm is equipped with a hydraulic release mechanism, and the hydraulic release pressure can be adjusted and measured. The attachment which is mounted on the side arm will give in backwards when it hits an obstacle. The side arm will come back to normal position as soon as the attachment is tilted downwards.

Avant 180 kg side weight kit A49063 is available as an option. It is recommended with heavier attachments like the S30 flail mower 1200 mm. An adapter which allows mounting an attachment with standard Avant quick attach on the S30 side arm is available as an option.

- **S30 attachment's hydraulic hoses are connected to the side arm with Multi connector**
- **Telescope and jib arm movement speeds are adjustable**
- **The jib arm floats hydraulically upwards, but not downwards. When working, the attachment which is mounted on the arm (flail mower for example) remains in the position where it raised by an obstacle**

Max attachment weight	500 kg
Telescoping to the side	max. 1000 mm
Max width	1870-2580 mm
Jib arm movement	135°
Weight	250 kg
Product no	A448736

The optional Opticontrol® is required on the loader. (requires also 6 or 8 function joystick on the loader).

Option:
Adapter, for mounting a standard attachment on S30 side arm A460243
Extension arm, with manual telescoping 550-950 mm A464146

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ compatible ⊕ adaptable ✗ incompatible

Mechanical side arm S30

The mechanical side arm with the S30 quick attach system can be fitted with lighter (max. 200 kg) attachments like the S30 cutting bar and the S30 multi function drive unit with HD brushes. It is equipped with a mechanical, manually extendable straight telescopic arm and a hydraulic jib arm which tilts the attachment up and down. Telescoping to the side is max. 1000 mm and jib arm movement is max 45° down and 90° up from horizontal position.

The side arm is pivoted in the middle, locked with a pin, and can be turned manually up and down with 45° steps – and even 180° to the other side, which makes it possible to work either on the right or on the left side of the loader. The arm is rigid to all directions, there is no release mechanism in case it hits an obstacle. An adapter which allows mounting an attachment with standard Avant quick attach on the S30 side arm is available as an option.

- **Versatile side arm, can be fitted with hedge cutter bar, weed brushes etc.**
- **Equipped with a mechanical, manually extendable straight telescopic arm and a hydraulic jib arm**
- **Telescoping to the side max. 1000 mm, jib boom movement max 45° down and 90° up from horizontal position**
- **S30 attachment's hydraulic hoses are connected to the side arm with Multi connector**

Max attachment weight	200 kg
Telescoping to the side	max. 1000 mm
Max width	1645 mm
Jib arm movement	135°
Weight	130 kg
Product no	A431070

Option:
Adapter, for mounting a standard attachment on S30 side arm A460243
Extension arm, with manual telescoping 550-950 mm A464146

The optional Opticontrol® is required on the loader.

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ compatible ⊕ adaptable ✗ incompatible

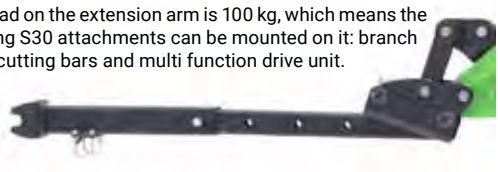
New

Extension arm on S30 side arms

The optional extension arm with manually extendable telescope can be mounted both on the hydraulic and on the mechanical S30 side arm. It gives extra outreach and working height with certain S30 attachments like the branch cutter and cutting bars. The extension arm can be locked with a bolt in four different outreach positions: without telescoping 550 mm, then 620, 780 or 950 mm. The arm also comes with the hydraulic hose extension kit A412129 (3 pcs 800 mm long hoses) for the attachment.

Max. load on the extension arm is 100 kg, which means the following S30 attachments can be mounted on it: branch cutter, cutting bars and multi function drive unit.

Outreach	four positions: 550, 620, 780, 950 mm
Max. load	100 kg
Weight	22 kg
Product no	A464146



New

Standard attachment adapter for S30 side arms

With this adapter, you can mount standard attachments on the S30 side arms (both the hydraulic side arm A448736 and the mechanical side arm A431070).

The adapter makes it possible, for instance, to mount a standard Flail mower on the S30 hydraulic side arm.

Max. load	500 kg
Product no	A460243

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
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✓ compatible ⊕ adaptable ✗ incompatible

Flail mower S30

The 1200 mm flail mower with S30 quick attach bracket mounts only on the hydraulic side arm. It cannot be mounted on the attachment coupling plate of the loader or on the S30 mechanical side arm.

The S30 mower has otherwise the same 1200 mm mower deck with hammer flails as the A36730 flail mower, but it is equipped with the high flow hydraulic motor of the 1500 mm flail mower. This gives 25 % higher efficiency/working width ratio than on the 1500 mm flail mower, and 100 % higher than on the standard A36730 1200 mm flail mower.

- **Easy mowing of road banks and gradients with the flail mower**
- **Outreach to the side max. 2,9 m**
- **Equipped with high flow hydraulic motor**
- **S30 quick attach system**

Working width	1200 mm
Max. outreach to the side	2900 mm
Max. width	1580 mm
Oil flow range	60 l/min
Weight, Fail mower S30	250 kg
Weight, Flail mower with hydraulic side arm and side weights	680 kg
Product no, Fail mower S30	A37505
Product no, Flail mower with hydraulic side arm S30*	A37213

*) Includes:

Flail mower 1200 S30	A37505
Hydraulic side arm S30	A448736
Side weight kit 180 kg to side arm	A49063

The optional Opticontrol® is required on the loader.

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	635*	640	640*	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	R35*	e5	e6	e513	e527
✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	+	✓	+	✓	✓	✓	✓	+	✓	✓	✓	✓	✓	✓	✓	✗	✗	✓	+	✗	✗	✗	✗

✓ compatible + adaptable ✗ incompatible

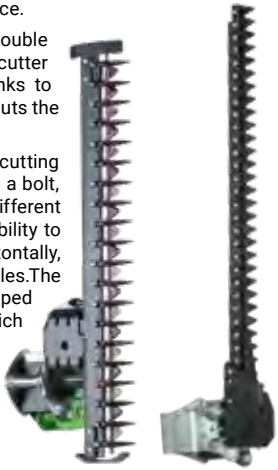
*) With Stage V Kubota V1505 engine

Cutting bar S30

There are two models of cutting bars which mount on the side arms with S30 quick attach system (both on the mechanical & hydraulic side arm). They cannot be mounted on the attachment coupling plate of the loader. The A430938 cutting bar is equipped with the same cutting blades and blade guides as the A35676 cutting bar. The frame and actuator mechanism are however stronger, which means the A430938 bar is optimized for hedge cutting and doesn't work too well with hay because of the higher frame. There are wear plates at each end of the cutting bar, useful when working on paved and asphalt surfaces for instance.

The A434613 cutting bar with double knifes is a more precise hedge cutter and makes a cleaner cut thanks to the double knife design which cuts the branches by sawing them.

The mounting bracket of the cutting bars is pivoted and locked with a bolt, and can be turned manually in different positions. This gives the possibility to for instance cut the hedge horizontally, vertically and in different angles.The cutting bars are also equipped with a pressure relief valve wich protects the unit if it hits an obstacle.



A430938 A434613

- **Efficient and quick hedge cutter also for higher hedges**
- **Cutting both horizontally and vertically thanks to pivoting mounting bracket**
- **Two models**
- **S30 attachment's hydraulic hoses are connected to the side arm with Multi connector**
- **More outreach with the optional extension arm on the S30 side arm**

Working width	1500 mm	1500 mm
Total width	1600 mm	1790 mm
Oil flow range	15-25 l/min	16-21 l/min
Weight	90 kg	58 kg
Product no	A430938	A434613

The optional Opticontrol® is required on the loader.

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
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✓ compatible ⊕ adaptable ✗ incompatible

Rotary hedge cutter S30

Rotary hedge cutter S30 is an efficient attachment for cutting of shrub, bush, hedge and similar vegetation. It is equipped with three rotors with 4 cutting blades on each rotor. The blades are mounted in two different heights 2+2 on the rotor which – together with the outer rotors rotating inwards - means that they mulch the material into small bits which don't need to be collected after cutting. The rotary hedge cutter can be mounted both on the mechanical side arm and on the hydraulic side arm. With Avant 600 series the optional 180 kg rear side weights A49063 are recommended on the loader for better stability.

- **Efficient hedge cutter on S30 side arms, works both in horizontal and vertical position**
- **Equipped with three rotors with 4 cutting blades each**
- **Mulches the material into small bits – cutting waste doesn't need to be collected**
- **S30 attachment's hydraulic hoses are connected to the side arm with Multi connector**

Working width	1300 mm
Total width	1470 mm
Cutting height	25 - 100 mm
Blades	12 pcs (4 pcs/rotor)
Length	1025 mm
Height	385 mm
Oil flow range	40 l/min
Weight	200 kg
Product no.	A435550

The optional Opticontrol® is required on the loader.

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗	✓	✗	✗	✗	✗

✓ compatible ⊕ adaptable ✗ incompatible

New

Branch cutter S30

The branch cutter which mounts on the S30 side arms – both on the hydraulic and the mechanical side arm – is a fast and efficient tree trimmer. The 700 mm diameter circular sawblade cuts the branches cleanly and, if needed, also small trees. When removing tree branches the sawblade is in vertical position, but thanks to the hydraulic tilting of the S30 side arms' jib boom the blade can also be turned to horizontal position and cut down small trees.

Thanks to the telescopic loader boom of Avant the cutting height can be as high as 4 metres, depending on loader model, and the optional manually telescoping extension arm on the S30 side arm increases the the outreach almost a further 1 m if needed. The adjustable side outreach of the S30 side arms, plus the optional extension arm give flexibility and allow cutting in various distances from the loader.

The optional Opticontrol® system is required on the loader for operating the branch cutter.

Loader with enclosed cab (GT, DLX, LX) is recommended when working with the branch cutter. If the loader is equipped with the ROPS/FOPS safety frame or cab L, use of personal protective equipment – hard hat with visor, safety goggles etc. – is mandatory.

The branch cutter in above picture is mounted on the optional extension arm A464146

- **Efficient and fast branch and small tree cutter**
- **Cutting height as high as over 4 m, depending on loader model**
- **Mounts on S30 side arms only (hydraulic and mechanical side arm)**
- **Equipped with 700 mm hard metal circular sawblade**
- **Sawblade can be tilted to vertical or horizontal position**
- **More outreach with the optional extension arm on the S30 side arm**

Blade diameter	700 mm
Total width	806 mm
Blade rotation speed	750 rpm (at 60 l/min oil flow)
Oil flow range	60 l/min
Weight	70 kg
Product no	A454450

Requires the optional Opticontrol® on the loader.

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ compatible ⊕ adaptable ✗ incompatible

Multi function drive unit S30

The multi function drive unit equipped with the S30 quick attach bracket is intended mainly for rotating different types of brushes – XL weed brush, XL wire rope brush and carousel broom. It can be mounted in horizontal or vertical position on the side arms with S30 quick attach system (both mechanical and hydraulic arm), but not on the attachment coupling plate of the loader. The S30 drive unit has the same 57 mm square shaft for attachments as the A37190 Multi function drive unit, but is equipped with a lower torque and higher speed hydraulic motor and works therefore better with brushes. On the other hand it doesn't have enough power to rotate auger drills or screw cone log splitter.

Option:
A464146 Extension arm, with manual telescoping 550-950 mm

- **Drive unit which mounts on S30 side arms**
- **Possible to mount in horizontal or vertical position**
- **Equipped with high speed hydraulic motor, intended for rotating different types of brushes**
- **More outreach with the optional extension arm on the S30 side arm**

Torque	950 Nm @ 200 bar
Rotation speed	95 rpm @ 30 l/min
Oil flow range	20-40 l/min
Weight	30 kg
Product no	A429926

The optional Opticontrol® is required on the loader.

A37317 Carousel broom
- Same Ø 1000 m replaceable brush as on A2971 Carousel broom, part no. A32698
- Weight 67 kg

A433646 Carousel broom, steel
- Ø 1000 mm brush with steel bristles
- Weight 67 kg

A431157 XL wire rope brush
- Brush with 32 pcs heavy duty wire rope bundles
- Max. diameter 990 mm
- Height 370 mm
- Weight 36 kg

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
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✓ compatible + adaptable ✗ incompatible

Fence mower

Fence mower is the perfect attachment for cutting grass under fences, roadside crash barriers, around trees etc. It can also be used to remove weed from road banks, around cornerstones and near buildings. The fence mower manoeuvres around fence posts easily: when the cutting head comes in contact with the post the extension spring that is mounted between the mower frame and cutting head retracts the cutting head back after touching the post, allowing a smooth operation around the post. The tension and fastening point of the extension spring can be adjusted. In addition, there is a vertical floating system with 4 positions for aligning the cutting head.

Cutting head is equipped with two blades. Its edge is covered with a rubber bumper for damping the impacts. The mower is equipped with a manually turnable arm allowing the cutting head to be turned in several different positions. Cutting head can be mounted pointing either to the right or to the left side. An adjustable support wheel is standard equipment as well.

- **Perfect attachment for cutting grass under fences, roadside crash barriers, around trees etc.**
- **Cutting head with 2 blades**
- **Vertical floating of cutting head**
- **Cutting head can be mounted pointing to the right or to the left**
- **Adjustable support wheel as standard**

Cutting width	704 mm
Cutting height	min. 60 mm
Number of blades	2 pcs
Maximum width in working position (cutting head on the right side)	1870 mm
Minimum width in transport position	1172 mm
Oil flow range	30-40 l/min
Weight	122 kg
Product no.	A440199

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✓	✓	✓	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	+	+	+	+

✓ compatible + adaptable ✗ incompatible

Edge trimmer

Avant edge trimmer is the perfect attachment for trimming the edges of lawns, hedges, flower beds etc. It consists of a hydraulically operated trimmer mounted next to a cutting disc.

Cutting disc cuts lawn precisely where you want and hydraulic trimmer breaks up any soil or lawn that is left to the side of the cutting disc. Edge trimmer leaves a good looking finish to any garden thanks to its adjustable cutting depth and precise control.

The edge trimmer is equipped with manually extendable arm and can be turned in three different positions: to the right side or to the left side, or to the front = transport position. Support wheel is available as an option.

Option:
Support wheel A36699

- **Cuts the lawn edge accurately, leaving a finished look on lawns, flower beds, driveways, walkways etc.**
- **Hydraulic trimmer mills the soil efficiently**
- **Equipped with manually extendable arm**
- **Can be turned manually in three positions: to the left or to the right side, and to center transport position**
- **Support wheel availabe as an option**

Cutting depth	max. 150 mm
Cutting disc diameter	460 mm
Cultivating width	155 mm
Height	580 mm
Oil flow range	15-25 l/min
Weight	80 kg
Min. width in working position	1080 mm
Product no	A36621

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✓	✓	✓	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ compatible ⊕ adaptable ✗ incompatible

Edge trimmer with weed brush

The edge trimmer equipped with a weed brush allows lawn edge cutting and sweeping at the same time. It is intended for cleaning the edge between kerb stones and lawn, and it can also be used for trimming the edge between the lawn and paving, asphalt, concrete slab, etc.

Cutting disc can be lifted up so that the unit works as a weed brush only. The brush is a heavy-duty wire rope brush, diameter 700 mm as standard. Diameter of the cutting disc is 460 mm. An adjustable and detachable splash guard and a foldable support wheel are standard equipment as well.

Working width (distance from the brush to the side from the loader's quick attach plate) can be adjusted manually max. 180 mm, as well as the distance between the cutting disc and the brush. The cutting disc is spring loaded: the spring turns the disc parallel with the driving direction. The angle of the brush can be adjusted manually.

The unit can be mounted in three different positions: working on the right side or on the left side of the loader, or pointing to the front (transport position). Changing the working direction from the right to the left side of the loader requires tools and the left-handed mounting bracket for the cutting disc.

- **Cuts the lawn edge accurately, leaving a finished look on lawns, flower beds, driveways, walkways etc.**
- **Cutting disc can be lifted up so that the unit works as a weed brush only**
- **Efficient weed removal with rotating steel brush**
- **Support wheel as standard**

Cutting depth max.	150 mm
Cutting disc diameter	460 mm
Brush diameter	700 mm
Max. width in working position	1410 mm
Min. width in transport position	856 mm
Height	690 mm
Oil flow range	20-30 l/min
Length	865 mm
Weight	160 kg
Product no	A446497

Option:
Brush with steel bristles A452184
Left-handed mounting bracket for cutting disc A449096
(allows mounting on the left side)

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✓	✓	✓	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ compatible ⊕ adaptable ✗ incompatible

Weed brush

Weed brush is an efficient tool for removal of weeds on all kinds of paved areas etc. It is equipped with a steel brush which can be extended manually and turned in three different positions: to the front, to the right side or to the left side. The weed brush is equipped with a support wheel as standard. It can be lifted and locked up to transport position if needed.

