



Catalogue "A.2012/UE"

**HYDRAULIC LOG SPLITTERS, SAW BENCHES  
CONVEYOR BELTS AND TANDEMS**

Quality, reliability and innovation !



[www.thor-italy.com](http://www.thor-italy.com)

With its innovative "System-LEADER", "STOPandGO" and "NEXA-System" control devices, in addition to sparing the operator needless effort, THOR makes it possible to work in complete freedom and with maximum safety!



The innovative aspect of the "System-LEADER" and "STOPandGO" controls for log splitter machines is principally the fact that the operator can hold any type of wood with his hands, thus making it impossible for pieces to fall accidentally and therefore making the initial positioning of the wood and subsequent splitting phase easier.



In addition, the "System-LEADER" and "STOPandGO" controls have the following features:

- Reliability and practicality in all use conditions thanks to their precision and manageability.
- Practical and functional controls.
- The "System-LEADER" control is mechanical whereas the "STOPandGO" control is electrical.
- They are not affected by weather conditions (hot, cold, sun, rain, snow, etc.).
- They cannot be tampered with.
- They comply with all the regulations in force.
- They are unique and patented.



The "NEXA-System" safety device for saw benches prevents manual movement of logs inside the swing tank when the cutting blade is uncovered! It is very simple, functional and cheap.

## LEGEND

V = Vertical work position  
H = Horizontal work position  
ID = Hydraulic control for Katana  
ST = Standard control



Double speed for manual control



Double speed with automatic hydraulic control



HV  
Hydraulic connections



HVP  
Detached PTO pump for tractor



V.PF  
Fixed PTO pump for tractor



EL  
Electric engine



VS  
Petrol engine



PD  
Double pump

## CERTIFICATIONS





## PRODUCT INDEX and CUTTING CAPACITY

	General information	Page
	INTRODUCTION	1

	Cutting height cm	Model	Ton	Control	HV	HVP	V.PF	EL	VS	Kombi	Page	
LOG SPLITTER	vertical	Alpino	6.5	LEADER				x			3 - 4	
			7					x			3 - 4	
			8.5					x			3 - 4	
		Mignon Prof	9	LEADER				x			5 - 6	
			11		x			x			5 - 6	
	vertical	Alpino	8.5	LEADER				x			3 - 4	
		Lider	9	LEADER				x			5 - 6	
		Mignon Prof	11	LEADER				x			5 - 6	
		Magik	13	LEADER				x	x	x	7 - 8	
			18	LEADER				x			7 - 8	
	vertical / horizontal		25	STOPandGO				x			9 - 10	
			30					x	x	x	9 - 10	
	Diavolik Standard	25	Standard				x			11 - 12		
	Farmer V.	13	Standard		x	x	x			11 - 12		
		18	Standard			x				11 - 12		
		13	Standard					x		13 - 14		
		18	Standard		x			x		13 - 14		
	Farmer H.	18	Standard		x			x		13 - 14		
	Hakka	9	Standard					x		15 - 16		
		13	Standard					x	x	15 - 16		
	Hakka R	13	Standard		x			x	x	17 - 18		
TELESCOPIC TRANSPORTER		Porta-Tutto			x			x			19	
SAW-BENCH	ø 28	Katana 700		Standard				x	x		20	
	ø 30	Katana 750		Standard				x	x	x	21 - 22	
	ø 30	Katana Lift		Standard				x	x		23 - 24	
	ø 30	Tandem 750		Standard				x	x	x	25 - 26	

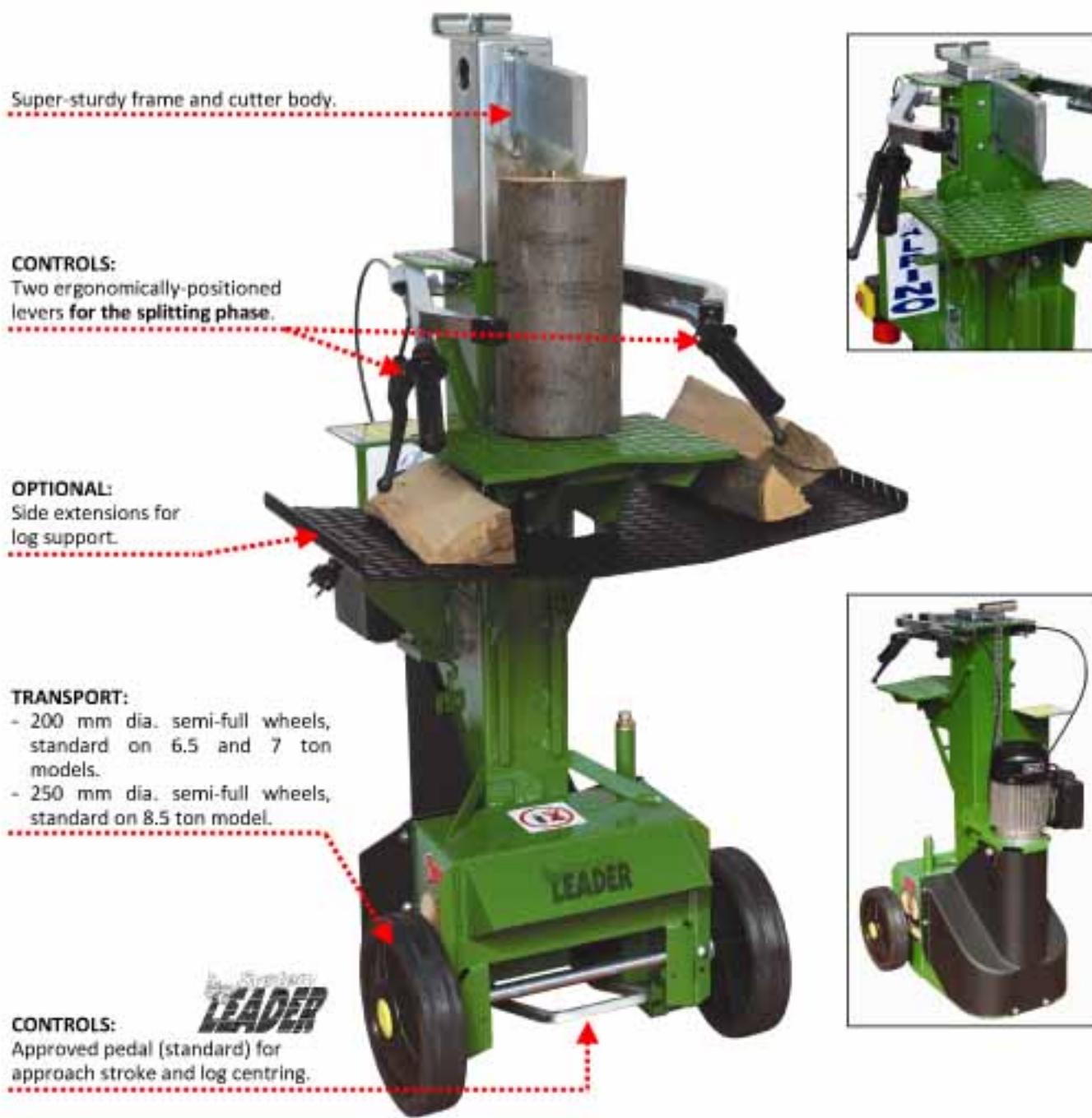
# A considered choice for every family!

