

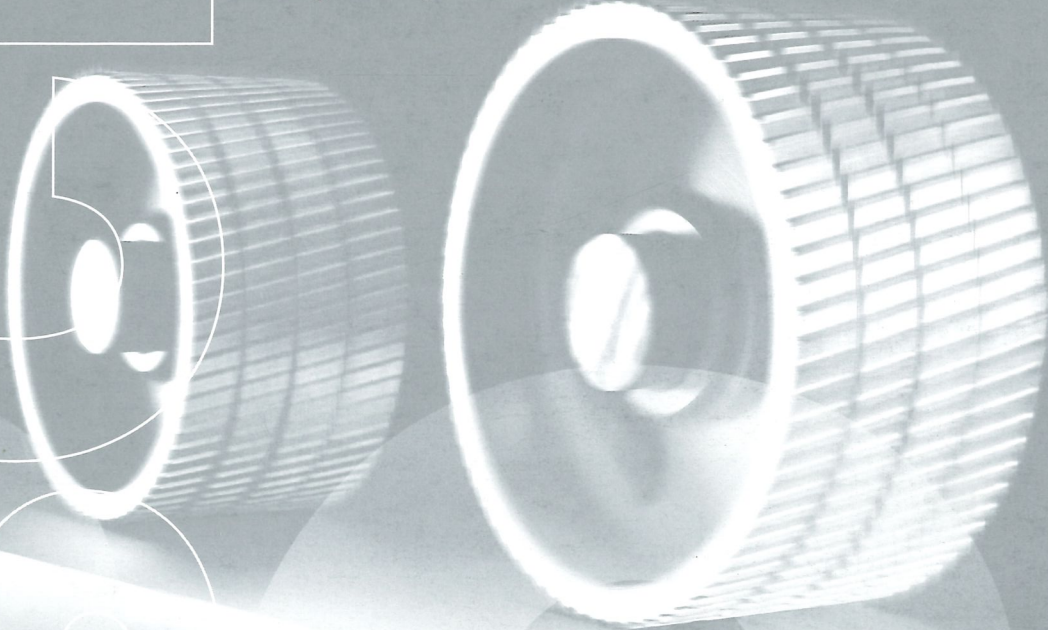
SE



Superset XL

Throughfeed planer moulder

CS
SP



V



Superset XL

scm

Throughfeed planer moulder

The evolution

Strong, versatile, powerful, safe.

- New SET-UP/2 system for faster, easier set-up
- Independent motors on all tool spindles
- Long axial adjustment (80 mm on vertical spindles)
- New, ergonomic design. All the controls are on the front of the machine at the ergonomically correct height
- Tool diameters up to 200 mm. Moulding capacity up to 50 mm

