

PH260



MORETENS

Innovative woodworking machinery



MOReTENS have been manufacturing woodworking machinery in Sweden for over 25 years. The innovative design of our machines is shaped by our customers' needs, bringing them cost effective solutions and unique advantages.



Moretens' Swedish manufacturing plant.
All the Moretens range is produced to the highest quality standards

PH260 Four-sided planer/moulder



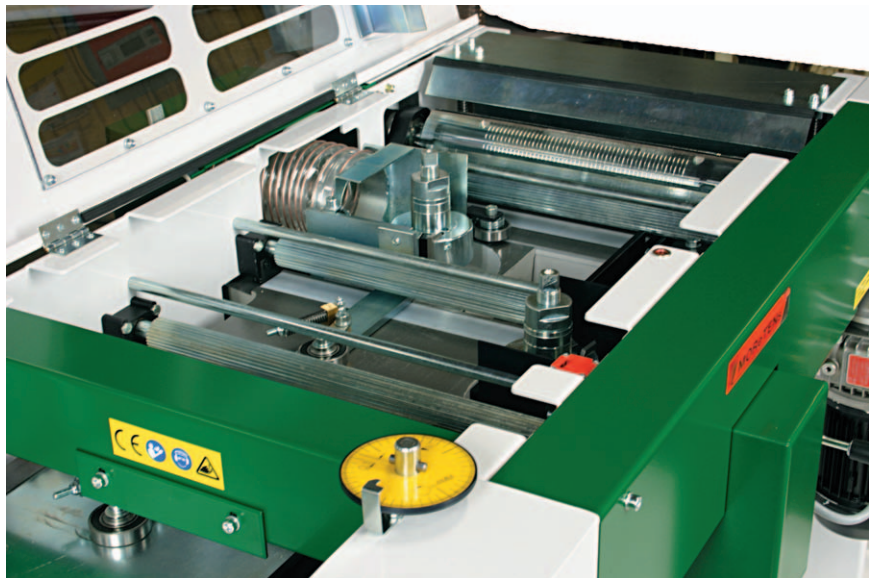
- Planes and moulds on all four sides in one pass
- Large capacity
- Stainless so you can use it in cold /damp environments
- Supplied with planer knives and vertical cutter blocks
- Vertical cutters take standard Euro cutters
- Horizontal cutters can be used in combination to give 4 functions
- 5 motors
- Stepless feed using planetary gearbox
- Easy to move on pallet or on wheels
- Feed system that can handle boards with high moisture content
- Scales that indicates 1, 1/10, 1/100 mm
- Planed cast iron table
- Very easy to re-set between profiles and dimensions
- 10 thermal -guards protect the machine
- The machine can use a large selection of reasonable priced blades and profile cutters
- The PH 260 can be found working today:
 - for cabinetmakers
 - at saw-mills
 - on farms
 - in industry
 - for builders
 - at building supply stores
- We have made and developed small-scale 3 and 4 sided moulders since 1993.

A small-scale 4-sided planer and moulder leaving an excellent result with perfect measurements.

The machine is easy to adjust; you can reset profiles and dimensions in a matter of minutes

Making it perfect:

- For cabinetmakers.
- For custom order in a saw mill.
- On the farm for their own needs or for trading.
- In industry for short series or special applications.
- In builders merchants for custom producing.
- For the builder to produce all kinds of special dimensions and profiles as required.



Easy to move. The size and the weight make it easy to move on a pallet or on wheels. Making it the ideal machine for the small busy workshop.

Small machine - Large capacity

The machine has a large capacity.

4-sided planing and moulding: Width 260 mm, height 80 mm (or even higher with accessories)

2-sided planing and moulding: Width 300 mm, height 230 mm

1-sided planing and moulding: Width 410 mm, height 230 mm (Needs assembling)

Profile depth and cutting depth are also impressive.

Cutters

For the vertical cutters the machine has 2 vertical spindles 30 mm diameter.