Their strength and simplicity will surprise you!

- They can cut large and difficult logs with a diameter up to 60 cm.
- They take up very little space. They are always ready for use and are very easy to use.
- They require no special maintenance.
- They are powerful but safe thanks to the "**System-LEADER**" controls on all versions.

*With the "**System-LEADER**" controls you can carry out the cutter approach stroke and center the logs while the cutter is in motion with both hands free by using the pedal. Once the log is centered and blocked in the desired position the two control levers are used to split the log.*

- They are available in EL version, 230 Volt single-phase or 400 Volt three-phase.
- They can be used with special cross cutters and 60° cutters to split straight filament logs (optional).
- A special side support will help to collect and support the split logs (optional).





Model / Ton	Alpino 6.5	Alpino 7	Alpino 8.5	Alpino 8.5	Alpino 8.5
Code	AL.225.80.TF	AL.223.TF	AS.225.80.PD.TF	AS.225.80.PD	AS.384.90
Max. cutting height (cm)	54	54	54	54-67-105	54-67-105
Adjustable cutting stroke (cm)	50	50	50	50	50
Working pressure (bar) PD = double pump	230	190	250 /PD	250 /PD	250
Power supply EL = electric motor	EL 230 Volt	EL 230 Volt	EL 230 Volt	EL 230 Volt	EL 400 Volt
Power required (HP / kW)	2.5 / 1.85	3 / 2.2	2.5 / 1.85	2.5 / 1.85	4 / 3
1 <sup>st</sup> cutting speed (cm/sec)	3.2	2.2	10	10	5.3
2 <sup>nd</sup> cutting speed (cm/sec)	--	--	1.8	1.8	--
Return speed (cm/sec)	15.2	15.2	12.3	12.3	36
Hydraulic oil tank capacity (lt)	6	6	6	6	6
Weight (kg)	98	100	110	118	118
Shipment dimensions (cm)	60x80xh.120	60x80xh.120	60x80xh.120	60x80xh.120	60x80xh.120
Rear control cover	□	□	●	●	●
Wheel size (mm dia.) F = full / PN = pneumatic	200 /F	200 /F	250 /F	250 /F	250 /F
"System-LEADER" controls with pedal included	●	●	●	●	●
List price excl. VAT (€)					
Net price excl. VAT (€)					
Offer validity					

□ = NO   ● = YES      TF = Fixed Table

OPTIONAL ACCESSORIES			
Code	800.087.K	835.027.K	800.109.K
Description	60° cutter	Cross cutter	Side extensions
List price excl. VAT (€)			
Net price excl. VAT (€)			

# Powerful, safe and... Persistent! A choice of quality and prestige.

Their power has no rivals!

- They can split large and very tough logs with a diameter of up to 60 cm.
- The frame has been designed in minute detail. The cutter and the guides are designed for the hardest and most demanding uses.
- All the hydraulic, mechanical and electrical components are of top quality, exclusively produced in the EU.
- They are powerful and safe thanks to the "**System-LEADER**" controls on all versions.

*With the "**System-LEADER**" controls you can carry out the cutter approach stroke and center the logs while the cutter is in motion with both hands free by using the pedal! Once the log is centered and blocked in the desired position the two control levers are used to split the log.*

- The petrol engine (VS) models can be used anywhere.  
The range comprises electrical versions (230 Volt single-phase or 400 Volt three-phase), petrol engine VS version, HVP for tractors and the KOMBI versions.
- Various optional accessories are available which will make it even easier to use: side extensions for log support before and after splitting, 60° cutter and cross cutter for straight-filament logs, root cutting board.





Model / Ton	Mignon 11	Mignon 11	Lider 9	Mignon 11	Mignon 11
Code	23.223.PD.TF	23.HVP.TF	73.223.PD	23.223.PD	23.VS.10
Max. cutting height (cm)	54	54	54-67-105	54-67-105	54-67-105
Adjustable cutter stroke (cm)	50	50	50	50	50
Working pressure (bar) PD = Double Pump	240 /PD	240	250 /PD	240 /PD	230
Power supply EL = electric motor, HVP = tractor, VS = petrol engine	EL 230 Volt	HVP 540/ rpm.	EL 230 Volt	EL 230 Volt	VS 3200/rpm.
Power required (HP / kW)	3 / 2.2	17 / 12.5	3 / 2.2	3 / 2.2	9 / 6.7
1 <sup>st</sup> cutting speed (cm/sec)	7.9	10	10	7.9	4.7
2 <sup>nd</sup> cutting speed (cm/sec)	1.4	—	1.8	1.4	—
Return speed (cm/sec)	8.6	16	12.4	8.6	12.5
Hydraulic oil tank capacity (lt)	9	9	8.75	9	9
Weight (kg)	143	143	140	166	195
Shipment dimensions (cm)	60x80xh.130	60x80xh.130	60x80xh.130	60x80xh.130	120x80xh.130
Rear control cover	●	●	●	●	●
Wheel size (mm dia.) F = full / PN = pneumatic	300 /F	200 /F	300 /F	400 /PN	400 /PN
"System-LEADER" control with pedal included	●	●	●	●	●
List price excl. VAT (€)					
Net price excl. VAT (€)					
Offer validity					

□ = NO ● = YES TF = Fixed cutting board

Available versions upon request = EL 400 Volt 4 and 5.5 Hp / Kombi / with 7.5 Hp petrol engine

OPTIONAL ACCESSORIES				
Description	60° cutter	Cross cutter	Side extensions	400 dia. PN wheels kit
Code	800.087.K 800.113.K	800.086.K 800.114.K	800.076.K 805.012.K	810.025.K
Model	Lider Mignon	Lider Mignon	Lider Mignon	Mignon (no HVP)
List price excl. VAT (€)				
Net price excl. VAT (€)				



Models:



Super MAGIK

with



# A sure and innovative choice looking to the future!

- They can also cut large, tough logs of up to 90 cm in diameter.
- Self-lubricating interchangeable Teflon guides on the cutter.
- Telescopic hydraulic cylinder for ease of transport h. 190 cm.
- They are powerful and safe with the "**System-LEADER**" controls as standard.

*With the "System-LEADER" controls you can carry out the cutter approach stage and center the logs with your hands free (if you use the board you can use the pedal too!). Once the log has been centered and clamped in the desired position, the two control levers are used in order to carry out the splitting operation.*

- The versions available are: with hydraulic connections (HV), with fixed PTO pump (V.PF), with single-phase 230-volt or three-phase 400-volt electrical motors (EL), in Kombi version (EL + V.PF) or with a petrol engine (VS).