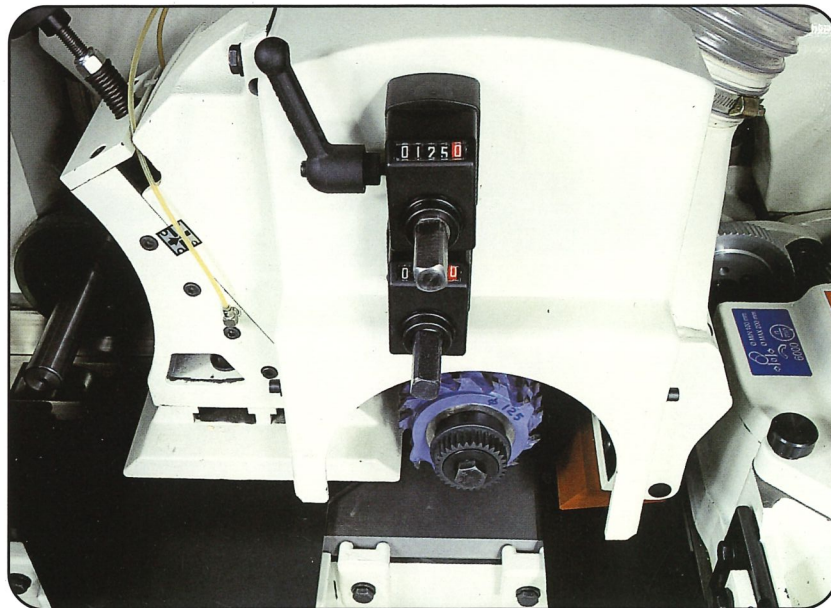
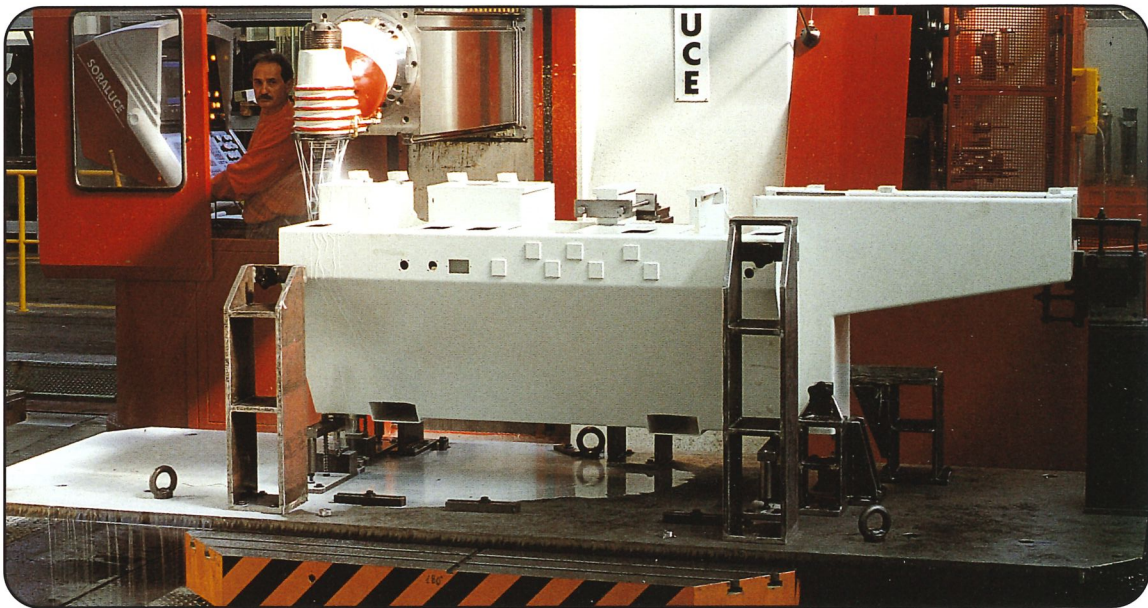


Superset XL

**The modern throughfeed planer moulder.
Versatile and strong. Top quality at a truly competitive price**

Strong

The SUPERSET XL has a single piece steel base machined entirely on a CNC machining centre in a single clamping operation.