That means there is a large choice of profile cutters on the market that will fit the machine. Two vertical cutter blocks are supplied with the machine. So the machine is ready for 4-sided planing when delivered.

Horizontal cutters can be set up with 4 functions:

- planing with 2 blades
- planing with 2 blades and moulding with 2 profile blades
- moulding with 4 profile blades to combine 2 different profiles
- planing with 4 blades for even a better finish

All cutter blocks can use moulding cutters and we have a large selection of profiles. You can also have them custom design.

With the 72 mm diameter horizontal cutter block and 2 blades the "cup"-depth is 0.001 mm. A larger diameter block would not improve the finish in any visible grade.

You need a larger diameter when the feed-speed needs more than 4 blades. The problem is that big cutter diameters gives you problem with higher friction and with that increased blade wear.

Feed system

The machine has 5 feed rollers. The last feed roller which is a rubber roller, will feed the board out of the machine without any assistance.

The 4 in-feed rollers made of grooved steel and 1 out-feed roller of rubber to give the best possible feed.

As standard the four-sided moulder has a planetary gear, for step-less feed from 2 to 12 m/min

Five motors

All four cutters and the feed have there own motors and switchgear. The control panel with there lamps is mounted over the machine for easy access.

The machine is built with a planed cast iron table for best stability, precision and durability.



Accessories



Chip extractor system

Modular chip extractor units to meet your needs.

Chip extractor SP4000

The heart of the system is a sturdily built extractor unit. The casing and impeller are manufactured in steel giving a flow rate of 4000 m³/h to match the requirements of the PH 260. The outlet can be pointed in several directions using your own collection system. The inlet can be mounted on two sides. Motor 3 kW (4 Hp) Suction inlets are either 4 x 100 mm or 1 x 150 mm or 1 x 200 mm. The outlet size is 200 mm.

Chip extractor SP4000 KPLH

System complete with filter, cyclone, bag collection and wheels.

Chip extractor SP4000 KPLV

System complete with filter, cyclone, bag collection. Wall mounted.

Chip extractor SP4000 KPLB

System complete with filter, cyclone, bag collection. Floor mounted.

Chip extractor SP4000 KPLSF

System complete with filter, cyclone, bag collection. Wall mounted cyclone and collection system. Delivery hose between cyclone and fan to allow the fan to be located away from the collection system.

Chip extractor SP4000 KPLSB

System complete with filter, cyclone, sack holders. Floor mounted cyclone and collection system. Delivery hose between cyclone and fan to allow the fan to be located away from the collection system.

Chip extractor SP4000 KPLSF

System complete with filter, cyclone. For placement on a chip container. Delivery hose between cyclone and fan allows the fan to be located away from the cyclone system.

Collection bag size 2 x 250 litre. Frame for fast and easy set up of filters and bags. Adjustable flow between filters.

Extension table

The extension table is manufactured from steel and is of the scissor type. The table follows the movement of the machine table. The tables can be used as both in feed and out feed tables. Size 1200 mm x 305 mm. The table is made in 3 mm steel plate.

Fence 700

For more planing function. Length 740 mm.

Fence 1400

For more planing function. Length 1435 mm. Delivers with extra holder.

All rubber feed-rollers

Hardened feed-rollers

Planetary gear for stepless variation of the feed speed, 4-24 m/min.

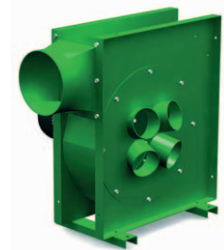
Planer blades in HSS

Planer blades in HSS18

Planer blades in TCP

Wheel kit

Profile blades ask for catalogue



Technical data

Capacity

4-sided moulding	
Max width	260 mm
Height	10 - 80 mm
2-sided moulding	
Max width	300 mm
Height	10 - 230 mm
1-sided moulding or thickening (needs assembling)	
Max width	410 mm
Height	230 mm

Upper horizontal cutter

Diameter	72 mm
Width	410 mm
Power	3 kW (4 Hp)
Speed	6000 rpm
Cutting depth, max	8 mm
Profile depth, max	10 mm