- **Efficient weed removal with rotating steel brush**
- **Equipped with manually extendable arm**
- **Splash guard as standard**
- **Can be turned manually in three positions: to the left or to the right side, and to center transport position**
- **Support wheel as standard**

Option:
Heavy duty wire rope brush A422665

Brush diameter	600 mm
Bristle material	steel
Height	530 mm
Length/Width (retracted)	1100 mm
Oil flow range	15-25 l/min
Weight	85 kg
Product no	A36594

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✓	✓	✓	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ compatible ⊕ adaptable ✗ incompatible

Lawn aerator 1100

The lawn aerator 1100 features 90pcs knife type tines or tubular hollow tines as standard. The unit is completely mechanical. While driving forward, the tines on the aerator shaft turn and make holes in the lawn. The 1100 aerator has no support wheels - on harder ground only the tines are in contact with the ground and on soft ground the shaft will act as support. Working depth is 110 mm or 150 mm (standard): the tines can be bolted in two different heights on the shaft. The 29 kg Avant back weights can be mounted on the sides to add weight if necessary. The aerator is also equipped with 4 support legs for storage. Solid round tines are available as an option.

- **Working width 1100 mm, 90 pcs knife type tines or tubular hollow tines as standard**
- **No support wheels – only the tines and the shaft are in contact with the ground**
- **Working depth 110 mm or 150 mm**
- **29 kg back weights can be mounted on the sides to add weight**
- **4 support legs for storage**
- **Solid round tines available as an option**

Working width	1100 mm
Total width	1400 mm
Length	1700 mm
Height	950 mm
Number of blades	90 pcs
Weight	240 kg
Product no. with knife tines	A453046
Product no. with hollow tines	A465761

Option:

Back weight 29 kg	A35957
Optional tines:	
Knife tine	A427393
Tubular hollow tine	A457152
Solid round tine	A457278

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
–	–	–	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–	–	–	–	–	–	–	–	✓	✓	✓	✓	✓	✓	✓

✓ compatible ⊕ adaptable ✗ incompatible

Lawn aerator 1500

Lawn aerator is designed to create holes in the lawn surface which encourages free movement of soil. This helps to improve the circulation of air in the soil which is vital for a healthy lawn. Avant aerator is completely mechanical – when driving forward with the loader the knife type tines on the aerator shaft turn and make holes in the lawn.

The aerator is equipped with 12 rows of tines with 10 tines each, altogether 120 pcs. Working width is 1500 mm; working height can be adjusted with the nylon spacers on the four support wheels. The areator is also equipped with mechanical support legs which lift the deck and tines off the ground for storage.

- **Easy and efficient lawn aerating by driving forward with Avant**
- **Equipped with knife type tines**
- **Two Avant 29 kg back weights can be mounted on the sides to add weight**

Working width	1500 mm
Total width	1860 mm
Length	1700 mm
Height	805 mm
Number of tines	120 pcs
Weight	570 kg
Product no.	A424201

Option:	
Back weight 29 kg	A35957
Optional tines:	
Knife tine	A427393
Tubular hollow tine	A457152
Solid round tine	A457278

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗

✓ compatible ⊕ adaptable ✗ incompatible

Rotary hoe

Rotary hoe is the right attachment for soil cultivating, seed bed finishing and rotovating. It features direct drive with hydraulic motor mounted directly on the milling shaft. The curved blades guarantee efficient milling of the soil. A vertical grading rake with strong tines in front of the blades traps stones and debris, effectively allowing soil to bury them. This gives a finished seeding bed in a single pass. There is also an adjustable soil scraper blade between the milling shaft and the field roller. Working depth is steplessly adjustable with the rear field roller, up to 150 mm.

- **Efficient rotary hoe for soil cultivating**
- **Direct drive with hydraulic motor mounted directly on the milling shaft**
- **Vertical grading rake with strong tines in front of the blades which traps stones and debris**
- **Working depth steplessly adjustable with the rear field roller**
- **Adjustable soil scraper blade between the milling shaft and the field roller**

Working width	1200 mm	1350 mm	1500 mm
Working depth	0 - 150 mm	0 - 150 mm	0 - 150 mm
Roller width	1400 mm	1550 mm	1700 mm
Total width	1530 mm	1705 mm	1830 mm
Length	1140 mm	1140 mm	1140 mm
Height	550 mm	550 mm	550 mm
Oil flow range	30-40 l/min	40-50 l/min	50-60 l/min
Weight	250 kg	275 kg	285 kg
Product no	A425119	A443490	A37430

	220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	635*	640	640*	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	R35*	e5	e6	e513	e527
1200	✓	✓	✓	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	✓	✓	+	+	+	+	+	+
1350	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	+	+	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	+	✓	✓	+	+	+	✗	+	✓	✓	✗	✗	✗	✗
1500	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	+	✓	+	✓	+	✓	✓	✓	✓	+	✓	✓	✓	✓	✓	✓	✓	✗	✗	✓	+	✗	✗	✗	✗

*) With Stage V Kubota V1505 engine

✓ compatible + adaptable ✗ incompatible

Power rake

Power rake is a versatile attachment for soil grading, levelling, raking, and removing of debris. It can be used, for instance, for preparing seedbeds, cutting grades, grading dirt roads and gravel roads, and cleaning up and grading different types of sites.

Power rake mills the soil to max. 65 mm depth. The shaft is equipped with extra hard tungsten carbide teeth. Driving direction is forward and the shaft rotates against the driving direction. The removable side plates make soil moving and directioning even more efficient. The rake is equipped with two adjustable support wheels and it can be turned to max. ±30 degrees angle.

The clearance between the frame and shaft of the power rake allows soil to move around the rake axle which guarantees efficient milling. There is also a splash guard above the axle.

Two models and working widths available: 1500 mm with manual or hydraulic turning, and 1800 mm with hydraulic turning (intended especially for 700 and 800 series).

The optional Opticontrol® is required on the loader with hydraulic turning model.

- **Versatile attachment for preparing seedbeds, grading dirt and gravel roads, cleaning up building lots and sites etc.**
- **Easy removal and piling up of rocks and other debris by driving forward**
- **Available with manual or hydraulic turning, ±30 degrees**
- **Two models: with 1500 mm or 1800 mm working width**

Model	1500	1800
Working width	1480 mm	1780 mm
Total width	1773 mm	2074 mm
Working depth	max. 65 mm	max. 65 mm
Turning angle	±30°	±30°
Length	1210 mm	1210 mm
Height	670 mm	670 mm
Oil flow range	40-60 l/min	50-70 l/min
Weight	315 kg	340 kg
Product no., manual turning	A449836	-
Product no., hydraulic turning	A449672	A445931

	220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	635*	640	640*	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	R35*	e5	e6	e513	e527
1500	✗	✗	✗	✗	✗	✗	✗	✗	+	+	+	+	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	+	+	✓	✓	+	+	+	+
1800	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	+	✓	+	✓	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗	✓	+	✗	✗	✗	✗

✓ compatible + adaptable ✗ incompatible

*) With Stage V Kubota V1505 engine

Rotary harrow

Avant rotary harrow is an excellent leveler for lawn beds, yards, gardens etc. – for places where the ground needs to be perfectly levelled. It harrows only the topsoil and gives a very nice finish for sowing. Required output is lower than that of the rotary hoe, which allows also a higher working speed. Working depth is adjusted with the rear field roller which levels the seeding bed during operation. With the optional seeding unit you are able to make a ready lawn surface on one pass.

Rotary harrows are most commonly used for lighter topsoil levelling. The soil is normally not milled as deep or as thoroughly as with a rotary hoe.

- **Professional, efficient rotary harrow for topsoil levelling**
- **Top grade finish with just one pass**
- **Can be equipped with seeding unit → ready lawn surface in a single pass**
- **Requires less power than rotary hoe**

Option:
Seeding unit for 1350 mm model A21085
Seeding unit for 1500 mm model A21193
Seeding unit for 1700 mm model A415800

Model	1350	1500	1700
Working width	1220 mm	1400 mm	1550 mm
Roller width	1350 mm	1500 mm	1700 mm
Working depth		0-160 mm	
Oil flow range	40-50 l/min	50-65 l/min	50-65 l/min
Weight	220 kg	250 kg	280 kg
Weight with seeding unit	260 kg	290 kg	320 kg
Product no	A21077	A21185	A21431

	220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	635*	640	640*	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	R35*	e5	e6	e513	e527
1350	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	+	+	+	+	+	+	+	+	+	+	+	+	+	✓	✓	✓	+	+	+	+	+
1500	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗	✓	✓	✗	✗	✗	✗
1700	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	+	✓	+	✓	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗	✓	+	✗	✗	✗	✗

*) With Stage V Kubota V1505 engine

✓ compatible + adaptable ✗ incompatible

Seeding machine

Seeding machine is a professional mechanical surface seeding unit, intended for precise seeding of lawns, different types of (flower) meadows, pastures etc. The rotating feeding roller with 12 nozzles provides accurate and reliable seed sowing, and the seed amount adjustment range is very wide, approx. 50 - 3000 g/100 m2.

It is possible and advisable to make a seeding test before starting operation, in order to make sure that a right amount of seed goes to the ground. The seeding machine is equipped with 4.00-8 tractor profile tyres and a manually operated support leg.

Rear harrow and rear field roller are available as an option, for finishing and compacting the surface. The seeding machine can be mounted either on the attachment coupling plate of the loader - in this case seeding happens by reversing with the loader - or it can be towed by mounting the optional Avant drawbar on the unit. In this case the loader must be equipped with the trailer ball hitch.

- **Efficient and professional attachment for seeding of lawns, meadows, pastures etc.**
- **Precise and widely adjustable seed feeding through 12 nozzles**
- **Seeding test can be performed before starting operation**
- **Can be mounted on the attachment coupling plate of the loader or towed with the optional Avant drawbar**

Options:

Rear harrow (not when rear field roller)	A450437
Rear field roller (not when rear harrow)	A450438
Drawbar	A37481

Working width	1500 mm
Total width	1890 mm
Length	890 mm
Height	1070 mm
Seed box volume	45 l
Seed amount adjustment	approx. 50 - 3000 g/100 m^2
Weight	135 kg
Product no	A449473

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✓	✓	✓	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ compatible ⊕ adaptable ✗ incompatible

Leveller

A simple and inexpensive but incredibly useful and efficient attachment for levelling and planing of larger areas. With Avant leveller you can easily and quickly level sand, mulch etc. The leveller is most commonly used in:

- Preliminary lawn bed levelling
- Yard sand levelling
- Driveway levelling

The leveller can also be used for lifting job site materials like sod rolls, tools etc.

- **Economical attachment for levelling gravel and other soil materials**
- **Eliminates almost all manual shoveling at job sites**

Width	Weight	Product no
1200 mm	85 kg	A32411
1500 mm	95 kg	A33537

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ compatible ⊕ adaptable ✗ incompatible

Leveller HD

The HD leveller is an incredibly useful and efficient attachment for quick levelling of uneven ground, mulch, yards, driveways etc. It is most commonly used in:

- preliminary lawn bed levelling
- yard and driveway sand and gravel levelling
- levelling of uneven ground

The leveller can also be used for lifting job site materials like sod rolls, tools etc.

- **Bucket cutting edge in the front and in the rear, allows breaking and cutting of the ground**
- **Straight vertical levelling edge in the rear**
- **Grate at the front, for picking up stones**
- **Two hook type brackets in the front, for transporting a bucket etc.**
- **Scarifier bar in the rear, equipped with hooks. It can be turned manually in 5 different working depths, and can also be lifted up so that the leveller works without scarifying**

Working width	1600 mm
Total width	1630 mm
Length	1050 mm
Working depth	max. 100 mm
Weight	172 kg
Product no.	A427450

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
+	+	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ compatible + adaptable ✗ incompatible

Roller compactor

The roller compactor with mesh roller is a practical attachment for compacting soil when preparing for lawn seeding and right after lawn seeding. You are able to compact soil with the full 1500 mm width of the roller and push down with the whole weight of the loader's front axle.

The other roller compactor model is equipped with a plain, hollow roller which can be filled with water. It is useful for preparing and compacting a newly installed sod and similar surfaces where a plain roller is a must and mesh rollers cannot be used. Both compactors can also be fitted with max. 4 pcs of Avant 29 kg back weights. The compactors can also be towed, if needed, with the optional drawbar mounted on the compactor.

- **Easy and economical compacting of lawns before and after seeding with the mesh roller**
- **Plain roller is useful for compacting a newly installed sod and similar surfaces; can be filled with water**
- **Both models can also be towed with the A37481 drawbar**
- **4 pcs Avant 29 kg back weights can be mounted to add weight**

Model	Mesh roller	Plain roller
Working width	1500 mm	1500 mm
Total width	1605 mm	1605 mm
Roller diameter	400 mm	406 mm
Length	610 mm	610 mm
Weight, without extra weights and water	100 kg	196 kg
Water volume	-	167 l
Product no	A37064	A37488

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✓	✓	✓	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ compatible ⊕ adaptable ✗ incompatible

Front rake

Front rake is an uncomplicated and economical attachment for levelling of sand and gravel driveways, anywhere you want to have a nice looking finish. The spring loaded tines rake and level the ground efficiently. The rake can also be used for loosening and levelling of uneven soils.

There are two models available: one with normal tines and other with HD tines. The rake with stronger HD tines will also collect branches etc. heavier material when levelling the ground.

- **Uncomplicated and economical leveller for sand and gravel driveways**
- **Works on soils as well**
- **Two models available: with normal tines or with stronger HD tines**
- **Can be mounted on all Avant models**

Model	Standard	HD
Width	2000 mm	2000 mm
Tine height	245 mm	420 mm
Total height	560 mm	695 mm
Weight	35 kg	56 kg
Product no	A36968	A37357

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ compatible ⊕ adaptable ✗ incompatible

Ripper

The ripper is an inexpensive and practically irreplaceable tool in ground works. With the ripper it is easy and effortless to remove roots as well as rocks even from hard packed ground. The replaceable hard metal teeth guarantee a long lifespan for the attachment.

The ripper is operated by pressing the three blades into the ground next to the object you wish to remove. When the teeth have sunk into the ground, tilt the ripper inwards and then lift the boom upwards which will bring the object on top of the ground.

- **An inexpensive tool for removing of rocks, tree stumps, roots etc. from the ground**
- **Eliminates a huge amount of manual work**

Width	500 mm
Working depth	appr. 300 mm
Weight	50 kg
Product no	A44412

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ compatible ⊕ adaptable ✗ incompatible

Mulcher CR1400

Mulcher CR1400 is a heavy duty soil conditioner and vegetation remover. It clears vegetation and undergrowth and can crush small roots and tree stumps as well. This makes the mulcher a useful tool for clearing the soil and also for preparing it for seeding and planting. The rotor is equipped with replaceable carbide cutting teeth. Support skids are standard equipment as well. They are pivoted which means they follow the contours of the cultivated surface, allowing very easy and accurate working depth adjustment. The mulcher can also be used for removal of ice and hard packed snow on pavements, parking lots etc.

- **Heavy duty soil conditioner - can crush smaller roots, tree stumps and branches as well**
- **Rotor with carbide cutting teeth**
- **Hardox steel frame**
- **Bolt mounted counter blades**
- **Support skids as standard**
- **Possibility to turn the direction of the rotor**

Optional cutting teeth (60 pcs required on the mulcher):
A445791 Rectangular cutter
A445804 Conical carbide cutter (standard)
A445806 Heavy duty conical cutter
A445789 Shearing cutter
66392 & 66393 Cutters (same as on asphalt grinder)

Total width	1750 mm
Rotor width	1350 mm
Rotor diameter	400 mm
Rotation speed	190 rpm @60 l/min
Working depth	0 - 200 mm
Height	670 mm
Oil flow range	60-70 l/min
Weight	540 kg
Product no	A436164

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	635*	640	640*	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	R35*	e5	e6	e513	e527
✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✗	✓	✗	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✗	✗	✓	✗	✗	✗	✗	✗

✓ compatible ⊕ adaptable ✗ incompatible

*) With Stage V Kubota V1505 engine

Screening bucket

The Avant screening bucket is a fast and efficient compact system for screening and blending soils, aggregates and compost. The durable and flexible star-shaped plastic Poly Star rollers screen without shredding the vegetation or crushing the aggregates into the finished screened product.

The unique design fitted with sealed bearings, self tensioning carbon belt driveline and flexible Poly Stars enables for a large screening area to create a low maintenance, fast and efficient screening system.