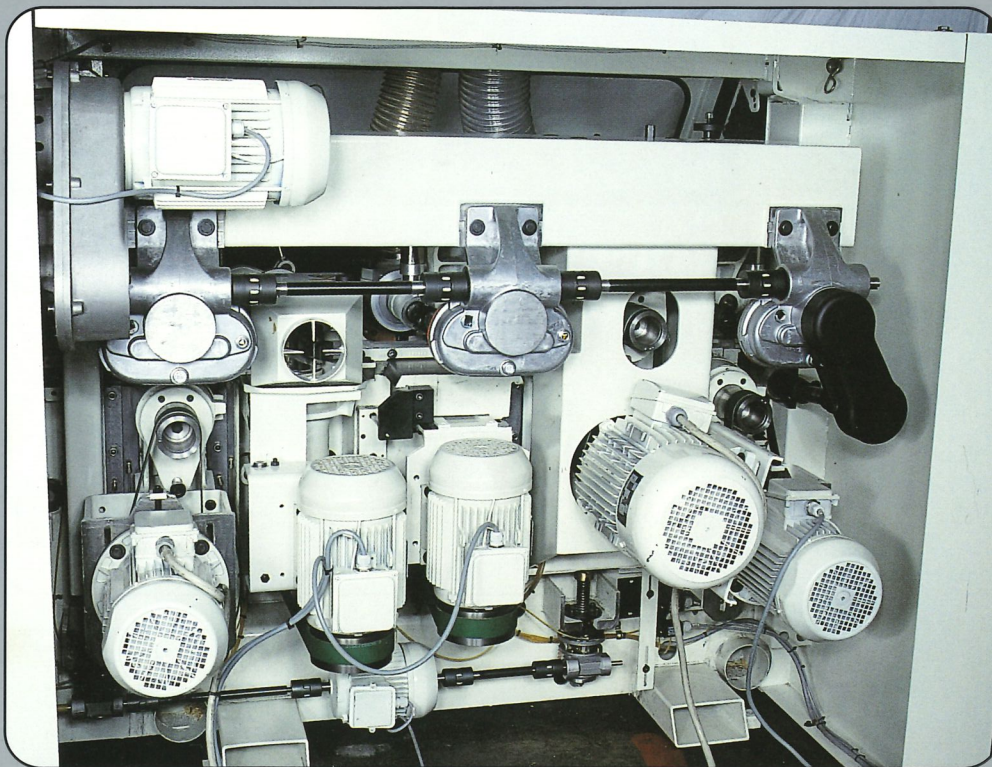
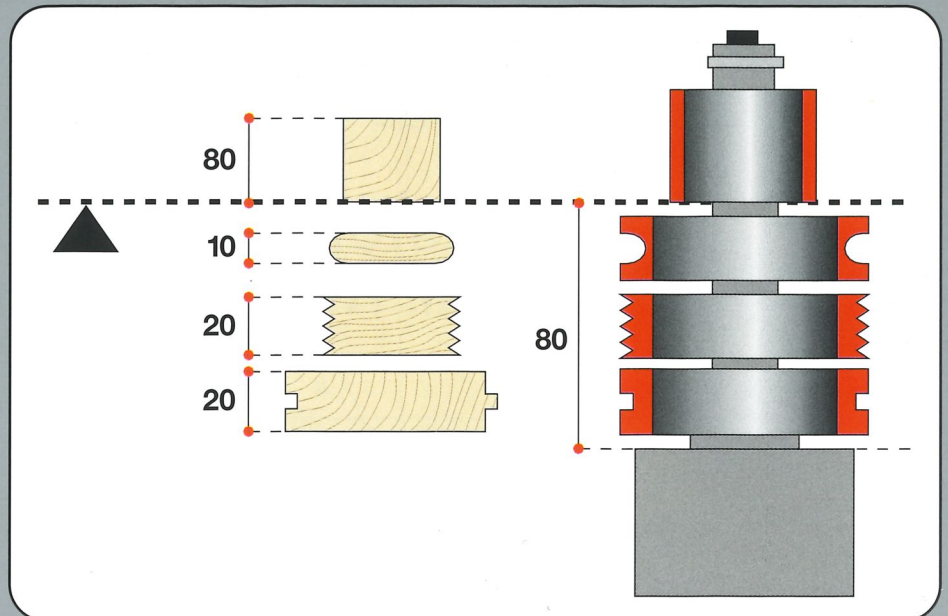


Fast

SUPERSET XL has the innovative SETUP/2 system fitted as standard making set-up times at part changeover up to twenty times faster.

Versatile

SUPERSET XL has long axial adjustment: 80 mm on vertical spindles and 45 mm on horizontal spindles.