Lower horizontal cutter

Diameter	72 mm
Width	300 mm
Power	3 kW (4 Hp)
Speed	6000 rpm
Cutting depth	0-4 mm
Profile depth, max	15 mm

Vertical cutters

Spindle diameter	30 mm
Cutter height, max	100 mm
Diameter, max	140 mm
Power	3 kW (4 Hp)
Speed	6000 rpm
Cutting depth, max	approx 30 mm

Standard cutter

Type	TB90 steel fzb
Diameter, head	90 mm
Height, head	40 mm
Blades, type	HSS
Blades, width	50 mm

Feed, planetary gear

Power	0,37 kW
Feed speed	2-12 m/min

Electrics

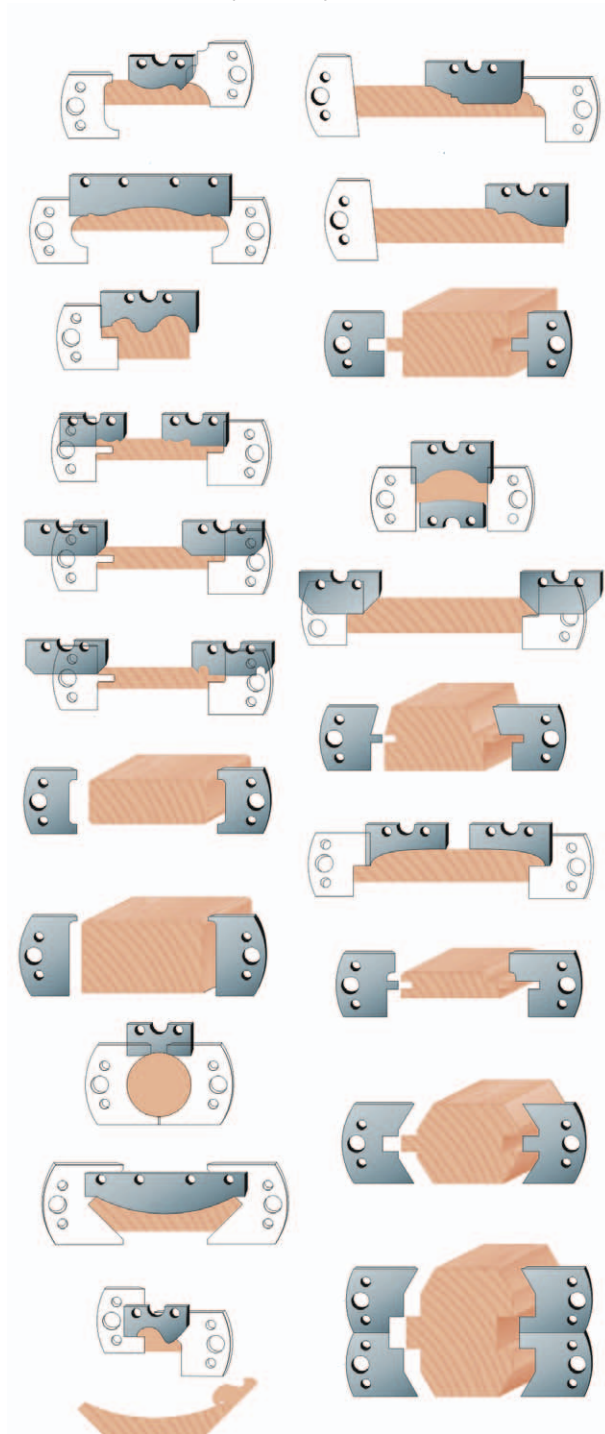
Total power	12,4 Kw (16,5 Hp)
Connection	3-phase, 16 A, 400-415 V or 230V [Available also in 1-phase]

Dimensions and weight

Length x Width	1100 x 900 mm
Height	970 mm
Weight	410 kg

www.moretens.com

Examples on profile blades



Made in Sweden