- **Separates stone/soil/vegetation**
- **Screens without crushing or shredding**
- **Suitable for different types of soil**

Width	1410 mm
Bucket volume	258 l
Screening area	1200 x 430 mm
Oil flow range	65 l/min
Weight	390 kg
Product no	A36503

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✗	✗	✗	✗	✗	✗	✗	+	+	+	+	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	+	+	✓	+	+	+	+

✓ compatible + adaptable ✗ incompatible

Stump grinder

Avant stump grinder is an efficient and easy to operate tree stump remover. The cutting disc is mounted crosswise in relation to the loader, which means it throws the wood waste to the right side – the waste doesn't fly on the operator or the loader. In addition, the stump grinder is equipped with a protective rubber cover which prevents the wood from flying around.

Grinding happens by moving the grinder forward and backward which means easy control with the drive pedals of the loader – or with the tilt movement of the quick attach plate, and the sideways mounting of the cutting disc guarantees excellent visibility to the working area. Cutting teeth have three cutting edges: once a tooth becomes blunt, its fastening bolt is easy to open and turn the tooth so that a sharp cutting edge comes into use.

Option:
Heavy duty tooth kit, teeth with tungsten carbide tip A444671
Standard tooth kit A467171
Hydraulic oil cooler * A454526

*) The optional Opticontrol® is recommended on the loader.

- **Equipped with ø 540 mm cutting disc with 20 pcs replaceable teeth**
- **Teeth have three cutting edges – once a tooth becomes blunt it can be turned to get a new sharp cutting edge**
- **Excellent visibility to the work area, easy to operate**
- **Rubber damper on the quick attach bracket minimizes vibrations to the loader and makes working smoother**
- **Support bearing on cutting disc, reduces torsion forces**

Cutting disc diameter	540 mm
Number of teeth	20 pcs
Width	840 mm
Height	920 mm
Length	630 mm
Oil flow range	40-60 l/min
Weight	175 kg
Product no	A438282

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✗	✗	✗	✗	✗	✗	+	✗	+	+	+	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	+	+	✓	✗	✗	✗	✗

✓ compatible + adaptable ✗ incompatible

Sod roller

With the sod roller it is easy to lay large sod rolls quickly and conveniently. Sod, also called turf, is the upper layer of soil with grass growing on it and is often harvested in rolls. The roller shaft is designed to slide through the center of the roll; then the roll is picked up by the attachment and the sod can be rolled out.

The sod roll can be mounted to roll out driving either forward or in reverse. Maximum width of the roll is 1300 mm. There are two adjustable and lockable width limiter discs on the shaft of the roller to support different width rolls. The attachment coupling plate on the roller is bolted in the middle as standard, but can be moved 250 mm to the right or to the left from the centerline if needed.

The sod roller can also be used to handle other products on rolls (cable, barbed wire, wire etc.).

- **Easy way to lay large sod rolls quickly and conveniently**
- **Sod roll can be mounted to roll out driving either forward or in reverse**
- **Two width limiter discs on the shaft to support different size rolls**
- **Can be also be used to handle other products on rolls**

Maximum roll width	1300 mm
Maximum roll diameter	1600 mm
Total width	1640 mm
Max. load	1000 kg
Length	1105 mm
Height	360 mm
Weight	110 kg
Product no	A447696

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✗	✗	✗	✗	✗	+	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ compatible + adaptable ✗ incompatible

Mounting kit for stone installation clamp

For professional paving, a hydraulic stone installation clamp is a fast and easy way to lay paving stones. The installation clamp takes a whole layer of stones from the pallet, which then can be lifted directly to the area to be paved. Avant is an ideal machine for this job thanks to the articulated chassis which allows driving on the paved surfaces without damaging them, and thanks to the rigid articulation joint Avant loader is very stable also in paving jobs.

With the mounting kit it is easy to install on Avant loader practically any hydraulic stone installation clamp available from renowned manufacturers (Hunklinger, Optimas, Probst for example). The mounting kit is a complete "plug and play" kit which includes lifting boom, hydraulic rotator with continuous 360° rotation and electrically controlled hydraulics.

The stone installation clamp is mounted on the shaft of the mounting kit's hydraulic rotator and the clamp's hydraulic hoses are connected in the ports on the rotator. All functions of the stone installation clamp (rear/front grabbers, side grabbers, rotation) are operated with the Opticontrol® attachment control system on the loader. Because the mounting kit already includes the rotator and control valve, they are not needed in the stone installation clamp itself. The mounting kit is CE marked and comes with operating and installing instructions.

- **CE marked "plug and play" mounting kit for hydraulic stone installation clamps**
- **Includes hydraulic rotator and electric control valve**
- **Operated with the Opticontrol® attachment control system on Avant loader**

Lift capacity, stone installation clamp + load	800 kg
Weight	66 kg
Product no	A436347

The optional Opticontrol® is required on the loader.

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✗	✗	✗	✗	✗	✗	+	+	+	+	+	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗	+	+	+	+

✓ compatible + adaptable ✗ incompatible

Stone grab

The stone grab, equipped with rotator, allows grabbing, transporting and loading of different types of stones both lengthwise and crosswise. This makes it possible to pass through narrow places also with long kerb stones and enables loading in any direction. The grab is available either with a hydraulic rotator or as freely rotating version. Padded stone grabbers are available as an option. They allow grabbing the stone by pressing it. Stone grabbers come with a lock valve which prevents unintentional opening of the grab. If the loader is equipped with the 6 or 8 function joystick, all functions of the grab with hydraulic rotator (grab opening/closing, rotation) can be operated with the switches on the optional Opticontrol® switch pack.

- **Available with hydraulic rotator or as freely rotating version**
- **Can be equipped with padded stone grabbers**

Rotation type	Freely rotating	Hydraulic rotation
Grapple opening diameter	1223 mm	1223 mm
Oil flow range	10-20 l/min	10-20 l/min
Weight	116 kg	136 kg
Product no	A37457	A37456

The optional Opticontrol® is required with grab with hydraulic rotator and padded stone grabbers, for operating the grab opening/closing and rotation (requires also 6 or 8 function joystick on the loader).

Option:
Lock valve, mounting kit, on grab cylinder A436627
Padded stone grabbers (kit includes lock valve) A429742

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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Grabbing tool

Grabbing tool is mainly intended for lifting and handling of round objects. It is especially suited for lifting of barrels and plant and tree pots. Grabbing force can be adjusted, which means all kinds of objects can be handled without damaging them.

Grabbing tool is equipped with two smaller, rubber padded grabs which allow handling of smaller and more fragile objects as well. When the grab is opened completely it can take larger objects like barrels, bigger plant pots etc.

- **Easiest way to lift and transport plants, trees, barrels etc. without damaging them**
- **Excellent tool for nurseries and landscapers**
- **With the optional tilt adapter or attachment rotator mounted on the grabbing tool it is also to possible to rotate the objects**

Option:
Conical grabbers – for objects with conical shape like plant pots A421030
Barrel grabbers – for completely round objects like barrels A421031
Tilt adapter 90 degrees A36505
Attachment rotator A424406
(requires second auxiliary hydraulics outlet in the front)

Min. grab diameter	250 mm
Max. grab diameter	1200 mm
Max. load	650 kg
Weight	95 kg
Product no	A34290

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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✓ compatible ⊕ adaptable ✗ incompatible

Tree boom

Tree boom is a simple and practical attachment for handling bigger tree trunks, pipes etc. objects which need to be lifted and placed with accuracy. It is otherwise the same attachment as the Avant big bag lifter, but the manually adjustable telescoping boom doesn't have a hook – instead the boom is straight and equipped with a pin for attaching lifting slings. This allows, for instance, lifting and planting bigger trees without the risk of damaging them. The frame design with side supports prevents the objects from swinging sideways.

Tree boom is useful in nurseries for planting trees, for arborist jobs like removing bigger trunks from yards and gardens, and also for utility jobs like setting pipes in trenches etc.

- **Easy way of handling tree trunks, planting bigger trees, laying pipes etc. objects**
- **Manually adjustable telescoping boom, can be adjusted in four different heights between 1135 – 1685 mm**
- **Side supports prevent sideways swinging of the objects**

Pin height	1135 – 1685 mm
Width	1100 mm
Max. load	900 kg
Weight	60 kg
Product no	A444137

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✗	✗	✗	✗	✗	+	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ compatible + adaptable ✗ incompatible

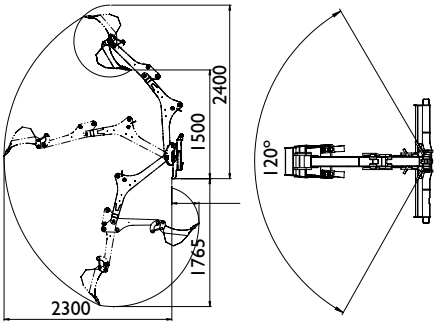
Backhoe 170

Avant backhoe 170 is a compact digging unit, intended mainly for Avant 200 series. The main focus in design was user friendliness and straight forward construction. Backhoe 170 is a small backhoe, which is at its best in tight situations where space is limited.

Boom movements are smooth and precise, which makes operation easier also for less experienced users. To facilitate the digging the frame of the backhoe is as low as possible, which gives unrestricted visibility to the work area.

- **An uncomplicated, strong and compact backhoe**
- **Easy to connect and disconnect to Avant**
- **Smooth movements with precise control valve, easy to operate**

Max. Digging depth	1700 mm
Standard bucket	250 mm
Weight	180 kg
Product no	A36848



Optional extras:
Bucket 400 mm A415230
Bucket 750 mm A35564

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✓	✓	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗

✓ compatible + adaptable ✗ incompatible

Backhoe 210

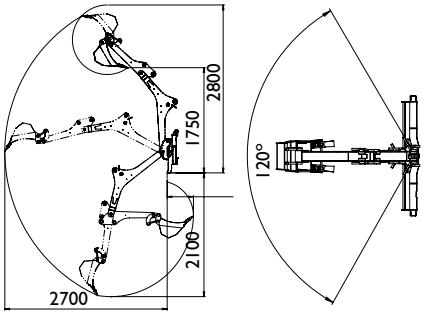
Avant backhoe 210 designs main focus was user friendliness and straight forward construction. Backhoe 210 is slightly larger than its smaller sister backhoe 170, which makes it more versatile and gives more digging depth.

Boom movement speeds are steplessly adjustable, which makes operation easier also for inexperienced users. To facilitate the digging the frame of the backhoe is as low as possible, which gives unrestricted visibility to the work area.

Optional extras:
Bucket 250 mm A415232
Bucket 750 mm A35564

- **A powerful, strong and compact backhoe**
- **Easy to connect and disconnect to Avant**
- **Smooth movements with precise control valve, easy to operate**
- **Uncomplicated and economical backhoe**

Max. Digging depth	2100 mm
Standard bucket	400 mm (A415230)
Weight	230 kg
Product no	A33747

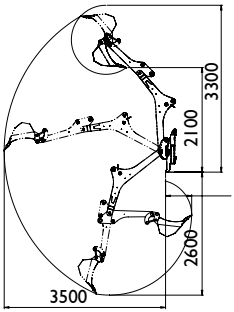


220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗	✗	✗	✓	✓	✓	✓

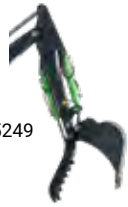
✓ compatible ⊕ adaptable ✗ incompatible

Backhoe 260

Backhoe 260 has many improved features: Boom swing happens with two hydraulic cylinders, instead of the single cylinder and chain drive in the old models. The new system gives more exact boom movements when swinging and requires less service. Swing angle is 170 degrees. Backhoe 260 is equipped with hydraulic outriggers as standard. The operator can easily adjust the outriggers with the lever on the backhoe control valve. This allows quick and easy set up also on uneven terrains. Changing of bucket is easy thanks to the quick attach mechanism. Mounting the backhoe on Avant is very fast, and the new foldable control valve bank and locking system on the boom make it even easier.



- **Powerful and professional backhoe with good outreach**
- **Hydraulic outriggers**
- **Bucket quick attach system S30-150**
- **170 degree boom swing angle with consistent speed**
- **Dozer blade on front frame**
- **Several bucket options**
- **Bucket sideways tilt adapter available as an option**
- **Thumb grab availabe as an option, for handling stones etc. objects**



Optional extras:
- Bucket 250 mm A414301
- Bucket 750 mm A35230
- Bucket 1000 mm A35383
- Bucket tilt adapter S30-150 with sideways tilt A35249 (not when thumb grab A435527)
- Trapezoidal bucket 650 mm A21638
- Trapezoidal bucket 912 mm A36374
- Thumb grab A435527 (not when bucket tilt adapter A35249)

Max. Digging depth	2600 mm
Width	1300 mm
Boom swing angle	170º
Standard bucket	400 mm
Weight	420 kg
Product no	A37510

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✗	✗	✗	✗	✗	✗	✗	+	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗	✗	✗	✓	✓	✓	✓

✓ compatible + adaptable ✗ incompatible

Backhoe 260 with remote control

Avant backhoe 260 is now available also with radio remote control (remote control cable is also included). It allows the operator to stand next to the unit when digging and have a perfect, unrestricted field of vision to the work area. This is very useful for utility jobs, cemeteries and similar places where space is limited and exceptionally exact digging with total visibility is necessary.

The backhoe is equipped with a proportional control valve which guarantees easy and smooth operation and very exact movements of the booms and bucket with the joysticks of the remote control unit. If necessary, the movements can also be fine tuned. The required safety features like emergency stop, blinking light etc. are also fitted.

Range of the radio remote control unit is about 100 m. It is equipped with a rechargeable battery with approx. 11 hour working cycle. Battery charging time is 4 hours. Battery charger is included – a 12 V charger or a 80-230 V mains current charger.

Backhoe 260 with remote control is a product of its own – the remote control system cannot be retrofitted on a standard backhoe 260.

- **Perfect, unrestricted field of vision to the whole digging area**
- **Equipped with proportional control valve → stepless, smooth and exact movements with the joysticks of the remote control unit**
- **Range of remote control about 100 m**
- **Remote control battery is rechargeable, working cycle about 11 hours – charging time 4 hours**

Max. Digging depth	2600 mm
Width	1300 mm
Boom swing angle	170 °
Standard bucket	400 mm
Weight	420 kg
Product no 500-700 series	A430235
Product no 800 series	A443267

The optional Opticontrol® is recommended on the loader, for the electrical supply to the radio remote control receiver on the backhoe.

Optional extras:
- Bucket 250 mm A414301
- Bucket 750 mm A35230
- Bucket 1000 mm A35383
- Bucket tilt adapter S30-150 with sideways tilt A35249 (not when thumb grab A435527)
- Trapezoidal bucket 650 mm A21638
- Trapezoidal bucket 912 mm A36374
- Thumb grab A435527 (not when bucket tilt adapter A35249)

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✗	✗	✗	✗	✗	✗	✗	+	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ compatible + adaptable ✗ incompatible

Mini digger

Avant mini digger is an efficient solution for small digging operations where maximum digging depth of 1200 mm or 1500 mm is enough and digging is not an everyday work. It mounts directly on the quick attach plate of the loader and is operated with the auxiliary hydraulics control lever, or with the buttons of the joystick if fitted. Dumping to the side is happens by turning the steering wheel of the Avant.

Mini digger 150 is equipped with the S30 bucket quick attach system (same as on backhoe 260), which makes changing of bucket fast and easy - and the bucket can also be mounted pointing forward if necessary. Bucket tilt adapter for mini digger 150 is available as an option.

- **Efficient and economical solution for smaller digging jobs**
- **Very fast to mount on Avant**
- **Simple and light to transport from job site to another**
- **High unloading height**
- **Material can easily be transported further away**

Model	120	150
Max. digging depth	1200 mm	1500 mm
Standard bucket	250 mm	-
Weight	70 kg	85 kg
Product no	A36822	A36856
Buckets available		
250 mm	A415232	A414301
400 mm	A415230	A414304
750 mm	A35564	A35230
1000 mm	-	A35383
Trapezoidal bucket 650 mm		A21638
Trapezoidal bucket 912 mm		A36374

Option:
Bucket tilt adapter (Mini digger 150) A35320 (not when thumb grab A444174)
Thumb grab (Mini digger 150) A444174 (not when bucket tilt adapter A35320)

	220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
120	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗
150	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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Mini digger 180

Mini digger 180 features hydraulic boom swing: the boom can be turned 60° to the right or to the left from centerline. This makes the mini digger even more versatile than before:

- By turning the boom to the side the bucket can be emptied without the need of moving and articulating the loader
- The optional tilt adapter makes it possible to dig with the bucket in many different angles, and it is also possible to dig alongside the wall with the boom turned to the side and bucket tilted parallel to the wall

Mini digger 180 is equipped with the same S30 bucket quick attach system as mini digger 150 and backhoe 260, which makes changing of bucket fast and easy - and the bucket can also be mounted pointing forward if necessary. Bucket tilt adapter or hydraulic thumb grab are available as an option. Both cannot be mounted on the mini digger simultaneously.