**OPTIONAL:**

Board for 50 cm short cut with side extensions and pedal control for the centering phase! code 845.034.K

Single control for log centering.

**System-Leader** as standard.



As standard:  
13 Ton



As standard:  
18 Ton



Hydraulic oil tank incorporated in the frame.

New-concept sturdy and attractive frame with double axial sliding movement and excellent aesthetic effect.

**POWER SUPPLY EL and Kombi:**  
with single or double pump.

**POWER SUPPLY PTO:**  
with special pump for high pressures (18 ton model).

**TRANSPORT:**

3-point connector 1st-2nd cat. for V.PF and Kombi models.

Retractable hydraulic cylinder for easy transport and storage.



Interchangeable self-lubricating Teflon guides.

Special steel cutter with inclined cut for greater penetration and less effort.





Model / Ton	Magik 13	Magik 13	Magik 13	Magik 13	Super Magik 18
Code	34.223.PD	34.386	34.V5.10.PD	34.V.PF	36.V.PF
Max. cutting height (cm)	124	124	124	124	124
Adjustable cutting stroke (cm)	120	120	120	120	120
Working pressure (bar) PD = double pump	250 /PD	250	250 /PD	250	280
Power supply EL = electric motor, VS = petrol engine, V.PF = tractor	EL 230 Volt	EL 400 Volt	VS 3200 rpm.	V.PF 540 rpm.	V.PF 540 rpm.
Performance (HP / kW)	3 / 2.2	5.5 / 4	9 / 6.7	22 / 16	24 / 18
1 <sup>st</sup> cutting speed (cm/sec)	6.7	6.1	8	10.5	8.5
2 <sup>nd</sup> cutting speed (cm/sec)	21.4	19.5	25	34	19
Return speed (cm/sec)	10	9	11.6	15.7	15.3
Hydraulic oil tank capacity (lt)	22	22	22	22	23
Weight (kg)	330	330	340	328	357
Shipment dimensions (cm)	80x120xh.190	80x120xh.190	80x120xh.190	80x120xh.190	80x120xh.190
Wheel size (mm dia.) F = full / PN = pneumatic	400 /PN	400 /PN	400 /PN	250 /F optional 845.084.K	250 /F optional 845.084.K
"System-LEADER" control with pedal included	●	●	●	●	●
Side hoist (optional)	□	□	□	●	●
EL or manual winch (optional)	□	□	□	□	□
List price excl. VAT (€)					
Net price excl. VAT (€)					
Offer validity					

□ = NO ● = YES

OPTIONAL ACCESSORIES						
Description	60° cutter	Cross cutter	Side hoist	Transport trolley x V.PF	Cardan shaft	Board with pedal and extensions
Magik	Magik	Super Magik	NOT x EL/VS			
Code	845.056.K	845.057.K	845.086.K	845.067.K	845.084.K	600.059
List price excl. VAT (€)						
Net price excl. VAT (€)						



# A refined choice with no rivals, for high production with no effort!

Log splitters for experts oriented towards innovation.

- Exclusive „STOPandGO!“ controls as standard:

The „STOPandGO!“ control system leaving one or two hands free allows the cutter to be lowered electronically until it touches the log without any risk! Subsequently, if the log is blocked in the desired position it can be split immediately or, if it is not blocked, it can be blocked in a stronger way using a second electronic impulse and then split using the dual electric controls.

- Adjustable return stroke for 1.10 or 1.23 metre cuts.



Unique and exclusive  
12 Volt electric controls.  
**STOPandGO! System**



Double speed  
as standard



1<sup>st</sup> STOP = 8 Kg.  
2<sup>nd</sup> STOP = 30 kg.  
GO! = 30 Ton

**EU Patent Nr. 1852228**



Button for the  
return stroke.

Safety sensor and  
lever protector.

Rotating protection bars for  
logs and broken pieces.

Hydraulic oil tank in the frame.

G3 single aluminum / cast iron  
pump for PTO.

Interchangeable, bolted GS400  
cast iron cutter guides.

Tempered and high strength steel cutter, with a length  
of 30 cm and 6° inclined cut for a greater penetration  
and less effort.

Hydraulic cylinder  
h. 215 cm, retractable  
for storage.

EU Patent Nr. 1852228

Code	Price list	Net price
<i>Manual winch</i>		
891.021.K	€	€
<i>Remote controller winch</i>		
891.018.K	€	€

Model / Ton	Diavolik 5.GO 25	Diavolik 5.GO 30	Diavolik 5.GO 30	Diavolik 5.GO 30
Code	46.B.V.PF	46.V.PF	46.388.PD	46.388.PD.K
Max. cutting height (cm)	123	123	123	123
Cutting stroke (cm)	120	120	120	120
Working pressure (bar) PD = double pump	260	315	315 /PD	315 /PD x EL
Power supply V.PF = tractor, EL = electric motor, Kombi = EL + V.PF	V.PF 600 rpm.	V.PF 600 rpm.	EL 400 Volt	Kombi (EL 400 V + V.PF)
Power required (HP / kW)	50 / 37	50 / 37	7.5 / 5.5	7.5/5.5 – 50/37
1 <sup>st</sup> cutting speed (cm/sec)	10.4	10.4	8.1	10.4 / 8.1
2 <sup>nd</sup> cutting speed (cm/sec)	22.4	22.4	17.4	22.4 / 17.4
Return speed (cm/sec)	19.5	19.5	15.1	19.5 / 15.1
Hydraulic oil tank capacity (lt)	38	85	85	85
Weight (kg)	586	633		
Shipment dimensions (cm)	80x120xh.230	80x120xh.230	80x120xh.230	80x120xh.230
"STOPandGO" controls Pedal for table included!	●	●	●	●
Transport wheels	□	□	□	□
Table for 54 cm cut	optional 891.016.K	optional 891.016.K	optional 891.016.K	optional 891.016.K
Side hoist	optional 891.019.K	optional 891.019.K	□	optional 891.019.K
Hour-counter and piece-counter	optional 400.078.K	optional 400.078.K	optional 400.078.K	optional 400.078.K
Optional electric or manual winch	●	●	□	●
List price excl. VAT (€)				
Net price excl. VAT (€)				
Offer validity				

