

LOGOSOL | CH3



LOGOSOL CH3 Multi-Head Planer

User-friendly multi-head planer of the highest class – at the top of the wish list



✓ Profitability from day one. You can produce up to 360 linear metres an hour from the first day.

✓ You operate the machine in a comfortable working position; the machined timber comes out at waist level.

✓ More planer for your money! A really affordable planer. The chip extractor is also very reasonably priced, and together they give you a total solution at a great price.

✓ Perfect planing result! The high speed of the horizontal cutter and the ability to lower the feed rate when

necessary, give you an unbeatable result no matter what wood you are planing.

✓ A planer for those who have high demands on user-friendliness. Clear scales for width and thickness. By using the supplied tool for installing moulding knives, you can see where on the top cutter the workpiece will begin to be machined, and then install the knives in exactly the right place. You can easily access all settings from above.

✓ Rostproof, which means that the machine can be used in unheated premises.

PLANING BOARDS IS EASY!

ADJUSTABLE FEEDING SPEED

You can choose if the machine should feed the workpiece with a speed of 3 m/min or 6 m/min. When moulding a workpiece, you choose the lower speed. If the surface finish is less important, when producing construction timber for instance, you choose the higher speed.

ABILITY TO RESET THE SCALE

You will appreciate the advantage of being able to reset the scale if you are using moulding knives of different profile depths or cutter heads of different diameters. In that case you can quickly calibrate the scale so that the width of the finished profile becomes exactly according to the scale.

It is also possible to calibrate the height of the height adjustment scale so it matches how you have set the planing knives.

ADJUST THE FEED ROLLER PRESSURE FROM ABOVE

It is easy to adjust the feed roller pressure applied on the workpiece. Depending on the sort of wood and width of the workpiece, you should adjust the pressure accordingly. With the CH3 Multi-Head Planer this is much easier than with our previous planers.

SEPARATE MOTORS

The advantage of separate motors is that you can start the cutters and the feed individually. If the workpiece stops in the machine, you can first start the cutters and then the feed.

SKU: 7800-000-3000

LOGOSOL CH3 Multi-Head Planer

User-friendly & robust multi-head planer of the highest class – at the top of the wish list

The Logosol CH3 Multi-Head Planer is the next-generation planer/moulder, developed and manufactured in Härnösand, Sweden. This is a world-class planer adapted for high productivity and based on 25 years of experience. It is equally suitable for the big leisure interest as for the joinery and construction industry. With its robust, compact and user-friendly design, it is extremely affordable. Producing your own mouldings is a profitable form of wood processing for most building projects. This machine is very easy to use and simple to own.

The world's most easy-to-set-up planer/moulder

When you look at the planer, you will immediately understand how to use it. You can see all features through the big vision panel, and under the cover all settings are easy to access and

pedagogically placed and marked. Height and width are easy to adjust steplessly when dimension planing the material. If you want to produce different kinds of profiles, it is just as easy. Installing moulding knives in the correct positions takes a few minutes. You get started quickly.

A perfect result at once!

The machine is tuned from the factory in Härnösand, which means that you can extremely quickly and easily install moulding knives in the machine. Width and thickness are adjusted by using clear scales. The vertical position of the side cutters is precisely adjusted from the factory. You get a perfect result at once.

Sturdy, stainless machine tables

The machine tables are made of thick, laser-cut and precision-machined steel plate that is coated to never rust. They are even heavier than traditional cast-iron tables and incredibly stable.



✓ The fence of the first cutter head is easily adjusted by a lever.



✓ Improved accessories, such as extension tables, extended jointer fence and extra pressure rollers, allow you to adapt the machine to your requirements.