Because there are two hydraulic functions on the mini digger as standard – boom swing and bucket operation – there is also an electric selector valve for selecting the function. Boom swing and bucket cannot be operated at the same time. The selector valve is controlled with the switches on the optional Opticontrol® control switch pack which is necessary on the loader.

Options:
Bucket tilt adapter A446187 (not when thumb grab A446167)
Thumb grab A446167 (not when bucket tilt adapter A446187)

- **Efficient and handy digging unit, very fast and easy to mount on the loader**
- **Hydraulic boom swing, ± 60° to the side from centerline**
- **Max. digging depth 1800 mm**
- **Digging alongside wall possible with the optional bucket tilt adapter**

Model	180
Max. digging depth	1800 mm
Boom swing angle	±60°
Weight (without bucket)	165 kg
Product no. (without bucket)	A445112
Buckets available	
250 mm	A414301
400 mm	A414304
750 mm	A35230
1000 mm	A35383
Trapezoidal bucket 650 mm	A21638
Trapezoidal bucket 912 mm	A36374

The optional Opticontrol® is required on the loader.

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ compatible ⊕ adaptable ✗ incompatible

Auger

Powerful hydraulic auger with many different auger diameters to suit various tasks, be it post hole boring, tree transplanting etc. Standard drive unit has hydraulic motor and direct drive to the auger. Heavy duty drive unit is equipped with planetary drive to increase torque, needed especially in hard ground conditions or when using large diameter augers.

Replaceable tungsten teeth and pilot head are a standard feature in the auger drills. This enables drilling in hard ground as well as in sandstone.

Combination of an articulated Avant and auger offer excellent visibility and minimum ground damage.

- **Wide range of auger drive units with different torques enables efficient use of 75 mm to 900 mm auger drills**
- **The right drive unit for your work depends on the maximum drill diameter needed. Choose the drive unit from the table below**
- **The replaceable tungsten teeth and center pilot on all auger drills ensure long lifespan also on professional day to day use**
- **2 way swing adapter for HD auger drives. Allows the auger and auger drive to swing sideways also, which means that the hole can be drilled straight no matter how the machine is positioned.**

Drill 75 mm A34225
Drill 100 mm A33601
Drill 150 mm A33608
Drill 200 mm A33609
Drill 225 mm A33610
Drill 250 mm A33611
Drill 300 mm A33612
Drill 350 mm A33613
Drill 400 mm A33614
Drill 450 mm A33615

Drill 500 mm A33616
Drill 600 mm A33617
Drill 750 mm A33618
Drill 900 mm A33619
Extension 500 mm A33546
Extension 800 mm A32532
Extension 1000 mm A33554
2 way swing adapter for HD auger drives A421877

Model	Drills	Torque	Oil flow range	Prod. no
Direct drive	75-300 mm	1355 Nm	20-60 l/min	A37190
HD 45	75-600 mm	2452 Nm	27-65 l/min	A33552
HD 58	75-750 mm	3017 Nm	40-85 l/min	A33551
HD 72	75-900 mm	3874 Nm	50-95 l/min	A34032
XHD 92	75-900 mm	5477 Nm	40-115 l/min	A465758

	220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
Direct drive	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	+	+	+	+
HD 45-72	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	+	+	+	+

✓ compatible + adaptable ✗ incompatible

Trencher

With Avant and trencher you can easily dig narrow trenches without damaging the ground on the digging area. The trencher does a clean trench which can easily be filled with a bucket or a dozer blade. Planetary drive with hydraulic motor guarantee powerful and trouble free operation.

Digging depths are 900 and 1200 mm respectively, depending on model. Digging width is either 100, 150 or 200 mm, depending on the width of the trenching chain.

Trencher chains have tungsten reinforcements to ensure long lasting performance in all soil conditions.

- Trencher is ideal for smaller cable or pipe laying
- Digging speed with a trencher is 2-3 times quicker compared to a backhoe
- Combination of an articulated Avant and trencher leaves almost no marks of digging operations after the work is done. This makes it a perfect solution for gardens and other lawn areas.

- **Very fast and clean way to dig trenches for cables, drains, piping etc.**
- **Digs only 100-200 mm wide trench and moves all ground to the right side of the trench**
- **Minimal damage to the ground on trenching area**

Digging depth	900 mm	900 mm	1200 mm
Digging width	100 mm	150 mm	150 mm
Oil flow range	45-80 l/min	45-80 l/min	55-95 l/min
Product no	A33555	A33557	A35299

Other models (chain width & digging depth) also available, please consult your local Avant distributor.

	220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
900	✗	✗	✗	✗	+	✓	✗	✗	✗	✗	+	+	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	+	✓	✗	✗	✗	✗
1200	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✗	✓	✓	✗	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗

✓ compatible + adaptable ✗ incompatible

Multi function drive unit

The multi function drive unit can be fitted with auger drills and screw pile adapter as always; in addition there are several other attachments available: concrete mixing drum, screw cone log splitter, screening drum, cable/hose reel, carousel broom, rotary hoe, XL weed brush and XL wire rope brush.

There is also a 90 degree angle adapter available as an option, on which the drive unit can be mounted. It turns the the drive unit 90° to the left or right. This means that for instance the carousel broom sweeps on the left/right side of the loader, and the cable/hose reel is crosswise to the loader and winds the cable longitudinally (in parallel to the loader).

- **Torque 1355 Nm**
- **Auger drills and screw pile adapter are mounted on the drive unit like before, in addition following attachments can be fitted: Concrete mixing drum, Screw cone log splitter, Screening drum, Cable/hose reel, Carousel broom, Rotary hoe, Angle adapter 90°, XL weed brush, XL wire rope brush**

Width	550 mm
Height	560 mm
Length	405 mm
Oil flow range	20-60 l/min
Weight	85 kg
Product no	A37190

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	+	+	+	+

✓ compatible + adaptable ✗ incompatible

Attachments on multi function drive unit

A37311 Cable/hose reel
- Inside width 400 mm
- Total width 558 mm
- Reel diameter 190 mm
- End plate diameter 500 mm
- Weight 25 kg
- Can also be mounted on the A37323 Angle adapter 90° ➔ winds the cable in parallel to the loader

A449797 Screw pile adapter, pin type
- Mounts on the inside of the screw pile
- allows attaching the adapter also to screw piles with outside flange
- Mounts on any Avant auger drive unit
- Fits on Ø 60 mm screw piles

A37207 Screening drum
- Intended for screening of soil, gravel and sand
- Volume: 90 l
- Screening sieve with 50x50 mm holes – included also a separate 22x22 mm sieve, which is bolted on the drum when finer screening is required
- Length 605 mm
- Width 500 mm
- Height 461 mm
- Weight 75 kg

A37500 Screw cone log splitter
- Log splitter with a conical splitting screw
- Splitting screw equipped with a replaceable tip
- Also equipped with a log holder bar which prevents the log from rotating during splitting
- Weight 30 kg

A37317 Carousel broom
- Same Ø 1000 m replaceable brush as on A2971 Carousel broom, part no. A32698
- Weight 67 kg
- Can also be mounted on the A37323 Angle adapter 90° ➔ sweeps on the left side of the loader

A37491 Rotary hoe
- For small scale soil cultivating
- Equipped with two knife type blades
- Dimensions:
- Cultivating depth max. 160 mm
- Length 531 mm
- Width 156 mm
- Height 283 mm
- Weight 15 kg

A37323 Angle adapter 90°
- Turns the drive unit 90° to the right or to the left beside the loader
- Length 630 mm
- Width 651 mm
- Height 300 mm
- Weight 41 kg

A429932 XL weed brush
- Efficient weed remover
- Consists of 3 pcs Ø600 mm steel brushes mounted together
- Max. diameter 1240 mm
- Height 375 mm
- Weight 64 kg

A433646 Carousel broom, steel
- Ø 1000 mm brush with steel bristles
- Weight 67 kg

A431157 XL wire rope brush
- Brush with 32 pcs heavy duty wire rope bundles
- Max. diameter 990 mm
- Height 370 mm
- Weight 36 kg

A37395 Concrete mixing drum
- Volume: 140 l water, 90 l ready concrete
- Length 760 mm
- Width 600 mm
- Weight 50 kg

Hydraulic breaker

Avant hydraulic breaker is specially designed for use with Avant loaders. The B120 breaker is a compact but powerful demolition unit with large tool diameter and an oil flow range suited to most Avant loader models.

Avant loader with breaker is a very efficient tool in demolition and refurbishing operations: do the demolition with Avant and breaker, take the debris away with Avant and bucket – very fast and efficient. Another benefit of this combination is its compact dimensions: you can go almost anywhere with this unit.

The B120 breaker features a high tool-weight and power-weight ratio. This means less energy is needed in breaker work, which results in higher production rate and lower fuel consumption. In addition, the Constant Blow Energy (CBE) system features a pressure adjusting valve inside the breaker which controls operating pressure. This allows a wide oil flow range to the breaker with constant high power. The Idle Blow Protection (IBP) ensures the breaker cannot be operated until pressure is placed on tool. This protects the breaker, parts and tool, providing a longer lifetime. IBP can easily be turned on and off in the field if necessary.

Option:
Automatic greasing device A458088
Shield kit (wear plates for cast body protection) A458089

- **Top quality sound isolated hydraulic breaker, very compact and powerful**
- **Constant Blow Energy system allows wide oil flow range to suit most Avant loader models**
- **Idle Blow Protection – less stress on the breaker, longer lifetime**
- **High tool to weight and power to weight ratio – better production rate**
- **Hydraulic hoses and mounting plate are included – the breaker is all ready for work**

Working weight	120 kg
Tool diameter	50 mm
Oil flow range	15-50 l/min
Frequency	750 – 2 250 bpm
Operating pressure	110 - 150 bar
Product no	A457752

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ compatible + adaptable ✗ incompatible

Tarbox

An economic attachment for placing Asphalt, Tar or any Screed materials. Ideal for pathways and areas that a placer machine cannot gain access. The AVANT Tarbox is available in 1500 mm width with 200 mm offset to both sides. A width reducing plate allows narrow trenches or strips to be filled. Material depth control is via screw control. The easy to operate TarBox will increase productivity on any job.

- **Fill via Truck chutes**
- **Simple Hydraulic Discharge**
- **Adjustable Strike plate for easy depth control**

Working width	1500 mm (can be reduced with the width reducing plate)
Volume	315 l
Weight	350 kg
Product no	A438861

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ compatible ⊕ adaptable ✗ incompatible

Asphalt spreader

Asphalt spreader is an efficient and easy to operate attachment for smaller repairs on roads, pavements, yards etc. It is intended for spreading mastic asphalt (guss asphalt) which is made especially for surface repairs. Therefore the spreader doesn't work with traditional asphalt.

The 700 mm wide asphalt strip is spread by driving forward with the loader. This way the new asphalt surface runs between the wheels of the loader. Hydraulically operated hatch at the bottom of the spreader allows spreading right amount of asphalt to the rear compacting plate which compacts the asphalt - additional compacting with an asphalt roller is not necessary. The unit moves on skid shoes made of Hardox steel.

The required aggregate (sand) spreading on asphalt - to make the new asphalt less slippery - can be done at the same time with the rear mounted Avant sand spreader.

- **Easy and fast asphalt surface repairs on roads, pavements, parking lots etc.**
- **Works with mastic asphalt**
- **Rear compacting plate on the spreader compacts the asphalt, additional finishing with asphalt roller is not necessary**
- **Aggregate spreading can be done at the same time with the rear mounted Avant sand spreader**

Working width	700 mm
Total width	902 mm
Volume	360 l
Length	1050 mm
Height	913 mm
Compaction plate height adjustment	0-40 mm
Oil flow range	5-15 l/m
Weight	240 kg
Product no	A427857

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✗	✗	✗	✗	✗	✗	✗	+	+	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	+	✓	✓	+	+	+	+

✓ compatible + adaptable ✗ incompatible

Asphalt grinder

The strong and efficient asphalt grinder (also called cold planer) is an ideal attachment for asphalt road and pavement repairs and utility jobs. It grinds away the asphalt surface up to 80 mm depth, making repair of potholes, utility cuts, small overlays and edge repairs fast and easy. Different types of teeth are available for grinding of asphalt or concrete.

Water spraying system is available as an option. It is mounted on top of the planer and is equipped with 120 l water tank and nozzle bar (same as on Avant collecting broom), membrane pump and strainer filter. Also, 3 pcs Avant 29 kg counterweights can be mounted on the water tank support frame to add weight when grinding hard asphalt etc. material.

If side shift is needed, the hydraulic side shift adapter is available as an option. It requires the optional second auxiliary hydraulics front outlet on the loader.

Option:
Water spraying system
- Mounts on top of the grinder
- Water tank 120 l + nozzle bar (same as on Avant 1500 mm collecting broom & bucket broom), membrane pump & strainer filter
- Max. 3 pcs Avant 29 kg counterweights A35957 can be mounted on the water tank support frame
- Product no. A37386

Cutting teeth:
66392 Asphalt tooth (standard)
66393 Concrete tooth

- **Efficient grinder for asphalt road and pavement repairs and utility jobs**
- **Different type of teeth available**
- **Hydraulic side shift adapter and water spraying system for dust binding available as an option**

Working width	300 mm
Total width	660 mm
Grinding depth	0-80 mm
No. of cutting teeth	29 pcs
Height	480 mm
Length	810 mm
Oil flow range	60-70 l/m
Weight	245 kg
Product no	A432621

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	635*	640	640*	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	R35*	e5	e6	e513	e527
✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✗	✓	✗	+	+	✓	✓	✗	✓	✓	+	✓	✓	✓	✓	✗	✗	✓	✗	✗	✗	✗	✗

*) With Stage V Kubota V1505 engine

✓ compatible + adaptable ✗ incompatible

Concrete mixing bucket

Concrete mixing bucket is a handy tool when you need to make concrete without electricity or when you need to transport or lift the concrete to a place hard to access. The bucket is equipped with a screw shaft and a guard grill on the bucket. Available in two sizes: a 210 l capacity bucket (two versions: emptying from the bottom hatch in the middle of the bucket, or on the left of the bucket), and a larger 320 l concrete mixing bucket, intended for 700 and 800 series, is now available. It is equipped with emptying in the middle of the bucket. Hatch opening is powered by a hydraulic cylinder controlled with an electric directional valve, operation from driver's seat with an electric switch. The bucket is also equipped with a flexible 1350 mm emptying tube which mounts on the bottom hatch. This enables pouring of the concrete further away from the bucket.

- **Easy and efficient way to make concrete in places where electricity is not available**
- **The mixed concrete is easy and effortless to transport and pour into desired place**
- **Self loading - sand can be taken to the bucket directly from the pile**
- **Concrete can be poured to over 2 m height**

Model	200	350
Total width	1490 mm	1700 mm
Screw shaft diameter	400 mm	480 mm
Volume	210 l	320 l
Empty weight	299 kg	420 kg
Oil flow range	60 l/m	60 l/m
Weight at max. capacity	794 kg	1188 kg
Unloading hatch diameter	180 mm	180 mm
Emptying tube length	1350 mm	1350 mm
Product no., emptying in the middle	A36473	A447861
Product no., emptying on the left	A37241	-

	220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
200	✗	✗	✗	✗	✗	✗	✗	✗	+	+	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	+	+	+	+
350	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗

✓ compatible + adaptable ✗ incompatible

Drum type concrete mixer

Concrete mixing drum is a handy tool when you need to make concrete without electricity or when you need to transport or lift the concrete to a place that is hard to reach. Mixing is done hydraulically and emptying is done simply by tipping the drum forward.

- **Economical attachment for more occasional concrete mixing**
- **Easy way to make concrete in places where electricity is not available**
- **Ready mixed concrete is easy to transport and lift to desired place**

Volume	100/170 l (concrete/water)
Operation	hydraulic
Oil flow range	15 l/m
Weight	65 kg
Product no	A36951

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ compatible ⊕ adaptable ✗ incompatible

Vibrating plate

Vibrating plate is designed for earth compacting and is easy to attach to an Avant. Compacting is easy and safe with the vibrating plate connected to Avant's quick attach plate – the operator is not exposed to vibrations or excessive noise.

- **Efficient compacting also in places where bigger compactors don't fit**
- **Fast and easy mounting on Avant**

Weight	150 kg
Plate size	285 x 500 mm
Impact force	900 kg
Impact rate	2000 bpm
Oil flow range	20 l/m
Product no	A21012

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ compatible ⊕ adaptable ✗ incompatible

Disc scraper

Disc scraper is an excellent and cost efficient tool for removing of carpet and floor tiles in demolition and refurbishing jobs. The durable disc takes off old carpet and tiles quickly and effienctly.