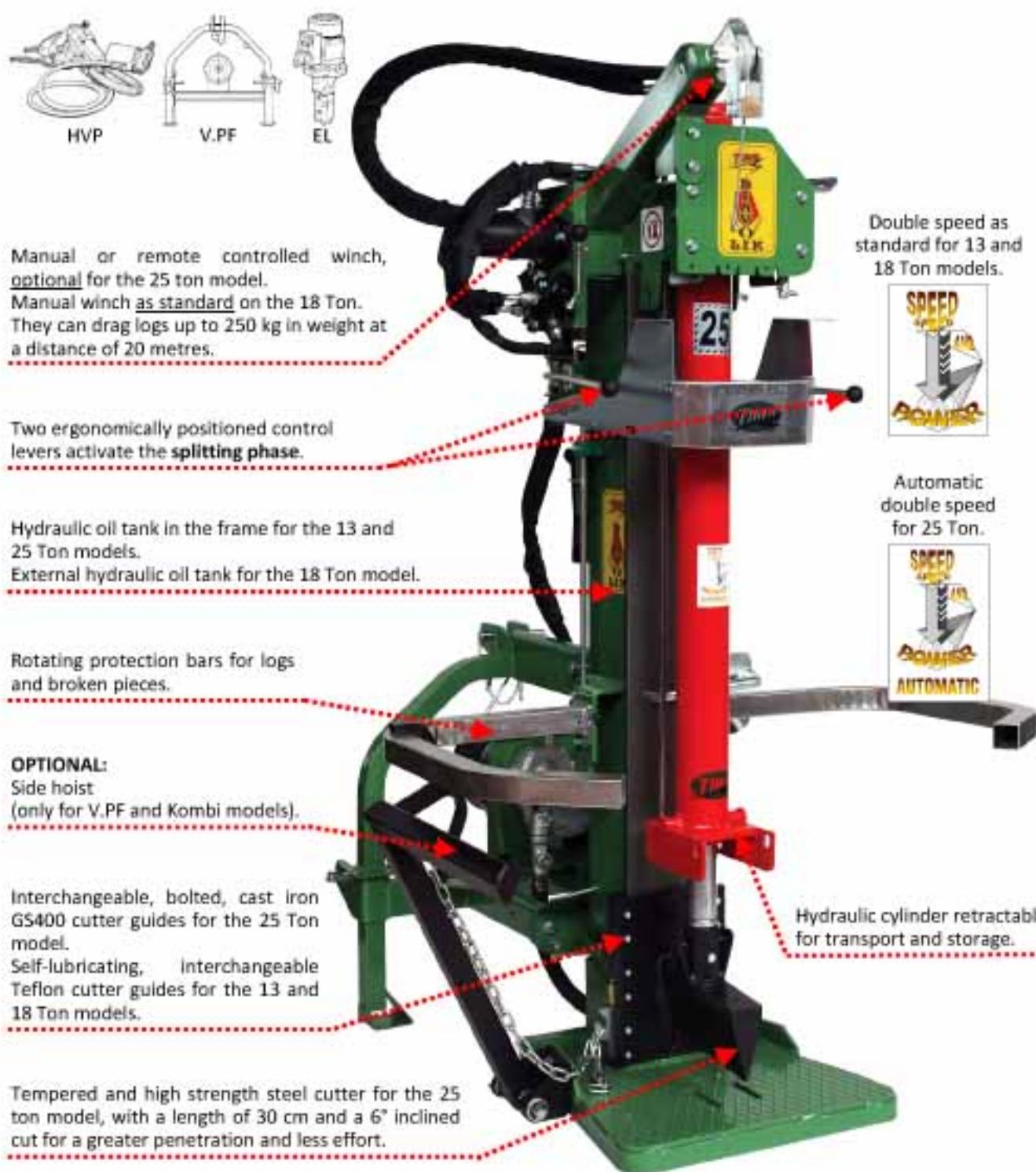
□ = NO ● = YES

Description	Cross cutter	Side hoist	Table with pedal and extensions	Cardan shaft	Hour-counter, rev-counter and 12 volt stroke-counter
Code	891.006.K	891.019.K	891.016.K	600.059	400.078.K
List price excl. VAT (€)					
Net price excl. VAT (€)					

# *A cheap, simple and reliable choice!*

Log splitters for agricultural-forestry use.

- Stable and sturdy body for easy transport and storage.
- These models are available in different versions: with detached PTO pump (HVP), with fixed PTO (V.PF) and with electrical motors 230 Volt or 400 Volt.
- The **Farmer 13 and 18 Ton** models can cut logs with up to 90 cm dia. They are equipped with a log centering bit welded onto the cutter.
- The **Diavolik Standard 25 Ton** model cuts logs up to 130 cm dia. It has a log centering pendulum.





Code	Price list	Net price
<i>Manual winch for 25 ton model</i>		
891.021.K	€	€
<i>Remote controlled winch for 25 ton model</i>		
891.018.K	€	€

Model / Ton	Farmer V. 13	Farmer V. 13	Farmer V. 13	Farmer S. 18	Diavolik St. 25
Code	37.LHVP	37.L.V.PF	37.L.223.PD	39.B.V.PF	45.C.V.PF
Max. cutting height (cm)	107	107	107	107	124
Cutting stroke (cm)	100	100	100	100	120
Working pressure (bar) PD = double pump	260	260	260 /PD	280	315
Power supply HVP / V.PF = tractor, EL = electric motor	HVP 540 rpm.	V.PF 540 rpm.	EL 230 Volt	V.PF 540 rpm.	V.PF 540 rpm.
Power required (HP / kW)	23 / 17	23 / 17	3 / 2,2	25 / 18	46 / 34
1 <sup>st</sup> cutting speed (cm/sec)	10.7	10.7	6.7	8.5	9.4
2 <sup>nd</sup> cutting speed (cm/sec)	34	34	21.4	19.1	20.2
Return speed (cm/sec)	15.7	15.7	10	15.3	17.5
Hydraulic oil tank capacity (lt)	22	22	22	37	38
Weight (kg)	245	273	290	360	580
Shipment dimensions (cm)	80x60xh.210	80x120xh.210	80x120xh.210	80x120xh.210	80x120xh.230
STANDARD dual working controls (NO pedal!)	●	●	●	●	●
Wheel size (dia. mm) F = full / PN = pneumatic	□	250 /F optional 845.084.K	400 /PN	□	□
Log centering pendulum	□	□	□	□	●
54 cm cutting board	optional 845.162.K	optional 845.162.K	optional 845.162.K	optional 845.162.K	optional 891.017.K
Manual winch	□	□	□	included 845.159.K	optional
List price excl. VAT (€)					
Net price excl. VAT (€)					
Offer validity					

