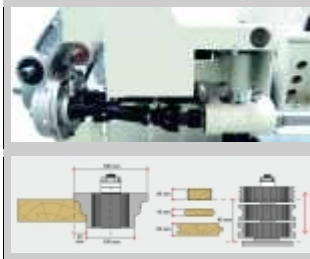


Automatic throughfeed planer moulder profiset 60



MAIN FEATURES



THE OPTIMUM FEEDING: MORE PRODUCTIVITY AND IMPROVED FINISHING

HIGH PERFORMANCE AVAILABLE AS STANDARD

	Profiset 60
Minimum working width (finished section)	25mm (15mm opt.)
Maximum working width (finished section)	230mm
Minimum working height (finished section)	6mm
Maximum working height (finished section)	120mm
Minimum length of single component - comp.4	450mm (430mm opt.)
Minimum length of single component - comp.5	630mm (420mm opt.)
Variable feed speed with inverter	5 ÷ 25m/min
Feed motor power	3 kW (4 Hp)
Planer spindle motor power	4 kW (5,5 Hp)
Vertical spindles motor power (single)	5,5 kW (7,5 Hp)
Top horizontal spindle motor power	4 kW (5,5 Hp)
Bottom horizontal spindle motor power-Comp.5	4 kW (5,5 Hp)
Universal spindle motor power (option)	4 kW (5,5 Hp)
Spindles speed	6.000 rpm
Spindles diameter	40mm
Vertical spindles length	140mm
Horizontal spindles length	250mm
Universal spindles length (option)	240mm
Axial adjustment of vertical spindles with respect to the worktable	40mm
Axial adjustment of horizontal spindles with respect to the right fence	40mm
Min./max. tool diameter on surface planer	120 - 140mm
Min./max. tool diameter on vertical spindles	100 - 180mm
Max. profiling capacity on vertical spindles	40mm
Min./max. tool diameter on top horizontal spindle	125mm (100-180mm opt.)
Min./max. tool diameter on 2nd bottom horizontal spindles	100 - 180mm
Profiling capacity with tool 180mm on 2nd bottom horizontal spindles	15mm
Min./max. tool diameter on universal spindle (option)	100 - 180mm
Feed rollers diameter	140mm
Infeed table length	2.000mm
Rapid adjustment of infeed table and fence	10mm
No. 2 feed rollers 140x25mm for each feed hub	STD
Manual pump for table lubrication	STD
Manual centralised lubrication	STD

GENERAL FEATURES

Machine base

Thick steel machine base with strongly ribbed structure and tubular supporting base.

Worktables

Tubular steel infeed table with vertical adjustment by means of parallelogram system. The cast iron worktables have a low friction co-efficient and are extremely hardwearing. They are equipped with removable inserts in front of the vertical spindles

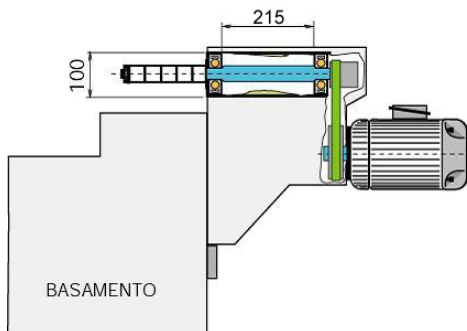
Fences

Widthwise adjustable infeed right fence by means of parallelogram system and it is complete with a pre-straightening system through the reference engraver placed on planer spindle (tool is not included).

Right fences with easily adjustable sectors for a correct positioning according to the used tools

Spindles

100 mm diameter cast iron spindle cylinder with a couple of 85mm diameter radial bearings. Centre-to-centre distance between bearings: 215mm to ensure the maximum stiffness and precision.



Feed system

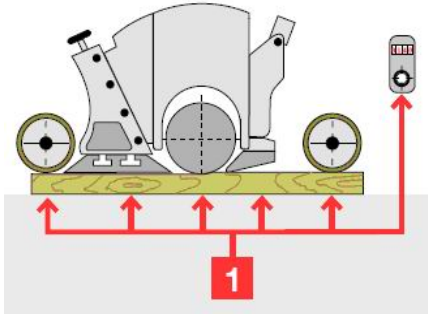
The beam which supports the feed system is made of a tubular ribbed structure and it is provided with manual vertical movement or automatic movement by NC coupled to the top horizontal spindle.

The feed speed can be stepless adjusted by means of an inverter. Feed rollers are driven by universal joints and gearbox drive.

An idle roller placed on the outfeed table improves the feed when dealing with particular machined sections.

Shafts and feed rollers made of steel with hardened surface and standard pneumatic pressure.

"SET UP" quick adjustment system



The picture refers the composition 5

It is a patented, exclusive SCM device allowing very easy and quick set-up with every tool change.

The right and left vertical spindles (on request also top horizontal spindle) are equipped with the "SET UP" quick adjustment system, which allows the set-up of the machine in one single step.

It is enough to set the minimum tool diameter (in case of a top horizontal spindle), and the tool itself, working thickness, front/rear pressures, feed rollers are automatically adjusted.

Working unit positioning

All working unit adjustments are controlled from the machine front with mechanical digital readout of position and decimal precision of work section.

Ergonomics

All controls are placed on the machine front at a suitable height for easy use.

The integral safety enclosure ensures low emission of noise and dust guaranteeing a full view of the machine at the same time.



composizione 4



composizione 4 + universale



composizione 5



composizione 5 + universale

Production code: PROFISSET 60		
109999	Security execution	N. 1
R42207	profiset 60 composition 5	N. 1
930731	Volt 400 EU	N. 1
931201	Frequency 50 Hz	N. 1
111225	Increased motor powers: -comp. 5 5,5 kW (7,5 HP) planer spindle; 7,5 kW (10 HP) right/left vertical spindle 7,5 kW (10 HP) top horizontal spindle 5,5 kW (7,5 HP) bottom horizontal spindle	N. 1
271254	Brake for 4 motors - composition 5	N. 1
901048	Kit for enabling profiling with the top spindle Features: – 100-180mm min/max. tool diameter – 40 mm axial stroke – 2 mechanical readouts with decimal precision	N. 1
291399	2500mm infeed worktable	N. 1
083233	WOOD BLOCKS	N. 1
109991	Machine language: ENGLISH	N. 1