- **Efficient and economical carpet remover**
- **Fits on all Avants**
- **Equipped with two Avant 29 kg counterweights A35957**

Disc diameter	560 mm
Length	960 mm
Width	560 mm
Height	507 mm
Weight	83 kg
Product no	A36910

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ compatible ⊕ adaptable ✗ incompatible

Submersible pump

Submersible pump is a very useful attachment for situations where larger amounts of water or other fluids need to be drained from trenches, pits, wells etc. Pumping capacity is as high as 2000 l/min and fluid can be taken up from max. 20 m depth. The pump is equipped with a 16,5 m long discharge hose. The optional 10 m long hydraulic hose kit is available for situations where the pump needs to be used farther away from the loader.

- **Efficient pump for draining of water or other fluids from trenches, pits, wells etc.**
- **Fluid can be taken up from max. 20 m depth**
- **Equipped with 16,5 m long discharge hose**

Pumping capacity max.	2000 l/min
Pumping depth max.	20 m
Aux. hydr. oil flow max.	40 l/min
Width	350 mm
Height	700 mm
Weight	20 kg
Product no.	A36708

Option:
Hydraulic hose kit, 10 m, with multi connector A36707

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	+	+	+	+

✓ compatible + adaptable ✗ incompatible

All-round grapple

This versatile tool can be used for lifting and transporting of many different types of materials which cannot be handled with a normal bucket or pallet fork. The grapple is equipped with a hydraulic cylinder in the upper grapple part and it opens all the way up in vertical position. This, together with the pressing force of the cylinder, gives excellent loading and handling capabilities. Total width is 900 mm - this allows traveling through narrow doorways and working in small spaces.

- **Simple and robust hydraulic grapple for handling of various materials**

Width	Weight	Product no
900 mm	65 kg	A110

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✓	✓	✓	+	+	+	+	+	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗

✓ compatible + adaptable ✗ incompatible

Silage fork

A robust silage fork equipped with a powerful hydraulic cylinder, can be fitted on all Avant loader models. The strong blade type pins of the grapple penetrate into all types of feed. The fork has replaceable lower tines made of reinforced steel. The grapple goes up to vertical position and this, together with the powerful cylinder enables easy grabbing e.g. on a round bale.

- **Compact model, which is well suited for silage distributing in small and confined places.**
- **The front edges on the forks are rounded, which offers a smaller turning diameter**
- **Mounting plate which increases tipping angle by 17 degrees is available as an option**

Width	Weight	Product no
800 mm	120 kg	A428328
900 mm	126 kg	A36299
1050 mm	138 kg	A36313
1300 mm	160 kg	A36319

Option:
Mounting plate which increases tipping angle by 17 degrees A36337
(only for special applications, risk of puncturing the front tyres)

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
+	+	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	+	+	+	+	+	+	+	+	✓	✓	✓	✓	✓	✓	✓

✓ compatible + adaptable ✗ incompatible

XL Silage grab

The larger silage grab series is intended for Avant 500, 600, 700 and 800 series loaders, with three different widths to match machines perfectly. The new series can carry up to 30 % more silage without losing visibility on the feeding table. Open grab construction on the top offers better visibility when the grab is open. Strong heavy duty construction with two cylinders. Forged bolt-on tines also on the top grab.

- **Larger silage grab model, designed for larger cow houses and bigger estates**
- **The top grab construction is completely open from the middle → Improved visibility when driving while the grab is open.**
- **Top grab has two cylinders for improved compression power**

Width	Weight	Product no
1300 mm	230 kg	A441007
1450 mm	245 kg	A440998
1600 mm	260 kg	A440586

Option:
Mounting bracket which increases tipping angle by 17 degrees A34587

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ compatible ⊕ adaptable ✗ incompatible

Silage dozer blade

Intended for moving uneaten silage back to the cattle on the feeding table. Mounts on the normal or XL silage grab simply by closing the upper grapple on the dozer blade. The blade can be grabbed with the silage grab from two sides which means that it can move the silage both to the right or to the left. Equipped with a durable nylon blade.

ATTENTION! Available only together with Avant silage forks.

- **Easy and economical way to push uneaten silage back to the cattle on the feeding table**
- **Mounts on normal and XL silage grabs**
- **Can be grabbed from two sides – moves silage to the right or to the left**

Blade length	1800 mm
Working width	1100 mm
Blade height	400 mm
Weight	92 kg
Product no	A37111

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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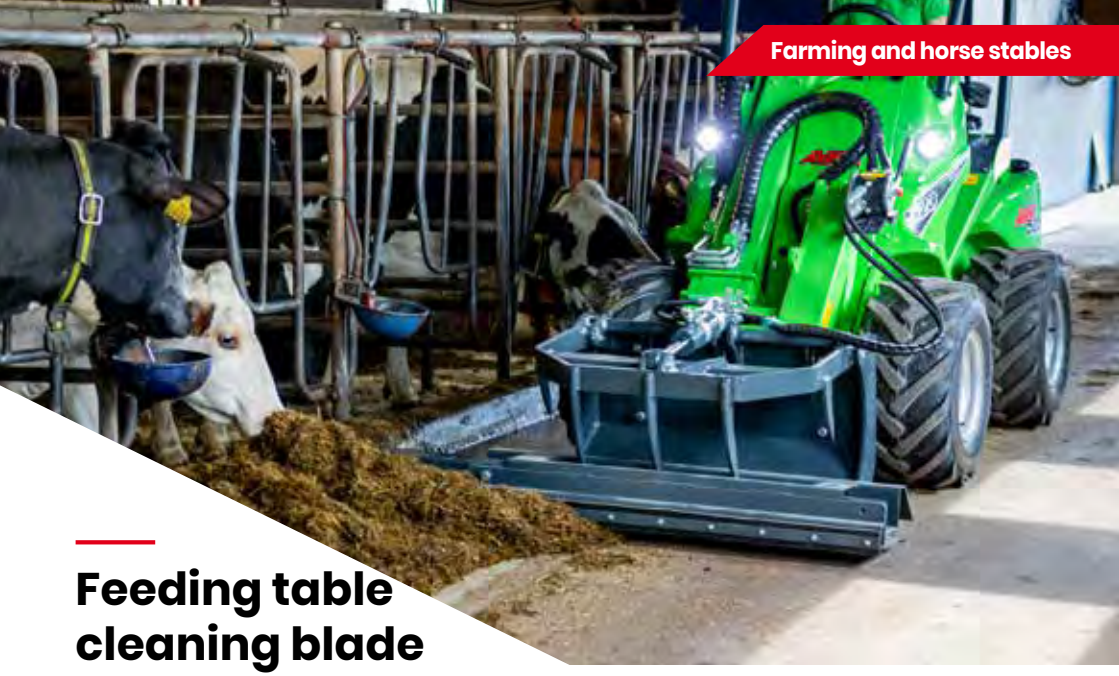

Feeding table cleaning blade

This cleaning blade is specially designed for clearing the cattle feeding table before distributing new silage to the table. The cleaning blade can be mounted by driving the silage fork into the blade, no need to get out of the driver's seat which speeds up the cleaning process, because no attachment change is necessary. The cleaning blade has a rubber lip on the lower surface that ensures good cleaning result.

ATTENTION! Available only together with Avant silage forks.

- **The easiest way to clean the cattle feeding table**
- **Mounts on Avant silage forks: drive the fork into the blade with the grapple open and press the grapple down to lock the blade → no need to get out of the driver's seat.**

Option:
Extra side extension A46337

For silage fork

Width	1200 mm
Side extension width	550 mm
Weight	50 kg
Product no	A2936

For XL silage grab

Width	1650 mm
Side extension width	550 mm
Weight	75 kg
Product no	A35512

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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Silage dispenser

The robust dispenser bucket is equipped with hydraulically driven elevator in the bottom and discharging to both right and left side. Especially recommended for precision chopped silage and feeding stuffs made with feeder mixers. Adjustable side hatches allow controlled distribution of looser materials like crushed grain as well. The dispenser bucket is equipped with straight edge can be filled like a normal bucket directly from floor level. Distributes silage to about 10 cows / fill - it takes approx. 10 minutes to distribute silage to 50 cows. Manual side hatch adjustment is standard feature, hydraulic side hatch operation is available as an option.

- **Quick and easy way to distribute silage**
- **Silage can be distributed to the left or the right side**
- **Can be tilted down to ground level and filled like a normal bucket**
- **Manual side hatch adjustment as standard, hydraulic side hatch operation available as an option**

Volume	650 l
Bucket width	1100 mm
Total width	1360 mm
Height	1200 mm
Oil flow range	30-40 l/m
Weight	328 kg
Product no	A424013

The optional Opticontrol® is required on the loader with hydraulic side hatch operation

Option:
Hydraulic side hatch operation A429734

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✗	✗	✗	+	+	+	+	+	+	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	+	+	+	+

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Feed mover screw

Efficient way of moving uneaten feed back in front of the cattle. When moving, the screw mixes the feed and the fresh feed remains on top.

With the feed mover screw drive speed can be higher, over 10 km/h. Feed is usually moved to the left side with the screw, temporarily it can also be moved to the right, but in this case there is a risk of the screw clogging. The plastic scraper blade at the rear of the attachment cleans the feeding table very efficiently.

- **Fast and easy way of moving feed to the animals**
- **Discharge in both directions**
- **High efficiency, also on larger farms**
- **Scraper blade cleans the feeding table efficiently**
- **Equipped with a protective bar for the screw**

Working width	1400 mm
Total width	1635 mm
Oil flow range	30 l/m
Weight	120 kg
Product no	A452355

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ compatible ⊕ adaptable ✗ incompatible

Silage block cutter

Powerful and robust silage cutters with two hydraulic cylinders. With the silage cutter you can easily cut silage directly from the silo and take it to the cattle. Cutting blades are made of special steel; they cut very efficiently and leave a clean and even surface in the silo. This prevents air getting into silage and warming up. Thanks to the open design of the cutting blade visibility during silage distribution is very good. Lower tines are made of hardened steel.

- **Strong and robust design, cuts efficiently also tightly packed silage.**
- **1000 mm cutter takes silage for 8 cows, 1300 mm cutter for 12 cows at a time.**
- **Open design – good visibility also when distributing the silage**
- **Strong lightweight construction**
- **Tines made of hardened steel**

Width	1000 mm	1300 mm
Weight	245 kg	280 kg
Product no	A21276	A21257

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✗	✗	✗	+	+	+	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	+	+	+	+

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Carousel broom

The hydraulically operated carousel broom is a useful attachment when sweeping materials to the side or away from the wall. Rotates in both directions, can be turned manually to both sides by max. 57 degrees (1090 mm), which allows sweeping next to the wall also. Carousel broom can be used for various sweeping tasks especially in farm environment.

- **Strong broom, moves materials efficiently**
- **Side shift allows brushing next to the wall also**
- **Rotates in both directions**
- **Can be turned manually to both sides, in different positions, by max. 57 degrees (1090 mm) – allows sweeping next to the wall also**
- **Equipped with replaceable 1000 mm diameter nylon brush**

Width	1000 mm
Broom diameter	1000 mm
Turning angle max.	±57°
Broom material	Nylon
Oil flow range	25-55 l/m
Weight	70 kg
Product no	A2971

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
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Round bale grab

With the round bale grab you can lift and transport wrapped silage bales, hay bales and other round bales without damaging the plastic wrapping or net. Sturdy, yet light construction allows best possible effective load (see the table below).

- **The round bale grab transports all wrapped bales without damaging the wrappings**
- **With Avant and bale grab you are able to pile three round bales on top of each other**

Weight	120 kg
Max. bale weight	
Avant 400 series	400 kg
Avant 520/523	550 - 650 kg
Avant 528/530	850 - 950 kg
Avant 600 series	950 - 1050 kg
Avant 700 series	1100 - 1200 kg
Avant 800 series	1100 - 1200 kg
Max. grab width	1500 mm
Bale diameter	950 - 1450 mm
Product no	A21166

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✗	✗	✗	+	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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Bale fork

With the round bale fork transporting and lifting of bales is easy and safe. Square bale fork makes it easy and safe to transport and lift unwrapped square bales.

Strong and simple construction ensures a long lifespan.

- **Easy and economical way to lift and transport bales**
- **Two models: for round and square bales**

Model	Square bale fork	Round bale fork
Width	1005 mm	1220 mm
Length	1145 mm	1150 mm
Weight	58 kg	55 kg
Tines	3 pcs	2 pcs
Product no	A410225	A410224

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✗	✗	✗	+	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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Bedding distributor bucket

The bedding distributor bucket is intended for distribution of different types of beddings in cowhouses, poultry farms etc. The bucket is equipped with a 300 mm wide belt, which allows distribution of chopped straw, sawdust, peat, bark, wood shavings, sand and lime. Belt speed is steplessly adjustable.

The bucket is equipped with a mixing shaft which distributes the material evenly on the belt. Discharge to the left or to the right. Rubber scraper blade, destined for cleaning the floor grates, is available as an option. It mounts under the bucket.

- **Efficient distribution of various types of beddings in cowhouses, poultry farms etc.**
- **Equipped with 300 mm wide belt – belt speed steplessly adjustable by adjusting engine revs**
- **Discharge to the left or to the right**
- **Rubber scraper blade for floor cleaning available as an option**

Volume	800 l
Belt width	300 mm
Belt speed	0-10 m/s, steplessly adjustable
Width	1400 mm
Oil flow range	30-40 l/m
Weight	340 kg
Product no	A36532

Option:
Rubber scraper blade A37162

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✗	✗	✗	+	+	+	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	+	+	+	+

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Manure fork

Avant manure fork is a very useful attachment, designed for detaching and handling of manure and similar materials. The strong tines, made of high tensile forged steel, penetrate also into compacted manure and can carry a heavy load.

- **Strong fork for handling of manure and similar materials**
- **Equipped with bolt-on replaceable tines, made of high tensile forged steel**

Width	1100 mm
Tine length	1000 mm
Total length	1110 mm
Height	415 mm
Weight	60 kg
Product no	A36038

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	+	+	✓	✓	✓	✓	✓	✓	✓

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Grain/flour dispenser bucket

Avant grain dispenser is a 300 l bucket equipped with a hydraulic motor and a Ø 200 mm screw, destined for distribution of flour, crushed grain etc. The bucket is available in two versions: with discharge either to the right side or to the left side.

The edge of the grain dispenser tilts all the way down so that loading from ground level is easy.

- **Easy distribution of flour, crushed grain etc.**
- **Self-loading when needed: loading from ground level like with a normal bucket is also possible**
- **Two versions available: discharge to the right or to the left**

Volume	300 l
Width	1100 mm
Oil flow range	30 l/m
Weight	90 kg
Product no., discharge to the right	A1194
Product no., discharge to the left	A36559

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	+	+	✓	✓	✓	+	+	+	+

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3 point hitch adapter

With the 3 point hitch adpater it is possible to move agricultural attachments with Avant, for instance for storage, cleaning etc. This can be practical especially when space is limited and handling with tractor is difficult. Also the trailer ball hitches can be mounted on the 3 point hitch adapter.

Notice: Please also read the disclaimer on page 186 about mounting the adapter on Avant loaders

- **Easy way to handle agricultural attachments with Avant**
- **Equipped with CAT2 tractor hitch as standard - CAT1 mounting kit is available as an option**
- **Avant trailer ball hitches can also be mounted, as an option**

Type	CAT 2
Weight	57 kg
Product no	A36433

Option:
CAT1 mounting kit A418980
Trailer ball hitch 50 mm A417323
Trailer ball hitch 50 mm with towing pin A417337

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
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Slurry mixer

Slurry mixer is a special attachment for cattle farms: in cattle buildings with slatted floors, where the animal waste falls through the slats directly to the storage tank below the floor. The slurry that forms in the tank needs to be mixed from time to time in order that it stays liquid and moves towards the bigger slurry container which is usually located outside the building.

The unit is equipped with a propeller which mixes the slurry, powered by a hydraulic motor. The mixer is 25 mm thick and 490 mm wide so that it fits through/between the floor slats into the storage tank. Working depth is max. 1,5 m. There is also a bolt at the upper end of the mixing shaft which shows when the mixer can be lifted up through the slat: when the bolt is crosswise in relation to the loader. The mixer is also equipped with a coupling for water hose at the upper end of the frame tube. Water is conducted inside the tube down to the mixing propeller.