□ = NO ● = YES

Versions available upon request = EL 400 Volt 5,5 and 7,5 Hp / Kombi

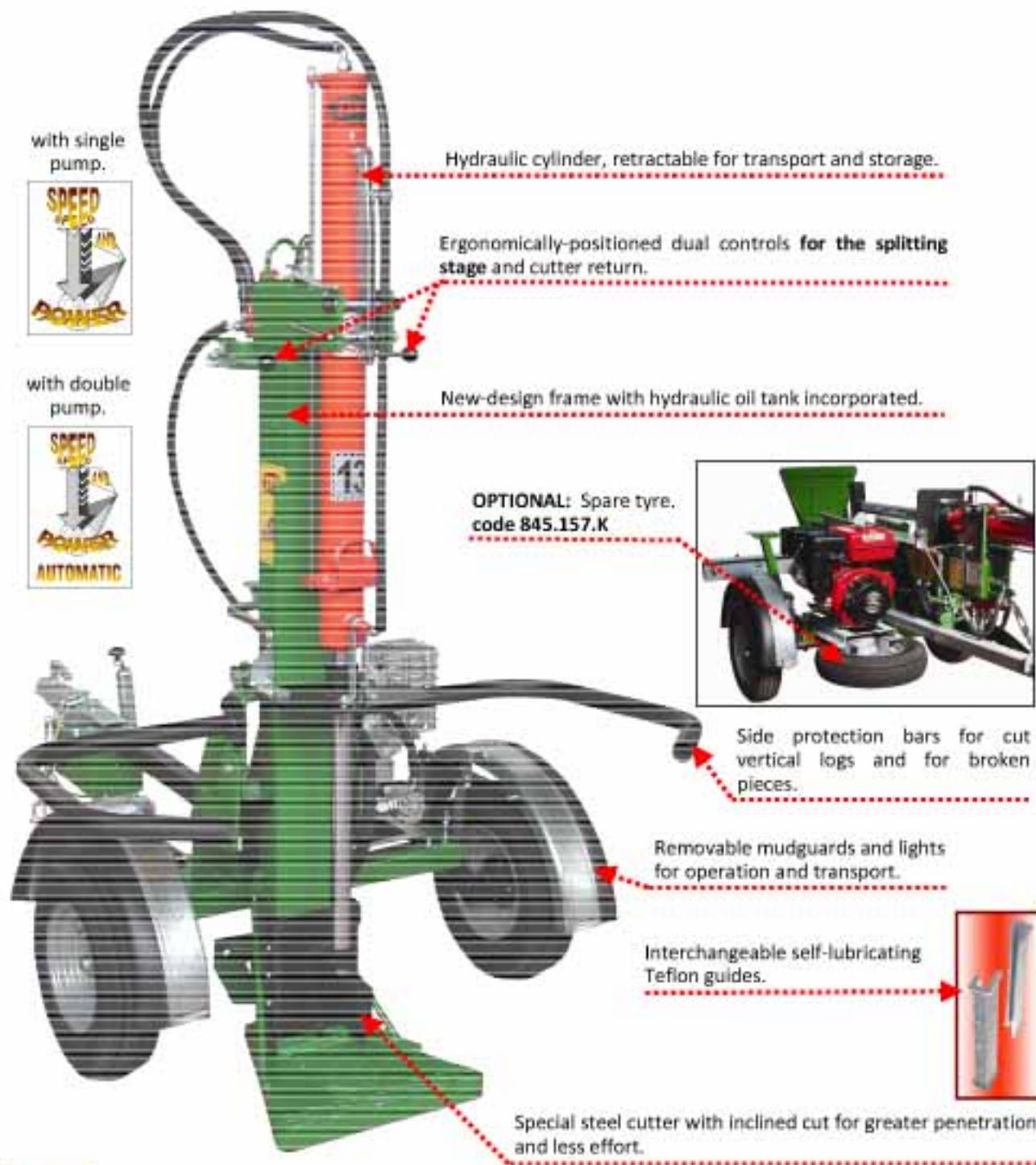
OPTIONAL ACCESSORIES						
Description	60° cutter	Cross cutter	Hoist	Trolley	Cardan shaft	Table with extensions
Code	Farmer V. 845.056.K	Farmer V. 845.057.K	Farmer S. 845.086.K	Diavolik St. 891.006.K	NOT x EL/V.S 845.067.K	x V.PF 845.084.K
List price excl. VAT (€)					600.059	845.162.K
Net price excl. VAT (€)						891.017.K



# *The considered choice for working independently everywhere!*

Log splitters for professional forestry applications and for private customers.

- The Farmer Multiuse model can work in both vertical and horizontal position.
- The Farmer H. model works in horizontal position.
- These models are ideal for logs up to a 85 cm dia.
- Side protection bars for vertical cut included. Horizontal cut-centering guides included.
- These models are available with 10 Hp or 13 Hp petrol engines with cord start.
- Price estimates for models with diesel or electric motors available upon request.*
- It is available for agricultural use with 540/rpm. PTO, towing eye and fixed axle (without mudguards).





Farmer M.



Farmer H.



Farmer M.



Farmer H.

Model / Ton	Farmer M. 13	Farmer M. 18	Farmer M. 18	Farmer H. 18	Farmer H. 18
Code	37.M.VS.10.PD	39.M.HVP	39.M.VS.13.PD	38.18.HVP	38.18.VS.13.PD
Max. vertical cutting height (cm)	107	107	107	—	—
Max. horizontal cutting length (cm)	67	67	67	107	107
Cutting stroke (cm)	100	100	100	100	100
Working pressure (bar) PD = double pump	260 /PD	280	280 /PD	280	280 /PD
Power supply VS = petrol engine, HVP = tractor	VS	HVP 540 rpm.	VS	HVP 540 rpm.	VS
Power required (HP / kW)	9 / 6.6	24 / 18	13 / 9.55	24 / 18	13 / 9.55
1 <sup>st</sup> cutting speed (cm/sec)	8	8.5	6.3	8.5	6.3
2 <sup>nd</sup> cutting speed (cm/sec)	25	19	14.1	19	14.1
Return speed (cm/sec)	11.5	15	11	15	11
Hydraulic oil tank capacity (lt)	18	18	19	19	19
Weight (kg)	440	435	465	293	323
Shipment dimensions (cm)	80x120xh.230	80x120xh.230	80x120xh.230	85x220xh.80	85x220xh.80
STANDARD dual working controls (NO pedal!)	●	●	●	●	●
Transport wheels, movement (Km/h. / cm dia.)	100 h. / 48	□	100 h. / 48	□	40 h. / 50
Log centering pendulum	□	□	□	□	□
54 cm cutting board	optional 845.162.K	optional 845.162.K	optional 845.162.K	□	□
List price excl. VAT (€)					
Net price excl. VAT (€)					
Offer validity					

□ = NO ● = YES

Versions available upon request = EL 230 and 400 Volt / diesel motors

OPTIONAL ACCESSORIES					
Description	60° cutter	Cross cutter	Spare tyre	Hydraulic side hoist	Rear extensions
Code	Farmer M.	Farmer M.	Farmer H.	Farmer H. HVP	Farmer H. VS
	845.056.K	845.057.K	845.099.K	845.157.K	845.101.K
List price excl. VAT (€)					
Net price excl. VAT (€)					

The Hakka series is a targeted choice of horizontal log splitters for private use!

- Easy of transport and usage.
- They are practical and functional for heavy applications, with two working heights from the ground (50 cm for the 9 ton and 80 cm for the 13 ton model).
- The cutting length for the 9 ton is adjustable with max. 55 cm, for the 13 ton is max. 105 cm adjustable in two working steps.
- Comfortable extensions can be installed for an easier collection of the wood pieces that have to be cut (as standard or optional).
- They are assembled with a comfortable and exclusive (optional) side hoist.
- They are equipped with two standard command levers.
- Cutters with 2- and 4-cut, adjustable in 3 positions, included.
- The series includes EL versions with 230 or 400 Volt, as well as versions powered by petrol engines.