TECHNICAL DATA CH3

**3-sided machining
(dimension planing)**
Width: 25 to 205 mm
Height: 10 to 60 mm

2-sided machining
Only the side cutters are used
Width: 220 mm
Height: 10 to 70 mm

Planing
Width: 300 mm
Height: 10 to 70 mm

Supplied cutter heads
Type TB90, planing knives
Diameter, body: 90 mm
Height, body: 40 mm

Top horizontal cutter
Diameter: 72 mm
Width: 300 mm
Power: 3kW
Rotational speed: 7200 rpm
Take-off: max. 8 mm
Profile depth: max. 20 mm

Side cutters
Spindle diameter: 30 mm
Cutter height: max. 40 mm
Diameter: max. 140 mm
Power: 1.5 kW
Rotational speed: 3000 rpm
Take-off: max. 20 mm
Planing knives HSS
Knife width: 50 mm

Feed
Power: 0.3/0.22 kW
Feed rate
Low speed mode: 3 m/min
High speed mode: 6 m/min

Electrical system
Moisture protection IP54
Total power: 6.3 kW
Electrical supply: 3-phase, 400V, 16A
Length: 1100 mm
Width: 720 mm
Height: 1115 mm (990 mm without the electrical box)
Weight: approx. 250 kg

FASTER TOP CUTTER

The high rotational speed of the top cutter gives an even better surface than our previous planers.

QUICK ADJUSTMENT OF THE SIDE FENCE

The side cutter fence is quickly and exactly adjusted by a lever.

GENEROUSLY SIZED FEED ROLLERS

The feed rollers are fully 40 mm in diameter and have angled grooves for powerful feeding and to prevent the workpiece from slipping.



✓ Big and grooved feed rollers and a rubber out-feed roller to protect the smooth-planed surface.

Furthermore, both the cutter heads and the spindles, i.e. the shafts of the side cutters, are rustproof to allow the planer to be used in unheated premises and even outdoors for shorter periods.

Choose from hundreds of standard profiles or design your own

In Logosol's tool catalogue there are hundreds of different standard profiles to choose from. You can also order your own design or reproduce old profiles, which can be of great value if you, for instance, want to renovate an old house.

This is a machine we look forward to delivering to many customers. It is affordable, extremely easy to use and you can quickly get started with producing mouldings and panelling for your building projects.

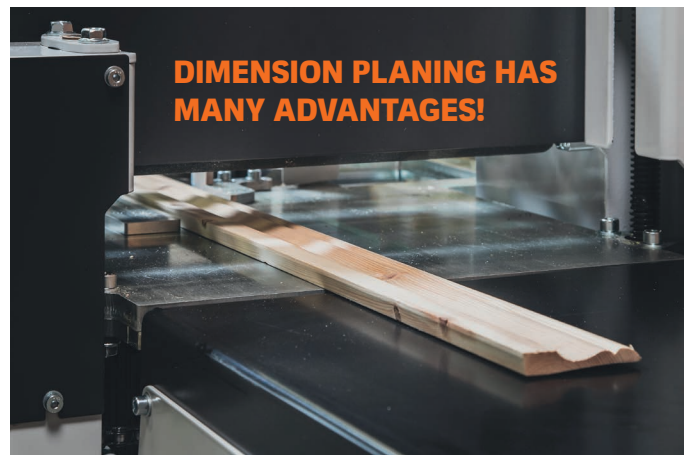


✓ Two-speed motor for the feed, with a knob to easily adjust the speed between "Tortoise" and "Hare".

✓ Detailed instructions with text, pictures and QR codes for videos that guide you through different steps.

✓ Moulding knife package and a lot of more moulding knives are available on our website.

✓ Improved chip management with aerodynamically designed chip outlets.



A few words about why we recommend that you always dimension plane

For a better result, we recommend that you plane the width and thickness of the material to get the correct dimensions before moulding it. It takes about 15 minutes for 100 linear meters of timber, and this is time well spent. Planing knives are always installed in the top horizontal cutter of the machine.

At the same time as you are dimension planing, you can make a groove on the back of the material when producing panelling, for instance. Remember that the heartwood side should always face outwards on a panel. Since the wood in a tree is denser the closer to the heartwood it is, the boards will become somewhat convex on this side as it dries.

Besides having timber of the same dimensions, which you can run through the machine using the same settings, you can also save timber by dimension planing it first. When the timber is dimension planed, you can see if a board has the wrong dimensions, and save it for another project. However, if you had profiled it first, it would probably be unusable.

All planing knives are installed in the machine when shipped. If you want to switch the machine from moulding to dimension planing, you need to remove the moulding knives from the horizontal cutter, and in the side cutters you replace them with planing knives.

When dimension planing the take-off is about 1 mm, and approx. 1 mm is left for profiling the wood.



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