- **Special attachment for mixing of slurry in cattle buildings with slatted floors**
- **Equipped with a propeller, powered by a hydraulic motor, which mixes the slurry**
- **Fits through/between the floor slats into the storage tank below – no need to remove the heavy concrete slats**
- **Galvanized steel frame, mixing shaft and propeller made of acid-resisting steel**
- **Coupling for water hose on the frame tube**

Frame thickness x width	25 mm x 490 mm
Working depth max.	1500 mm
Total width	550 mm
Length	920 mm
Height	2155 mm
Oil flow range	20-30 l/m
Weight	75 kg
Product no	A37389

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
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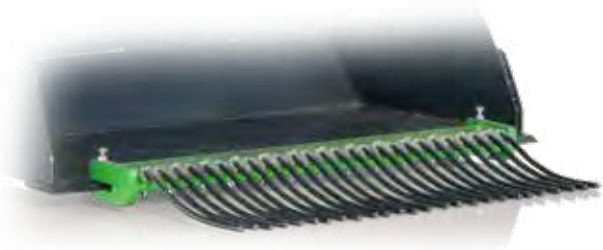
Horse manure collector

Horse manure collector is a simple and economical way to collect horse manure. It works well on many surfaces (saw dust, horse arenas). Mounts directly on any Avant bucket.

- **Simple and economical way to collect horse manure**
- **Mounts on Avant general and light material buckets**



Width	950 mm
Weight	29 kg
Product no	A36292

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
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Front cultivator

Front cultivator can be used for instance together with the horse arena harrow. Especially useful in a more compacted arena or an outdoor riding area. It is equipped with large tines which loosen the soil and make harrowing of the arena easier. Equipped with two wheels in the front.

- **Efficient and easy way to loosen compacted soil**
- **Equipped with replaceable tines**
- **Can be mounted on all Avants**

Width	1410 mm
Length	725 mm
Height	630 mm
Number of tines	7 pcs
Working depth	0 - 150 mm
Weight	80 kg
Product no	A36555

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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Spring tine cultivator

The towable spring tine cultivator with 1500 mm working width is a useful attachment for the maintenance of outdoor horse arenas, for cultivating fields etc. There are 15 spring loaded S tines with replaceable teeth in two rows which cultivate the soil up to 100 mm depth. Working depth can be adjusted by adjusting the height of the rear field roller.

Compared with the horse arena harrow, the spring tine cultivator goes deeper in the ground whereas the horse arena harrow with straight tines and dozer blade is intended for harrowing and levelling the surface. That's why the spring tine cultivator is suited for arenas with gravel or sand sub-base – where there is no geotextile fabric, rubber or other materials which the tines could dig up. The cultivator is also a great tool for a hobby farmer for cultivating smaller fields and similar surfaces.

Spring tine cultivator works with all articulated Avant loader models. The loader must be equipped with the 50 mm trailer ball hitch. If the optional hydraulic support wheels are mounted on the cultivator, the optional double acting rear auxiliary hydraulics outlet is required on the loader.

Options include manually or hydraulically operated support wheels (same as for horse arena harrow), side wheel and side scraper blade for working close to the wall in indoor arenas.

Options:
- Manually operated support wheels, product no. A36593
- Hydraulically operated support wheels, product no. A37547. The loader must be equipped with the optional double acting rear auxiliary hydraulics outlet.
- Side wheel A418962
- Side scraper blade A36471
- Quick attach plate A449060

- **Useful attachment for maintenance of outdoor horse arenas, cultivating fields etc.**
- **Equipped with 15 pcs S type tines with replaceable teeth**
- **Working depth up to 100 mm, adjusted with the rear field roller**
- **Support wheels (manual or hydraulic), side wheel and side scraper blade available as an option**

Working width	1530 mm
Working depth	0 – 100 mm
Weight	185 kg
Product no	A442314

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
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Horse arena harrow

The horse arena harrow is intended for levelling and loosening of horse arena riding surfaces. The harrow has two spring loaded tine rows which loosen the surface, a leveller that makes the surface completely even and a tilling roller that compacts the ground and leaves a finished surface perfectly suited for horse's hoof. The harrow doesn't damage the lower levels (understructure) of the riding surface.

The horse arena harrow features:

- A clearing shovel which takes away and levels the sand from the sides of the riding arena.
- A tilling roller that smoothens the harrowed ground and leaves a finished surface.
- A large wheel that protects the walls of the riding arena in case the harrow hits the wall.

Options:
- Manually operated support wheels, product no. A36593
- Hydraulically operated support wheels, product no. A37547. The loader must be equipped with the optional double acting rear auxiliary hydraulics outlet.
- Weights with handle, 29 kg, which can be mounted on the harrow to increase weight and make harrowing more efficient. With two weights the harrow works on almost any surface. The weight is the same extra weight as on Avant loader, product no. A35957.
- Water spraying system, product no. A37065
- Quick attach plate A449060
- Curved tine A469758 (1 pc). You will need 14 tines on Harrow.

- **A professional harrow that makes it easy to keep the horse arena in top condition**
- **Can be adjusted for several kinds of riding surfaces**
- **Once the adjustments have been done the harrow is very easy to use**
- **Two types of support wheels – manually or hydraulically operated - available as an option: the harrow can be lifted off the ground and towed to desired place**
- **Water spraying system available as an option, with 120 l water tank**

Working width	1530 mm
Weight (without 29 kg extra weights)	165 kg
Product no	A21646

The optional Opticontrol® is required on the loader with water spraying system

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✓	✓	✓	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ compatible ⊕ adaptable ✗ incompatible

Big bag transporter

With the big bag transporter you can lift and transport big bags safely and securely. This simple attachment makes loading of fertilizer or stacking big bags as easy as it can get.

- **An inexpensive and safe way to handle big bags**
- **Lift hook can be adjusted in four different heights between 1200 - 1800 mm**

Lift hook height	1200/1400/1600/1800 mm
Width	1100 mm
Weight	60 kg
Product no	A36221

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✗	✗	✗	✗	✗	+	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ compatible + adaptable ✗ incompatible

Stone collecting bucket

The stone collecting bucket - also known as riddle bucket - is intended mainly for collecting stones from the fields after the field has been harrowed. With an Avant it is easy and fast to collect stones from nearby fields.

- **Easy and fast way to collect stones from fields**
- **Equipped with strong and durable bars**

	Width	Bar diameter	Weight	Product no
1050	1050 mm	22 mm	98 kg	A2999
1370	1370 mm	30 mm	220 kg	A415432

	220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
1050	✗	✗	✗	+	+	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	+	+	+	+	+	+	+	+	✓	✓	✓	✓	✓	✓	✓
1370	✗	✗	✗	✗	✗	✗	✗	✗	+	+	+	+	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	+	+	+	+

✓ compatible + adaptable ✗ incompatible

Calf box

Calf box is a safe and easy way to transport calves on cattle farms. It is equipped with a gate and plywood floor. Castor wheels for easy moving of the box by hand are available as an option (solid plastic wheels or pneumatic tires).

- **Safe and easy way to transport calves on cattle farms**
- **Robust construction**
- **Equipped with a gate & plywood floor**
- **Castor wheels available as an option**

Width	1020 mm
Length	1381 mm
Height	1275 mm
Max. load	500 kg
Weight	140 kg
Product no	A445704

Options:
Castor wheels, solid plastic, 4 pcs (will increase height by 165 mm) A418506
Castor wheels, pneumatic tires, 4 pcs will increase height by 235 mm) A420800

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✗	✗	✗	✗	✗	+	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ compatible + adaptable ✗ incompatible

Generator

Make electricity with Avant! – The generator is equipped with 1x400V and 2x230V outlets. Generator can be used as a power source for power tools and small electrical appliances in places where net current is not available. High quality generator also guarantee electric current supply during power outages.

- **Make electricity with Avant in places where mains current is not available**
- **For power tools, small electric appliances and electricity during shorter power outages**

Power	6,5 kVA
Outlets	2x230 V & 1x400 V
Oil flow range (Auxiliary hydraulics)	26-40 l/m
Product no	A35408

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✓	✓	✗	✗	+	✗	+	✗	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓	✓	✗	✗	✗	✗

✓ compatible + adaptable ✗ incompatible

Compressor

Makes it possible to have compressed air anywhere you go. Creates max. 400 l/min air flow @ 8 bar pressure. Can be used for running power tools and, for example, filling of large tyres in places where electric current is not available, and for cleaning of big machines like combined harvesters etc.

- **Easy way to get compressed air e.g. for pneumatic power tools**
- **Makes it possible to fill large tyres (agricultural & construction machines for example) in places where electric current is not available**
- **Fast cleaning of big machines with compressed air: combined harvester, construction machinery etc.**

air flow / pressure	max. 400 l / 8 bar
Oil flow range (Auxiliary hydraulics)	10-21 l/m
Product no	A35409

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	+	+	+	+

✓ compatible + adaptable ✗ incompatible

Pressure washer

Powerful pressure washer with 20 m hose reel and a washing gun; easy to take anywhere with the Avant. Creates max. 30 l/min water flow @ 200 bar pressure. Can be connected directly to tap water supply, or water can be taken with the inlet hose from any reservoir. Can suck water via inlet hose from as much as 3 m below the level where the unit is. This is a very useful feature when taking water from a tank, reservoir, lake etc.

- **Powerful washer with high max. water flow and pressure**
- **Can be connected directly to tap, or with the inlet hose take water from as much as 3 m below ground level**
- **Equipped with 20 m hose reel and washing gun**

Max. water flow	30 l/min @ 200 bar
Oil flow range (Auxiliary hydraulics)	20-30 l/m
Product no	A35411

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✓	✓	✓	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	+	+	+	+

✓ compatible + adaptable ✗ incompatible

Winch

The Avant hydraulic winch enables towing of all kinds of objects (e.g. logs, poles, boats) from places where you cannot drive with the machine.

The winch is equipped with a safety net, 30 m of wire rope and a towing hitch. It is powered by a powerful hydraulic motor and mounts on Avant's quick attach plate. Use of the winch is simple, one person can easily handle it. Auxiliary hydraulics control lever is switched to continuous flow (locking position) from the driver's seat, which releases the wire drum so that the wire can be pulled out by hand. When the wire is attached to the desired object, operator returns to driver's seat and turns the auxiliary hydraulics lever to opposite direction and the winch begins to reel in the rope. The winch stops as soon as the auxiliary hydraulics control lever is released.

- **Powerful and compact hydraulic winch for various tasks**
- **The winch is mounted directly on Avant's quick attach plate, so you are also able to use the boom for lifting materials with the winch.**
- **Equipped with wire rope guiding rollers**

Max. Pulling power	1000 kp
Max. Reeling speed	0,5 m/s @ 20 l/min
Wire length	30 m
Oil flow range	10-20 l/m
Weight	105 kg
Product no	A36960

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
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✓ compatible + adaptable ✗ incompatible

Tree shear

Avant tree shear is an efficient and useful tree cutter, intended for forest thinning, tree clearance and similar jobs where smaller trees need to be cut. The strong grapple takes a firm grip of the tree trunk and a hydraulic cylinder pushes the cutting blade against the trunk and cuts it. The tree is then easy and fast to move away with Avant. If needed, the cutting blade can be turned 180 degrees to point backwards. This means it doesn't cut and the unit can be used as a grapple only.

- **Powerful tree cutter for max. 190 mm diameter trees**
- **Excellent tool for forest thinning, tree clearance etc.**
- **Thanks to the strong grapple the tree is easy to take away with Avant**
- **Can also be used as a grapple only, by turning the cutting blade to point backwards**

Tree diameter	max. 190 mm
Grapple opening	770 mm
Weight	110 kg
Product no	A35831

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
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✓ compatible ⊕ adaptable ✗ incompatible

Log grab, heavy duty

A strong log grab for customers who need to move tree trunks, logs etc. often. The grab takes a firm grip on the wood and the lower tines are also better formed for grabbing bigger tree trunks.

- **Strong log grab, also for more professional and frequent log handling**
- **Heavy duty design allows grabbing of bigger tree trunks as well**
- **Grabbing and transporting of bigger stones and similar objects also possible**

Width	845 mm
Height	990 mm
Weight	180 kg
Product no	A415691

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✗	✗	✗	✗	✗	✗	✗	+	+	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	+	✓	✓	+	+	+	+

✓ compatible + adaptable ✗ incompatible

Log grab

The Avant log grab mounts on Avant pallet fork. With the log grab you can lift and transport single logs or smaller timber bundles. The grab is equipped with a powerful hydraulic cylinder and can therefore also lift bigger stones, as well as branches, fence poles and similar objects.

Requires also:

Pallet fork 850 mm or

Pallet fork 1100 mm or

Pallet fork 1200 mm

- **Easy mounting on pallet fork**
- **Basic attachment for fencing and forest work**
- **Grabbing and transporting of stones and similar objects also possible**

Max. diameter to grab	900 mm
Min. diameter to grab	180 mm
Weight	50 kg
Product no	A33503

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ compatible ⊕ adaptable ✗ incompatible

Timber grab

Timber grab is an attachment that allows you to grab tree trunks, branches, wood waste, kerb stones etc. and transport them both lengthwise and crosswise. This makes it possible to pass through narrow places also with long logs and enables loading on trailer or on a pile in any direction. Timber grab is available either with a hydraulic rotator or as freely rotating version. If the loader is equipped with the 6 or 8 function joystick, all functions of the grab with hydraulic rotator (grab opening/closing, rotation) can be operated with the switches on the optional Opticontrol® switch pack.

- **Versatile grab for transporting and loading of tree trunks, branches, kerb stones etc.**
- **Rotating grab allows transporting also lengthwise - makes it possible to pass through narrow places with long logs and facilitates work in dense forest**
- **Available with hydraulic rotator or as freely rotating version**

Rotation type	Freely rotating	Hydraulic rotation
Grapple opening diameter	1223 mm	1223 mm
Grip area	0,16 m^2	0,16 m^2
Oil flow range	10-20 l/min	10-20 l/min
Weight	116 kg	136 kg
Product no	A37457	A37456

The optional Opticontrol® is recommended with grab with hydraulic rotator, for operating the grab opening/closing and rotation (requires also 6 or 8 function joystick on the loader).

Option:
Arborist kit (tree pusher) A427744
Lock valve, mounting kit, on grab cylinder A436627

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ compatible ⊕ adaptable ✗ incompatible

Timber grab HD

The heavy duty timber grab is equipped with a stronger boom and hydraulic rotator and larger grapple. It is intended especially for Avant 700 and 800 series. The arborist kit which mounts on the boom is also standard feature. When cutting a tree you can push the tree down with it if necessary, instead of pushing by hand. It is also possible to attach a rope on the bracket on the kit, which enables towing the logs by pulling them with the loader.

- **HD grab with stronger boom and rotator and larger grapple**
- **Arborist kit as standard**
- **Intended especially for 700 and 800 series**

Rotation type	Hydraulic
Grapple opening diameter	1340 mm
Grip area	0,2 m^2
Oil flow range	10-20 l/min
Weight	280 kg
Product no	A438973

The optional Opticontrol® is recommended with grab with hydraulic rotator, for operating the grab opening/closing and rotation (requires also 6 or 8 function joystick on the loader).

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✗	✗	✗	✗	✗	+	+	+	+	+	+	+	+	+	+	+	+	+	+	✓	✓	✓	✓	✓	✓	✓	✓	+	+	+	+	+	+	+

✓ compatible + adaptable ✗ incompatible

New

Rotating HD grapple

There are two HD grapple models which mount directly on the attachment coupling plate of the loader: one with a hydraulic motor + slewing bearing, allowing unlimited (continuous) rotation in both directions, and one without rotator. They have a different type grapple from the timber grabs. The HD grapple can handle timber as well, but thanks to its sharp claws it can also pick up stones, roots and smaller stumps, as well as remove bushes and other vegetation.

- **Heavy duty grapple, mounts directly on the attachment coupling plate of the loader**
- **Two models: with unlimited rotation powered by hydraulic motor + slewing bearing, or without rotation**
- **Thanks to sharp claws can pick up stones, roots and smaller stumps, as well as remove bushes etc. vegetation**

Rotation type	No rotation	Hydraulic
Rotation	-	unlimited 360°
Grapple opening diameter	1340 mm	1340 mm
Grip area	0,2 m²	0,2 m²
Oil flow range	10-20 l/min	10-20 l/min
Weight	160 kg	240 kg
Product no	A436473	A466711

The optional Opticontrol® is recommended with grab with hydraulic rotator, for operating the grab opening/closing and rotation (requires also 6 or 8 function joystick on the loader).

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✗	✗	✗	✗	✗	+	+	+	+	+	+	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	+	+	+	+	+	+	+

✓ compatible + adaptable ✗ incompatible

New

Forestry mulcher

Forestry mulcher is intended for clearing bushes, brushwood and similar vegetation. It can also cut and crush small trees and grind small tree stumps - above ground level. The mulcher features direct hydraulic drive: a hydraulic motor is mounted on the rotor which is equipped with crushing and mulching type carbide teeth.