**NEW for  
2012**



OPTIONAL  
code 815.024OPTIONAL  
code 815.023OPTIONAL  
code 815.012OPTIONAL  
code 815.014

Model / Ton	Hakka 9	Hakka 9	Hakka 13	Hakka 13	Hakka 13
Code	9.50.223.PD	9.50.384	13.60.223.PD	13.60.386	13.60.VS10
Working position	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal
Working pressure (bar)	235	235	250	250	250
Working height from the ground (cm)	50	50	80	80	80
Power supply <i>EL = electric motor, VS = petrol engine</i>	EL 230 Volt	EL 400 Volt	EL 230 Volt	EL 400 Volt	VS
Power required (HP / kW)	3 / 2.2	4 / 3	3 / 2.2	5.5 / 4	9 / 6.7
Max. cutting length (cm)	55	55	65 / 105 *	65/105 *	65/105 *
Approximate cutting capacity (dia. cm)	40	40	60	60	60
Standard two-lever controls	●	●	●	●	●
Cutting stroke adjustment, from + to (cm)	0 + 55	0 + 55	0 + 65	0 + 65	0 + 65
Double cutting speed	●	●	●	●	●
1 <sup>st</sup> cutting speed (cm/sec)	6.20	4.60	5.20	6.10	4.00
2 <sup>nd</sup> cutting speed (cm/sec)	15.00	11.10	15.60	19.50	12.00
Return speed (cm/sec)	10.50	7.90	7.30	9.00	7.20
Pump (lt. min.) - PD = Double pump	14.50 /PD	10.60	14.50 /PD	18.60	11.40
Hydraulic oil tank + system (lt)	8	8	15	15	15
Adjustable 2- and 4-cut cutter (in 3 positions)	● standard				
Side log-support extensions cm 42 x 42	optional 815.024				
Rear log-support extensions cm 50 x 75	optional 815.023	optional 815.023	□	□	□
Rear log-support extensions cm 62 x 95	□	□	optional 815.012	optional 815.012	optional 815.012
Manual side hoist	□	□	optional 815.014	optional 815.014	optional 815.014
Transport wheels (dia. mm) <i>F = full / PN = pneumatic</i>	300 /F	300 /F	400 /PN	400 /PN	400 /PN
Road transport approval	□	□	□	□	□
Shipment dimensions (cm)	118x60xh.87	118x60xh.87	130x80xh.115	130x80xh.115	130x80xh.115
Working dimensions for short cut (cm)	160x60xh.87	160x60xh.87	190x80xh.115	190x80xh.115	190x80xh.115
Working dimensions for 105 cm cut (cm)	□	□	230x80xh.115	230x80xh.115	230x80xh.115
Weight (kg)	140	139	210	210	223
Hydraulic oil filter, suction with by-pass	● standard				
<b>List price without VAT (€)</b>					
Net price without VAT (€)					
Offer validity					

□ = NO   ● = YES   \* = Cutting in two working phases

OPTIONAL ACCESSORIES	Code	List price (€)	Net price (€)
Rear log-support extensions cm 42 x 42 for 9 / 13 Ton (1 unit)	815.024		
Rear log-support extensions cm 50 x 75 for 9 Ton (1 unit)	815.023		
Rear log-support extensions cm 62 x 95 for 13 Ton (1 unit)	815.012		
Manual side hoist for 13 Ton	815.014		

The Hakka series is a targeted choice of horizontal log splitters for private use, transportable on the road!

- Easy of transport and usage.
- They are practical and functional for heavy applications, with a working height of 80 cm from the ground.
- Cutting lengths are 65 cm or 105 cm adjustable in two working phases.
- Comfortable extensions can be installed for an easier collection of the wood pieces that have to be cut (as standard or optional).
- They are assembled with a comfortable and exclusive (optional) side hoist.
- They are equipped with two standard command levers.
- Cutters with 2- and 4-cut, adjustable in 3 positions, included.
- The series includes EL versions with 230 or 400 Volt, versions powered by combustion engines and HVP tractor-connectable models.

Lights and indicators for road transport.



**NEW for  
2012**





Model / Ton	Hakka 13	Hakka 13	Hakka 13	Hakka 13
Code	13R.60.223.PD	13R.60.386	13R.60.VS10.PD	13R.60.HVP
Working position	Horizontal	Horizontal	Horizontal	Horizontal
Working pressure [bar]	250	250	250	250
Working height from the ground [cm]	80	80	80	80
Power supply EL = electric motor, VS = petrol engine, HVP = tractor	EL 230 Volt	EL 400 Volt	VS	HVP 540/rpm.
Power required [HP / kW]	3 / 2.2	5.5 / 4	9 / 6.7	22 - 16
Max. cutting length [cm]	65 / 105 *	65 / 105 *	65 / 105 *	65/105 *
Approximate cutting capacity (dia. cm)	70	70	70	70
Standard two-lever controls	●	●	●	●
Cutting stroke adjustment, from * to (cm)	0 + 65	0 + 65	0 + 65	0 + 65
Double cutting speed	●	●	●	●
1 <sup>st</sup> cutting speed (cm/sec)	5.20	6.10	8.00	10.70
2 <sup>nd</sup> cutting speed (cm/sec)	15.60	19.50	25.00	34.00
Return speed (cm/sec)	7.30	9.00	11.50	15.70
Pump (lt. min.) - PD = double pump	PD 14.50	18.60	PD 22.50	30.00
Hydraulic oil tank + system (lt.)	15	15	15	15
Adjustable 2- and 4-cut cutter (in 3 positions)	● standard	● standard	● standard	● standard
Side log-support extensions cm 42 x 42	optional 815.024	optional 815.024	optional 815.024	optional 815.024
Rear log-support extensions cm 62 x 95	optional 815.012	optional 815.012	optional 815.012	optional 815.012
Manual side hoist	optional 815.014	optional 815.014	optional 815.014	optional 815.014
Transport wheels (dia. mm) PN = pneumatic	500 /PN	500 /PN	500 /PN	500 /PN
Road transport approval	● standard	● standard	● standard	● standard
Shipment dimensions (cm)	130x130xh.115	130x130xh.115	130x130xh.115	130x130xh.115
Working dimensions for short cut (cm)	190x130xh.115	190x130xh.115	190x130xh.115	190x130xh.115
Working dimensions for 105 cm cut (cm)	230x130xh.115	230x130xh.115	230x130xh.115	230x130xh.115
Weight (kg)	260 + 20	260 + 20	273 + 20	248 + 20
Hydraulic oil filter, suction with by-pass	●	●	●	●
List price without VAT (€)				
Net price without VAT (€)				
Offer validity				

□ = NO   ● = YES   \* = cutting in two working phases

OPTIONAL ACCESSORIES	Code	List price (€)	Net price (€)
Rear log-support extensions cm 42 x 42 (1 unit)	815.024		
Rear log-support extensions cm 62 x 95 (1 unit)	815.012		
Manual side hoist	815.014		



Model: PORTA-TUTTO

## TROLLEY-EQUIPPED TELESCOPIC TRANSPORTER

*Useful and indispensable for many applications!*

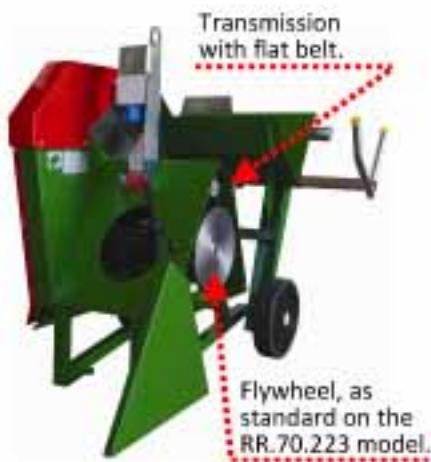
- They are very compact and sturdy, they take up little transport space.
- These models are available with (HV) hydraulic connections, or with electrical 230 or 400 Volt motor.



Model	Porta-Tutto	Porta-Tutto	Porta-Tutto
Code	TTC.025.5.231	TTC.025.5.381	TTC.025.5.HV
Power supply EL = electric motor, HV = tractor	EL 230 Volt 1 Hp	EL 400 Volt 1 Hp	Hydraulic CC.100
Length of the belt (open completely) (mt)	5	5	5
Belt width (cm)	25	25	25
Vulcanized blades, 6 cm. height (nr. of blades)	13	13	13
Double-ply PVC mat with metal coupling	●	●	●
Upper tow mat	●	●	●
Max. load height (45° = mt)	3.10 ~	3.10 ~	3.10 ~
Manual winch for extraction	●	●	●
Manual screw for load height regulation	●	●	●
Wheels for short movements (dia. mm) PN = pneumatic	2 x 400 /PN	2 x 400 /PN	2 x 400 /PN
Draw bar for short movements	●	●	●
Anti-return screen for greater operator safety	●	●	●
Weight (kg)	234	234	230
List price excl. VAT (€)			
Net price excl. VAT (€)			
Offer validity			

= NO    = YES

OPTIONAL ACCESSORIES	Code	List price excl. VAT (€)	Net price excl. VAT (€)
Larger wheels 500 dia.	835.029.K		
5 mt mat with blades	200.165		
Anti-return screen for greater operator protection	200.138		
Mat for hopper	200.139		

**SWING TANK SAW BENCH for max. 28 cm dia. cut**


Model	Katana 600	Katana 700	Katana 700	Katana 700
Code	RR.60.223.A	RR.70.223.A	RR.70.384.A	RR.70.V.PF.A
Steel blade, 30 dia. hole	ø 600 <u>included DA.600.30</u>	ø 700 <u>included DA.700.30</u>	ø 700 <u>included DA.700.30</u>	ø 700 <u>included DA.700.30</u>
Widia blade, 30 dia. hole	ø 600 optional DW.600.30	ø 700 optional DW.700.30	ø 700 optional DW.700.30	ø 700 optional DW.700.30
Max. dia. cut (cm)	22	28	28	28
Blade revs	1600	1400	1400	1400
Power supply EL = electric motor, V.PF = tractor	EL 230 Volt	EL 230 Volt	EL 400 Volt	V.PF 450 rpm.
Power required (HP / kW)	3 / 2.2	3 / 2.2	5 / 3.7	11 / 8
Electrical stopping brake on the blade	●	●	●	□
Transport wheels (dia. mm) F = full	300 / F	300 / F	300 / F	300 / F
3-point connector 1st – 2nd cat.	□	□	□	●
Cut adjuster <u>included</u>	●	●	●	●
Thrust roller 60 x 120 dia.	optional D.60.120	optional D.60.120	optional D.60.120	optional D.60.120
Flywheel	optional D.280.19	● <u>included</u>	optional D.280.19	□
Weight (kg)	115	133	125	122
Shipment dimensions (cm)	60x80xh.120	60x80xh.120	60x80xh.120	60x80xh.120
List price excl. VAT (€)				
Net price excl. VAT (€)				
Differ validity				

□ = NO ● = YES

OPTIONAL ACCESSORIES						
Code	Steel blade	Widia blade	Flywheel	Roller	Cardan shaft	
Description	DA.600.30	DA.700.30	DW.600.30	DW.700.30	D.280.19	D.60.120
List price excl. VAT (€)						
Net price excl. VAT (€)						

# *The best choice for professionals and foresters!*

- Widia disk blade: 750 dia. for 30 dia. hole included.
- Cutting control with standard thrust (ST).
- Hydraulic control optional (ID).
- Transmission with low friction XPA belt.
- Transport grip: included.
- 3-point connector 1st – 2nd cat. for all models: included.
- All versions can be coupled with a 4 mt x 0.25 or a 5 mt x 0.25 conveyor belt.

**NEXA-System... useful features:**

- Extremely simple and safe!
- With the open swing tank it disappears from the working area.
- During the cutting phase it does not create any hindrance!
- When the cutting phase is completed it positions itself automatically and hinders the feeding of logs with uncovered blade!



Exclusive safety system.

**NEXA System**  
una linea di macchine per la lavorazione del legno

Side feed mounted on bearings, with vertical stop position for transport.

Cut adjuster and discharge conveyor as standard (already pre-set for conveyor belt).

Pneumatic transport wheels 400 dia. as standard.



Petrol engine = VS

PTO 540 = V.PF

El motor + PTO 540 = KOMBI

**SWING TANK SAW BENCH for max. 30 cm dia. cut**


Series with STANDARD controls	Katana 750	Katana 750	Katana 750	Katana 750
Code	705.V.PF/ST.W	705.3812/ST.W	705.388.K/ST.W	705.VS.13/ST.W
Hydraulic control (ID)	optional 851.042.K	optional 851.042.K	optional 851.042.K	optional 851.042.K
Widia blade for 30 dia. hole	ø 750 included DW.750.30	ø 750 included DW.750.30	ø 750 included DW.750.30	ø 750 included DW.750.30
Max. dia. cut (cm)	30	30	30	30
Blade revs	1400	1400	1400	1400
Power supply V.PF = tractor, EL = electric motor, Kombi = EL + V.PF, VS = petrol engine	V.PF 540 rpm.	EL 400 Volt	Kombi (EL 400 V + V.PF)	VS
Power required (HP / kW)	25 / 18	12 / 9	7.5/5.5 – 25/18	13 / 9.5
Blade stopping brake	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> / <input checked="" type="checkbox"/>	<input type="checkbox"/>
3-point connector 1st – 2nd cat.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Transport wheels (mm dia.) included PN = pneumatic	400 / PN	400 / PN	400 / PN	400 / PN
Thrust roller 60 dia. x 120 for ST version	<input checked="" type="checkbox"/> included	<input checked="" type="checkbox"/> included	<input checked="" type="checkbox"/> included	<input checked="" type="checkbox"/> included
Cut adjuster and discharge conveyor for conveyor belt	<input checked="" type="checkbox"/> included	<input checked="" type="checkbox"/> included	<input checked="" type="checkbox"/> included	<input checked="" type="checkbox"/> included
Side folding logs feed	<input checked="" type="checkbox"/> included	<input checked="" type="checkbox"/> included	<input checked="" type="checkbox"/> included	<input checked="" type="checkbox"/> included
NEXA-System (Safety)	optional 851.035.K	optional 851.035.K	optional 851.035.K	optional 851.035.K
Cardan shaft for transmission with safety bolt	optional 600.125	<input type="checkbox"/>	optional 600.125	<input type="checkbox"/>
Weight (kg)	225	310	285	309
Shipment dimensions (cm)	80x120xh.160	80x130xh.160	80x120xh.160	80x165xh.160
List price excl. VAT (€)				
Net price excl. VAT (€)				
Offer validity				