There is a hydraulically operated hood in front of the rotor. With the hood open it is possible to cut down standing trees and brush. This way the wooden material goes better in the rotor and does not bend under the mulcher before it cuts. When the hood is closed it prevents material from ejecting and improves mulching.

The mulcher is equipped with a horizontal push bar in the front. It guides the material that is being cut, and the push bar can also be used for moving and turning fallen trees and branches if needed.

Support skid shoes and adjustable counterblades in the rear and in the front are also standard equipment. Knife type cutting blades are available as and option, as well as a hydraulic oil cooler for very demanding conditions. Operation of the hydraulic oil cooler requires the optional Opticontrol® on the loader.

An enclosed cab (GT, DLX or LX) is mandatory on the loader when working with the forestry mulcher, due to the risk of material ejecting from the mulcher.

Options:

Hydraulic oil cooler	A458046
Knife type cutting blade	A450266

- **Efficient attachment for clearing bush, brushwood, smaller trees etc.**
- **Direct hydraulic drive, rotor equipped with durable carbide teeth**
- **Hydraulic front hood, horizontal push bar and support skids as standard**
- **Knife type cutting blades and hydraulic oil cooler available as an option**
- **Requires an enclosed cab on the loader**

Working width	1350 mm
Total width	1670 mm
Number of blades	27 pcs
Length	830 mm with push bar, 610 mm without push bar
Height	960 mm with push bar, 530 mm without push bar
Rotor rotating speed	2000 rpm (at 65 l/min oil flow)
Oil flow range	60-70 l/min
Weight	440 kg
Product no	A457772

Requires the optional Opticontrol® on the loader. The loader must be equipped with enclosed cab (GT, DLX, LX) when working with the forestry mulcher.

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✗	✓	✓	✗	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗

✓ compatible ⊕ adaptable ✗ incompatible

Log splitting machine

Log splitting machine is the right attachment when you have cut logs and need to make firewood quickly and easily. It is equipped with two-hand operation for increased safety: there are two control levers which have to be activated with both hands before the splitting cylinder will push the log against the splitting wedge. Splitting speed and force can be adjusted if needed.

The controls, splitting cylinder and wedge are protected with a guard, as required by the safety standards. Height of the splitting wedge is easily adjustable with a manual lever, allowing splitting either into two or into four pieces. After splitting the logs move on a catcher tray. The splitter is equipped with automatic reverse and cylinder stroke can be adjusted for shorter logs so that unnecessary travel of the cylinder is minimized, thus speeding up the work.

Transportation is easy – the splitter mounts on the attachment coupling plate of the loader.

- **Economical, powerful log splitting machine**
- **Max. log length 550 mm, diameter 300 mm**
- **Splitting force 7,6 tons**
- **4 way splitting wedge with manual height adjustment allows splitting into two or four pieces**
- **6 and 8 way splitting wedges available as an option**

Max. log length	550 mm
Max. log diameter	300 mm
Max. splitting force	7,6 tons
Oil flow range	20-30 l/min
Weight	193 kg
Product no	A443284

Options:
A467371 6 way splitting wedge
A467316 8 way splitting wedge

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
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✓ compatible + adaptable ✗ incompatible

Horizontal log splitter

Horizontal log splitter is the most economical and simple way to make firewood with Avant. It mounts on the attachment coupling plate of the loader and is operated from the driver's seat. Splitting happens by picking up the log with the splitter and pushing it against the splitting wedge. The log can also be held with the splitter and transported to desired place for splitting.

Splitting force is 7,6 tons. Maximum log length is 660 mm and diameter 300 mm.

A 4 way splitting wedge is standard equipment, allowing splitting into two or four pieces; a 6 and 8 way wedgea are available as an option. Wedge height adjustment is manual as standard, hydraulic height adjustment is available as an option.

Options:
A443782 6 way splitting wedge
A453702 8 way splitting wedge
A443834 Hydraulic splitting wedge adjustment

- **Horizontal log splitter, mounts on the attachment coupling plate of the loader**
- **Max. log length 660 mm, diameter 300 mm**
- **Splitting force 7,6 tons**
- **4 way splitting wedge as standard, 6 and 8 way wedges are available as an option**
- **Manual wedge height adjustment as standard, hydraulic adjustment available as an option**

Max. log length	660 mm
Max. log diameter	300 mm
Max. splitting force	7,6 tons
Oil flow range	20-30 l/min
Weight	118 kg
Product no	A443168

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✗	✗	+	+	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ compatible + adaptable ✗ incompatible

Log cutter/ splitter

The log cutter/splitter is a very efficient firewood making machine: a hydraulically driven chain saw cuts the log, after cutting the log drops automatically on the splitting table where a hydraulic cylinder pushes the log against the splitting wedge. Height of the splitting wedge can easily be adjusted according to the log diameter. A 4 way splitting wedge is standard equipment; 6 way wedge is available as an option. Saw chain lubrication is automatic – there is a separate oil tank on the cutter/splitter for lubricant.

The cutter/splitter features safety guards required by the newest standards. The guards control safety functions: they must be completely closed, otherwise the infeed belt, chainsaw and splitting cylinder don't work. It is also equipped with a hydraulic infeed belt and a discharge conveyor as standard. Hydraulic log lifter is available as an option.

The optional 10 m long hydraulic hose kit allows using the cutter/splitter as free standing, farther away from the loader if necessary.

- **Powerful and safe log processor**
- **Max. log length 500 mm, diameter 310 mm**
- **Automated functions make work safe and efficient**
- **Hydraulic infeed belt and discharge conveyor as standard, log lifter available as an option**

Max. log diameter	310 mm
Max. log length	500 mm
Saw flange	13"
Max. splitting force	5,6 tons
Conveyor belt length	2,3 m
Oil flow range	30-35 l/min
Weight with conveyor	488 kg
Weight with conveyor and log lifter	533 kg
Product no	A446852

Options:
A446881 Hydraulic log lifter (not with 400 series)
A448076 Hydraulic hose kit, length 10 m
(allows using the log cutter/splitter farther away from the loader)
A446992 6 way splitting wedge

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✗	✗	✗	✗	✗	+	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	+	+	+	+

✓ compatible + adaptable ✗ incompatible

Wood chipper CH100

Wood chipper CH100 is a compact and robust disc chipper which works also on Avant 200 series 2 and 400 series. With it you can chip branches and small trees up to 100 mm diameter - an ideal tool for chipping wood in smaller scale. Two knives and an anvil take care of chipping and feeding. Wood feeding is manual.

- **Robust and compact disc chipper, works on 200 series 2 and 400 series as well**
- **Excellent tool for chipping branches and small tree trunks**
- **Manual feeding and discharge chute rotation (can be turned to discharge to the right or to the left)**
- **Equipped with safety stop system**
- **Complies with the newest EN 13525 standard for wood chippers**

Max wood diameter	100 mm
Chip length	appr. 12 mm
Number of blades	2 pcs
Chipping drum	Hydraulic motor with direct drive
Chute turn	180 degrees (can be mounted to eject to the right or to the left)
Oil flow range	30-40 l/min
Weight	224 kg
Product no	A467241

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✓	✓	✓	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	+	+	+	+

✓ compatible + adaptable ✗ incompatible

Wood chipper CH180

The CH180 wood chipper is an efficient and modern disc chipper, equipped with 4 blades and intended for Avant 600-800 series. It takes in dry twigs, branches and tree tops up to 180 mm diameter and makes 12 mm long chips. Material is loaded manually in the infeed chute, but the chipper is equipped with hydraulic feeding rollers and Smart Feed system which monitors rotating speed of the cutting disc. If too much wood is loaded in the infeed chute and the speed of the disc slows down considerably, the rollers reverse a bit which prevents blocking and stopping of the chipper. The adjustments of the Smart Feed system can also be programmed if necessary.

Discharge chute can be rotated manually 290°, and throwing height can also be adjusted by hand. Thanks to the modular design maintenance is easy, and with the discharge chute turned into transport position the CH180 is a compact package.

CH180 complies with the latest EN 13525 standard for wood chippers. It meets the criteria of the standard regarding the distance between the infeed chute and blades (min. 1500 mm), and infeed chute's bottom must be at least 600 mm above the ground. The Smart Feed rotation control system also includes an electric emergency stop switch.

- **Powerful wood chipper for professional use**
- **Smart Feed hydraulic feeding system and cutting disc speed monitoring (no-stress in-feed control) make chipping easier and more efficient**
- **Meets the requirements of latest safety standards for wood chippers, including electric emergency stop switch**

Chip length	12 mm
Max wood diameter	180 mm
Number of blades	4 pcs
Feeding system	hydraulic, Smart Feed
Discharge chute rotation	manual, 290°
Oil flow range	50-85 l/min
Weight	380 kg
Product no	A441997

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	635*	640	640*	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	R35*	e5	e6	e513	e527
✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	+	✓	+	✓	✓	✓	✓	+	✓	✓	✓	✓	✓	✓	✓	✗	✗	✓	+	✗	✗	✗	✗

*) With Stage V Kubota V1505 engine

✓ compatible + adaptable ✗ incompatible

Hydraulic side shift adapter

The hydraulic side shift adapter offers easy, stepless side shift of attachment, operated from the driver's seat. The solid and robust design features strong sliding guides which can also be lubricated. The quick attach plate on the adapter can be mounted in three different positions: on the left or on the right or in the middle of the adapter. This gives three different side shift options: 500 mm side shift to the right or to the left, or 250 mm side shift in both directions.

If a hydraulic attachment – 4 in 1 bucket, flail mower, cold planer etc. – is mounted on the side shift adapter, the loader must be equipped with the optional second auxiliary hydraulics outlet in the front, so that the attachment hoses are mounted on the multi connector and the side shift adapter hoses on the optional second outlet.

- **Easy, stepless hydraulic side shift of the attachment, operated from the driver's seat**
- **Side shift max. 500 mm to the right or the left, or 250 mm in both directions, depending on the mounting of the adapter's attachment plate**
- **Max. load 1.000 kg**

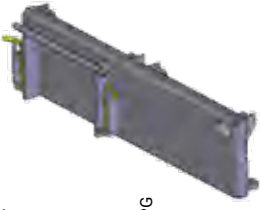
Width	1270 mm
Height	434 mm
Length	218 mm
Weight	115 kg
Product no	A37235

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
adaptable	adaptable	adaptable	adaptable	adaptable	adaptable	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible

Side shift adapter

Side shift adapter is a rigid adapter plate which mounts on the loader's attachment coupling plate. It is equipped with two quick attach brackets, side by side, for mounting on the loader's attachment coupling plate. Quick attach pins for the attachment are on the opposite side of the adapter. This means that the attachment can be mounted on the adapter in two different positions:

- with side shift: the attachment is 600 mm to the side from the centerline of the loader's attachment coupling plate
- without side shift: the attachment is mounted on the brackets which are against the loader's attachment coupling plate



- **Moves attachment 600 mm to the side from centerline**
- **Two models available: 600 mm side shift to the right or to the left**

Side shift adapter	600 mm, right	600 mm, left
Width	1150 mm	1150 mm
Height	265 mm	265 mm
Length	157 mm	157 mm
Weight	45 kg	45 kg
Product no	A37097	A37166

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible

compatible adaptable incompatible

Side shift arm 1200

The rigid side shift arm is a side shift adapter which places the attachment 1200 mm to the side from the centerline of the loader's attachment coupling plate. There are quick attach brackets at each end of the arm, which means the attachment can be either on the right or on the left side of the loader. Max. load on the arm is 500 kg. It allows mowing on the side of the loader with the flail mower, cutting bar etc.

The side arm is equipped with a manually operated support leg and a 1200 mm long hydraulic hose kit (3 hoses) in case the attachment's standard hoses are not long enough to reach the multi connector on the auxiliary hydraulics outlet of the loader.

- **Rigid side arm, places the attachment 1200 mm to the side**
- **Allows mowing on the side of the loader with flail mower, cutting bar etc.**
- **Quick attach brackets at each end – attachment can be on the right or on the left side of the loader**

Length	1962 mm
Weight	60 kg
Max load	500 kg
Product no	A449089

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Attachment rotator

Attachment rotator makes it possible to rotate the attachment 360° continuously (endlessly) in both directions. This is useful in many jobs, for instance when emptying boxes which need to be turned upside down, or when turning a wide attachment in vertical position. Two models available: with hydraulic rotator and with mechanical rotator which can be turned manually and locked with a locking pin in 45 degrees steps.

- **Makes it possible to empty boxes by turning them upside down, lifting of pallets on uneven ground, turning the attachment 360° etc.**
- **Mounts between the attachment and the quick attach plate of the loader**
- **Two models: with hydraulic rotator or with mechanical/manual rotation**

New

Model	mechanical	hydraulic
Rotation	lockable 45° steps	Continuous (360 degrees)
Rated max load	1000 kg	1000 kg
Weight	44 kg	96 kg
Product no	A463997	A424406

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ compatible adaptable ✗ incompatible

Tilt adapter

Avant tilt adapter is mounted between the attachment and the loader's attachment coupling plate. With it the attachment can be tilted sideways, and makes it possible to:

- Make different forms to the ground with a bucket or leveller
- Keep pallet fork level when you are driving on surfaces with gradient
- Load pallets that are on uneven ground
- Level ground on uneven surfaces

There are two tilt adapters available:

- Tilt adapter with max. 12,5 degree tilting in both directions. It is intended for buckets, leveller and pallet fork – for jobs where tilting is a must but the tilting angle doesn't have to be big
- Tilt adapter with max. 90 degree rotation, or 45 degree tilting in both directions. It is useful in applications where the attachment needs to be rotated more in order to get the job done: with grabbing tool (rotating of barrels etc.), rock drill, artificial turf attachment (to fit through narrow doors) etc.

The hydraulic cylinder of the 90 degree tilt adapter can be mounted in two different positions, which gives two tilting angles: either 45° tilting in both directions, or 90° rotation in one direction. The tilt adapter is intended mainly for non-hydraulically operated attachments, but with the optional second auxiliary hydraulics outlet in the front it is possible to mount also hydraulically driven attachments like a 4 in 1 bucket, pallet fork with hydraulic fork adjustment, grabbing tool, artificial turf attachment and rock drill at the same time.

- **Makes it possible to tilt the attachment sideways and e.g. grade the ground with a bucket or leveller, or load pallets on uneven ground with pallet fork**
- **Mounts between the attachment and the quick attach plate of the loader**
- **Two models: with max. ± 12,5° tilting or with max. 90° / ± 45° rotation**

Max. tilt	±12,5°	90°, or ±45°
Rated max load	1700 kg	1200 kg
Weight	65 kg	85 kg
Product no	A34148	A36505

	220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
A34148	adaptable	adaptable	adaptable	adaptable	adaptable	adaptable	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	incompatible	incompatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible
A36505	adaptable	adaptable	adaptable	adaptable	adaptable	adaptable	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible

Adapter plate, weld-on

Avant offers a variety of original adapter plates, which can be welded directly onto:

- An attachment you have developed yourself.
- An object you wish to lift securely with Avant

All original Avant adapter plates will fit, which saves a lot of time consuming measuring and adjusting work from you.

Model	Product no
Quick attach brackets	A31566
Quick attach brackets HD	A37015
Adapter plate 10 mm	A2471
Adapter plate 20 mm	A2472

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible

compatible adaptable incompatible

Quick attach frame on horse arena harrow and spring tine cultivator

The quick attachment frame is bolted on the horse arena harrow or spring tine cultivator. It is equipped with quick attach brackets so that the attachment can be lifted and transported with the loader, and support wheels are not necessarily needed for moving the harrow away from the arena, for instance. The 29 kg extra counterweights can be installed on the sides of the quick attach frame, and it mounts also on the horse arena harrow equipped with the water spraying system.

Product no. A449060

Disclaimer for Avant adapters

The following Avant adapters presented in this catalogue: 3 point hitch adapter A36433; Euro adapters A434684 and A434804; skid steer adapters A437407, A437144, A435531 and A442082 are suitable for use with Avant multi purpose loaders only. For compatibility with Avant loader model please contact your Avant dealer or consult the corresponding Operator's Manual of the attachment.

The adapter is mounted on the Avant loader like other attachments, between the attachment coupling plate of the loader and the attachment of the third party. The Avant adapters are suitable for temporary use, to lift or transport third party attachments occasionally, short distances. The Adapters are not designed for any other use than specified and must not be used for any other purposes than what they are intended for.

Avant Tecno Oy is not responsible for use or misuse of any third party attachments that are used with Avant adapters. The use of the third party attachments with Avant adapters A36433, A434684, A434804, A437407, A437144, A435531 and A442082 is done at your own discretion and risk, and with agreement that you will be solely responsible for any personal injuries or material damage.