= NO    = YES

OPTIONAL ACCESSORIES						
Description	Steel blade	Widia blade	Hydraulic control	Cardan shaft with safety bolt	NEXA System safety	Three-phase 230 V switch
Code	DA.750.30	DW.750.30	851.042.K	600.125	851.035.K	400.087
List price excl. VAT (€)						
Net price excl. VAT (€)						

# KATANA

**NEW!!!****LIFT****CUT ...****RAISE...****and DROP OFF.****All in just one machine !!****up to 6 m<sup>3</sup> / h**

Saw bench, able to drop the logs off directly into the container or into the trailer, without conveyor belts.

It takes up very little working space.

**Container, optional (code nr. 125.001.ZB)**



Series with STANDARD controls	Katana Lift	Katana Lift
Code	708.V.PF/ST.W	708.3812/ST.W
Widia blade with 30 dia. hole	ø 750 included DW.750.30	ø 750 included DW.750.30
Max. dia. cut (cm)	30 / 22	30 / 22
Adjustable cutting length (cm)	15 – 40	15 – 40
Raise- and drop off-actions	Hydraulic	Hydraulic
Drop off-height (cm)	170	170
Blade revs	1400	1400
Power supply V.PF = tractor, EL = electric motor	V.PF 540 rpm.	EL 400 Volt
Power required (HP / kW)	25 / 18	12 / 9
Blade stopping brake	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3-point connector 1st – 2nd cat.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Transport wheels (mm dia.) included PN = pneumatic	400 / PN	400 / PN
Thrust roller 60 dia. x 120 for ST versions	<input checked="" type="checkbox"/> included	<input checked="" type="checkbox"/> included
Side folding logs feed	<input checked="" type="checkbox"/> included	<input checked="" type="checkbox"/> included
Cardan shaft for transmission with safety bolt	optional 600.125	<input type="checkbox"/>
Weight (kg)	285	315
Shipment dimensions (cm)	97x150xh.175	97x150xh.175
List price excl. VAT (€)		
Net price excl. VAT (€)		
Offer validity		

= NO    = YES

OPTIONAL ACCESSORIES			
Description	Steel blade	Widia blade	Cardan shaft with safety bolt
Code	DA.750.30	DW.750.30	600.125
List price excl. VAT (€)			
Net price excl. VAT (€)			

# Safe and sturdy in any working conditions!

- They are available in the EL three-phase 400 Volt, V.PF for tractor and Kombi versions.
- They are extremely simple and easy to use. Can work everywhere.
- The EL and Kombi versions can work independently in stable position.
- The work assembly/disassembly phases are very easy and fast.
- In the transport position they are very compact and take up little space.





Series with STANDARD control	Tandem 4x025	Tandem 4x025	Tandem 4x025
<b>Code</b>	<b>706.V.PF/ST.W</b>	<b>706.3812/ST.W</b>	<b>706.388.K/ST.W</b>
Hydraulic control (ID)	optional 851.043.K	optional 851.043.K	optional 851.043.K
Widia blade with 30 dia. hole	ø 750 <u>included DW.750.30</u>	ø 750 <u>included DW.750.30</u>	ø 750 <u>included DW.750.30</u>
Max. dia. cut (cm)	30	30	30
Blade revs	1400	1400	1400
Power supply V.PF = tractor, EL = electric motor, Kombi = EL + V.PF	V.PF 540 rpm, for blade and belt	EL 400 Volt for blade and belt	Kombi for Blade and belt
Power required (HP / kW)	25 / 18	12 / 9	7.5/5.5 – 25/18
Blade's stopping brake	<input type="checkbox"/>	<input type="checkbox"/> / ●	<input type="checkbox"/> / ●
3-point connector 1st – 2nd cat.	●	●	●
Thrust roller 60 dia. x 120 for ST versions	● <u>included</u>	● <u>included</u>	● <u>included</u>
Cut adjuster with discharge conveyor for conveyor belt	● <u>included</u>	● <u>included</u>	● <u>included</u>
Folding side log-feed	● <u>included</u>	● <u>included</u>	● <u>included</u>
NEXA-System (Safety)	optional 851.035.K	optional 851.035.K	optional 851.035.K
Cardan shaft for transmission with safety bolt	optional 600.125	<input type="checkbox"/>	optional 600.125
Telescopic transporter 3.70 mt length x 0.25 mt width	● <u>included</u>	● <u>included</u>	● <u>included</u>
Max. loading height 45° (mt) – 4 mt belt (A)	2.40 ~	2.40 ~	2.40 ~
5 mt conveyor belt's extension	optional 853.020.K	optional 853.020.K	optional 853.020.K
Max. loading height 45° (mt) – 5 mt belt (B)	3.10 ~	3.10 ~	3.10 ~
Transport height with closed belt (mt)	A=2.50 / B=3.50	A=2.50 / B=3.50	A=2.50 / B=3.50
Winch for belt extraction	manual	manual	Manual
Winch for belt positioning	manual	manual	Manual
Fixed belt rotation speed	●	●	●
Weight (kg)	580	590	630
Shipment dimensions (a x b x h. cm)	145x120x245	145x128x245	145x120x245
<b>List price excl. VAT (€)</b>			
<b>Net price excl. VAT (€)</b>			
<b>Offer validity</b>			

= NO    = YES

OPTIONAL ACCESSORIES						
Description	Steel blade	Widia blade	Hydraulic control	Cardan shaft with safety bolt	NEXA System safety	Extension kit for 5 mt belt
Code	DA.750.30	DW.750.30	851.043.K	600.125	851.035.K	853.020.K
<b>List price excl. VAT (€)</b>						
<b>Net price excl. VAT (€)</b>						



#### NEXA System

#### NEXA-System... Its usefulness

- With the open swing tank it disappears from the working area.
- When the cutting phase is completed it positions itself automatically and hinders the feeding of logs with uncovered blade!

Code 100.346



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Azione inclusa nel progetto  
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con i contributi della  
 REGIONE  
PIEMONTE