Euro adapter

These adapters make it possible to lift and transport attachments with Euro quick attach bracket. Two models available:

1) Adapter which is bolted permanently on a Euro attachment. Part no. A434684.
2) Adapter with quick locking. Mounts on Avant's attachment coupling plate and is equipped with manually operated spring-loaded locking pins whick lock into Euro attachment. Part no. A434804.

A434684

A434804

Model	Product no
Adapter which is bolted permanently on a Euro attachment	A434684
Adapter with quick locking	A434804

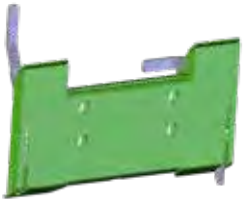
220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	⛓	⛓	⛓	⛓	⛓	⛓	⛓	⛓	⛓	⛓	⛓	⛓	⛓	✓	✓	✗	✗	✗	✗	✗	✗	✗

✓ compatible ⛓ adaptable ✗ incompatible

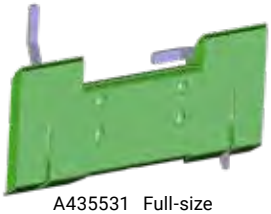
Skid steer adapter

There are four adapter plates with different widths available which allow mounting of skid steer loader attachments on Avant.

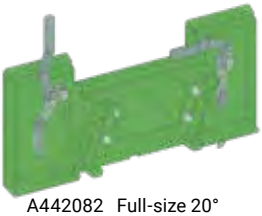
A437407 Mini



A437144 MT mount



A435531 Full-size



A442082 Full-size 20°

Model	Width	Product no
Mini	584 mm	A437407
MT mount	895 mm	A437144
Full-size	1118 mm	A435531
Full-size 20°*	1118 mm	A442082

*) increases dumping angle by 20°

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
adaptable	adaptable	adaptable	adaptable	adaptable	adaptable	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible

Drawbar

The rigid drawbar is 1000 mm long and equipped with a trailer coupling for 50 mm ball hitch. It mounts on the attachment's quick attach plate and enables towing of the attachment with the loader. This can be useful with certain attachments, like the roller compactor.

Height of the drawbar can be adjusted so that it fits on all models; both on Avant 200 series with lower ball hitch and on bigger Avant models. The loader must be equipped with the 50 mm ball hitch.

- **Rigid drawbar, equipped with trailer coupling for 50 mm ball hitch**
- **Mounts on the attachment's quick attach plate – enables towing of the attachment with the loader**
- **Manual height adjustment, for ball hitches on different Avant models**

Length	1000 mm
Weight	25 kg
Product no	A37481

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible	compatible

compatible adaptable incompatible

Adapters for mounting of 200 series 1 attachments on 200 series 2, and vice versa

There are five different adapters available, between std. Avant attachment bracket (Avant 200 series 2, manufactured from 2016-) and 200 series 1 (manufactured 2003-2015):

Case 1: Adapters with Avant 200 series 1 (216/218/220) attachment bracket:

1) Weld-on adapter plate with 200 series 1 attachment bracket A46529

2) Adapter A33126 that bolts on std. Avant attachment bracket (adapter colour is grey)

3) Adapter A36826 that mounts on std. Avant attachment bracket with quick release pins like the attachment coupling plate of the machine. The 200 series 1 attachment bracket is welded on the other side of the adapter (adapter colour is green) . This adapter can be useful when you have several attachments with std. Avant attachment bracket and don't want to mount the A33126 bolt-on adapter on all of them; or when you need to change the attachments often.

For the hydraulic hoses of 200 series 1 attachments you need the A416760 flat face coupling kit. The kit includes 3 pcs flat face quick couplings, their protective caps and the "parking" on the attachment for the attachment hydraulic hoses.

Case 2: You have a 200 series 2 machine (Avant 220/225 - or other Avant model with std. Avant attachment coupling plate), and want to mount on it attachments with 200 series 1 attachment bracket. There are two different adapters available:

1) Adapter A36825 that bolts on 200 series 1 attachment (adapter colour is grey)

2) Adapter A35590 that mounts on 200 series 1 attachment with quick release pin, like the attachment coupling plate of 200 series 1. The std. Avant attachment bracket is welded on the other side (adapter colour is green).

This adapter can be useful when you have several 200 series 1 attachments and don't want to mount the A36825 bolt-on adapter on all of them; or when you need to change the attachments often.

3) Adapter A419705 for hydraulic hoses: on multi connector of the machine, to 200 series 1 attachments with flat face couplings

A419705

4) A412129 Hose extension kit, 3 pcs, L=800 mm

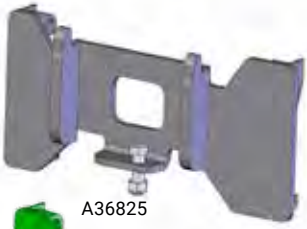
* For those 200 series 1 attachments which require longer hoses when mounted on 200 series 2, for example: high tip bucket, mini digger, log grab, auger, lawn mower, collecting mower, all-round grapple

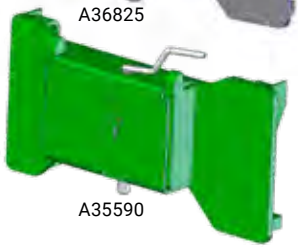
A46529

A33126

A36826

A416760


A36825


A35590

A412129

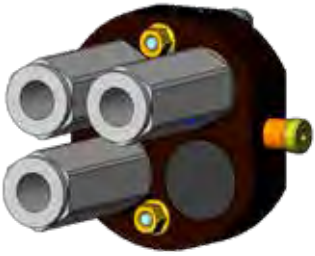
220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✓	✓	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗

✓ compatible adaptable ✗ incompatible

Multi Connector System

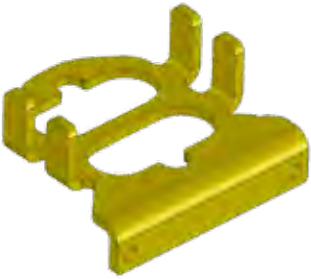
Multi connector
Pressure-Return
65251

Multi connector
Pressure-Tank line
65371



Multi connector
Pressure-Return-Tank line
65250

Multi connector
Loader side
A34366



Multi connector
Parking on attachment
A418927

Adapter: Multi connector to
conventional quick couplings
A414508

Adapter cable for attachment's
multi connector
A36679

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ compatible adaptable ✗ incompatible

Hydraulic manifolds to attachment multi connector

There are various hydraulic manifolds with different functions available which mount on the attachment multi connector:

Flow divider valve

This manifold reduces the auxiliary hydraulics oil flow from the loader to the attachment by 50 %. This means that the attachment movement speed is 50 % slower, which can be useful in situations where a slower attachment speed is required, without reducing loader engine revs too much.

Product no. A421684

2-way adjustable pressure relief valve

The pressure relief valve releases the excessive pressure which can be generated in the attachment if it is mishandled by e. g. pulling it too much with the loader. The opening pressure of the relief valve can be adjusted. It controls both the pressure from the loader to the attachment and the pressure in the attachment. In addition, there is a third, feed/tank line which is useful when the attachment is equipped with hydraulic cylinder(s).

Product no. A422104

Pressure gauges

The hydraulic pressures in the attachment, in both lines, are easy to check with these two pressure gauges. They mount on the A422104 2-way adjustable pressure relief valve. A422104 is not included.

Product no. A422475

Double check valve

The double check valve is a lock valve which prevents the movements of the attachment's hydraulic cylinder, in both directions, when the attachment is not in operation. This can be useful for instance with the log grab when handling delicate objects like kerb stones etc. – the lock valve makes sure that the grab cannot open.

Product no. A422968

220	225	225LPG	313S	320S	320S+	420	423	520	523	525LPG	528	530	630	635	640	635i	640i	645i	650i	735	745	750	735i	755i	760i	855i	860i	R20	R28	R35	e5	e6	e513	e527
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ compatible 🔗 adaptable ✗ incompatible

Filter kits

Product no.	Model
A46682	216
A46683	218 / 220 series 1 and 2
A420536	225
A44494	Multi 13 hp, Profi 11/13 hp, 313 / 313 S
A44495	Multi diesel/Power diesel/Profi diesel/314, 320, 320+
A45855	314S, 320S, 320S+, manufactured 08/2002 - 10/2004
A46871	314S, 320S, 320S+ manufactured 10 / 2004 - 1 / 2011, serial numbers before XXXXX1104
A414036	320S / 320S+ manufactured 1/2011-, serial numbers after XXXXX1105
A44738	513, manufactured after 06 / 2001
A44493	Multi Plus
A44492	514, 520, 520+, manufactured 2000 - 06 / 2001, serial numbers: 23721 - 24862
A44739	514, 520, 520+, 523+, manufactured 06 / 2001 - 08 / 2002, serial numbers: 24865 - 25933
A45854	514, 520, 520+, 523+, manufactured 08 / 2002 - 10 / 2004, serial numbers: 25935 - 44575
A46870	514, 520, 520+, 523+, manufactured 10/2004 - 12/2007
A414863	419
A49572	420 / 520 series 2, serial numbers before xxxxx1324
A416943	420 / 520 series 2, serial numbers after xxxxx1325
A425525	423 / 523
A414037	525 LPG, manufactured 1 / 2011 -
A46112	528+, manufactured before 06 / 2001, serial numbers: 24325 - 24841
A44740	528+ / 530+, manufactured 06 / 2001 - 08 / 2002, serial numbers: 24852 - 25966
A45853	528+ / 530+, manufactured 08/2002-12/2007, serial numbers: 25967-55601
A48036	528 series 2 (2008-), 530, serial numbers before XXXXX2332, R28
A465353	528/530 series 3, serial numbers after XXXXX2333
A417231	R20
A410961	630 / 635 / 640 serial numbers after XXXXX0903, R35
A48036	630 / 635, serial numbers before XXXXX0902
A459095	635i / 640i / 735i
A452698	645i / 650i
A442098	735
A410784	745 / 750, serial numbers before XXXXX1518
A419900	745 / 750, serial numbers after XXXXX1519
A418900	755i / 760i / 855i / 860i

Notes

Wheels & tyres

Size	Bolt pattern	Tyre + rim product no:
4.00 x 12	4 x 100	64072
5.00 x 10	4 x 100	63630
5.00 x 10	6 x 100	65412

Size	Bolt pattern	Tyre + rim product no:	Tyre + rim, Solid Foam fill, product no:
5.70 - 12	5 x 140	A434525	-
23 x 8.50-12	4 x 100	64120	-
23 x 8.50-12	6 x 120	65046	66087
23 x 8.50-12	5 x 140	65995	66089
27 x 8.50-15	6 x 120	65019	66078
27 x 8.50-15	10 x 140	65414	66079

Size	Bolt pattern	Tyre + rim product no:	Tyre + rim, Solid Foam fill, product no:
20 x 8.00-10*	4 x 100	66231	66379
23 x 10.50-12	4 x 100	64618	-
23 x 10.50-12	6 x 120	65048	66085
23 x 10.50-12	5 x 140	65997	66091
26 x 12.00-12	4 x 100	64752	-
26 x 12.00-12	6 x 120	64931	66082
26 x 12.00-12	10 x 140	65739	66083
320/60-12, HD	6 x 120	65028	-
320/60-12, HD	10 x 140	65224	-
320/55-15	10 x 140	65506	-
400/50-15	10 x 140	65958	-
380/55-17	10 x 140	66505	-

*) 200 series 2, 2016-

Size	Bolt pattern	Tyre + rim product no:	Tyre + rim, Solid Foam fill, product no:
18 x 7.50-8	4 x 100	63503	-
20 x 8.00-10	4 x 100	64164	-
20 x 8.00-10*	4 x 100	66252	-
23 x 8.50-12	4 x 100	64160	-
23 x 8.50-12	6 x 120	65045	66086
23 x 8.50-12	5 x 140	65994	66088
23 x 10.50-12	4 x 100	64161	-
23 x 10.50-12	6 x 120	65047	66084
23 x 10.50-12	5 x 140	65996	66090
26 x 12.00-12	4 x 100	64751	-
26 x 12.00-12	6 x 120	64930	66080
26 x 12.00-12	10 x 140	65212	66081
320/55-15	10 x 140	65459	-
400/50-15	10 x 140	66257	-
380/55-17	10 x 140	A442475	-

*) 200 series 2, 2016-

Size	Bolt pattern	Tyre + rim product no:
320/55-15	10 x 140	A433542
400/50-15	10 x 140	A433027

Wheels with 10-hole rim can be mounted both on 10-bolt and 5-bolt wheel hub.

Tyres only, without rim

Size	Tread	Product no:
26 x 12.00-12	TR	65736
26 x 12.00-12	Grass	65735
320/60-12, HD	TR	66322
320/55-15	TR	66323
320/55-15	Grass	66324
400/50-15	TR	A440047
400/50-15	Grass	A445237
380/55-17	TR	A438121
380/55-17	Grass	A442486

Avant Shop

Workwear:

Winter jacket

Warm and durable winter work jacket with lining. 70 % polyester, 30 % cotton, Thinsulate insulation

Sizes

G0090 S	G0093 XL
G0091 M	G0094 2XL
G0092 L	G0095 3XL

Winter work trousers

Warm and durable trousers.
70% polyester, 30% cotton.

Sizes

G0096 46	G0101 56
G0097 48	G0102 58
G0098 50	G0103 60
G0099 52	G0104 62
G0100 54	G0105 64

Safety jacket

Versatile and sturdy reflective work jacket with many pockets and adjustments, big Avant logo in the back.

Sizes

G0161 XS	G0165 Xl
G0162 S	G0166 2XL
G0163 M	G0167 3XL
G0164 L	

Work jacket

High quality black Avant work jacket. 70 % polyester, 30 % cotton

Sizes

G0074 S	G0077 Xl
G0075 M	G0078 2XL
G0076 L	G0079 3XL

Work trousers

Black Avant stretch work trousers. Very durable and breathable material.

Sizes

G0080 46	G0085 56
G0081 48	G0086 58
G0082 50	G0087 60
G0083 52	G0088 62
G0084 54	G0089 64

Superstretch trousers

High quality 4-way stretch work trousers. Very durable and breathable material. 100 % polyester.

Sizes

G0176 44	G0188 56
G0178 46	G0190 58
G0180 48	G0192 60
G0182 50	G0194 62
G0184 52	G0196 64
G0186 54	

Coverall, adults

Practical coverall with green details.

Sizes

G0106 S	G0109 XL
G0107 M	G0110 2Xl
G0108 L	G0111 3XL

Leisurewear:

T-shirt men

Black men's T-shirt with Avant logo.
Sizes
G0062 S G0066 2XL
G0063 M G0067 3XL
G0064 L G0068 4XL
G0065 XL

UNISEX-sweatshirt

Black Unisex style adults' sweatshirt.
Sizes
G0018 XS G0022 XL
G0019 S G0023 2XL
G0020 M G0024 3XL
G0021 L

Baseball cap

Black Avant 3D embroided baseball cap.
G0201

T-shirt women

High quality shirt for women, with Avant logo.
Sizes
G0013 XS G0016 L
G0014 S G0017 XL
G0015 M

Trucker cap with 3D embroided logo in the front. Mesh back part and snapback closure. G0200

Avant beanie

Stylish beanie with 3D embroidery.
Black G0198

Tassel beanie

Hockey-inspired winter beanie with large Avant text and leather label.
Black G0060
Green G0199

Children's wear:

T-shirt, black

Funny T-shirt for children.
Sizes
G0001 80cm
G0002 92cm
G0003 104-110cm
G0004 128-140cm
G0005 152-164cm

brake socks

High quality children's brake socks.
Sizes
G0036 19-21
G0037 22-24
G0038 25-27

T-shirt, green

Funny T-shirt for children.
Sizes
G0007 92cm
G0010 104-110cm
G0011 128-140cm
G0012 152-164cm

Children's tassel beanie

Hockey-inspired winter beanie with large Avant text and leather label.
Green G0159

Fan products:

Backpack, black

High-quality backpack, wit zipped pockets and side straps.
G0127

Soft toy

Funny Avant soft toy for the youngest family members. No removable or detachable parts.
G0160

Traveller bottle

Designed and manufactured in Switzerland, made of 100 % re-cycled aluminium and renewable materials.
Aluminium, volume 600 ml
G0270

Avant bottle

Aluminium bottle, volume 750 ml
G0069

Shuttle thermal mug

Keeps your drink hot or cold for many hours.
Dishwasher proof.

G0265

Multi-tool pro

12 different tools - everything you need.
G0297

Avant history

The company history written by Avant founder Risto Käkelä tells the 30-year story from Ylö-Tehtaat bankruptcy to Avant's international success.
English G0158

Avant scale model 1:25

Avant 600 series die cast scale model, with telescopic boom. Comes with two attachments: general bucket and pallet fork.
G0130

AVANT

MADE TO WORK

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Davies
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