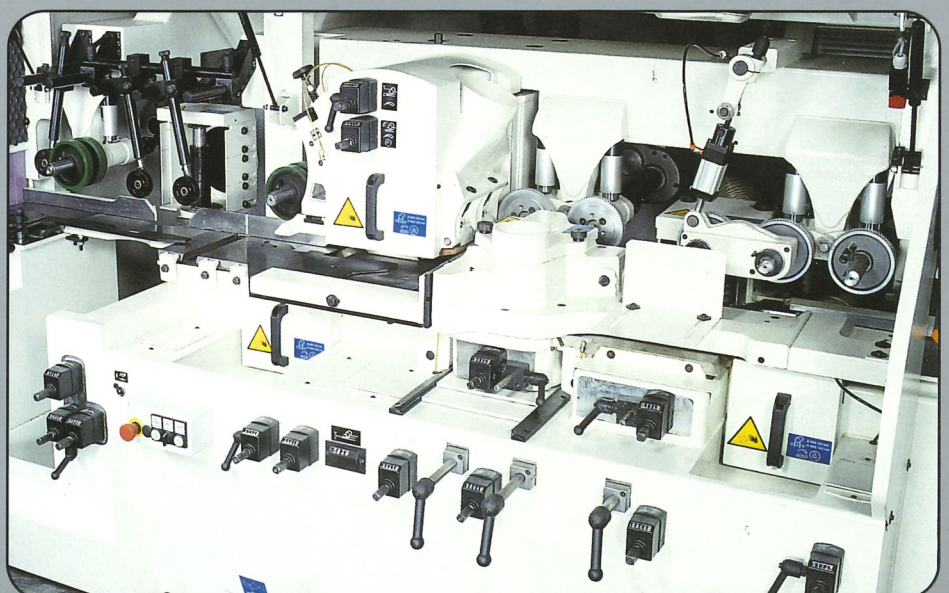


Powerful

On the SUPERSET XL each tool spindle has its own, independent motor. The machine is a truly powerful throughfeed moulder.

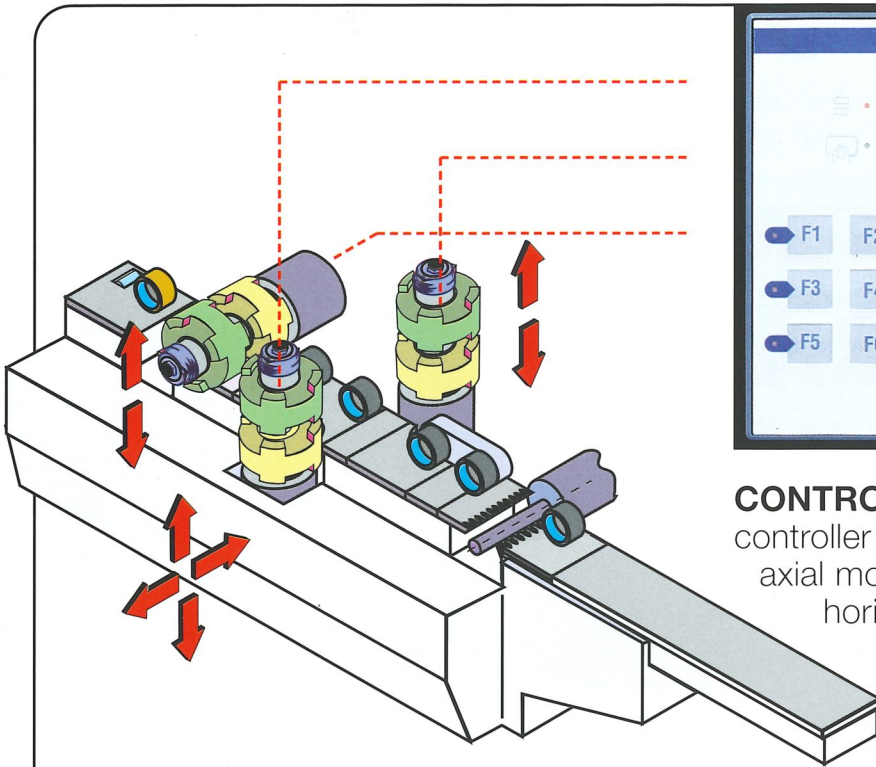
Ergonomics

Superset XL has been designed for maximum ease of use in complete safety and with the minimum retooling times.

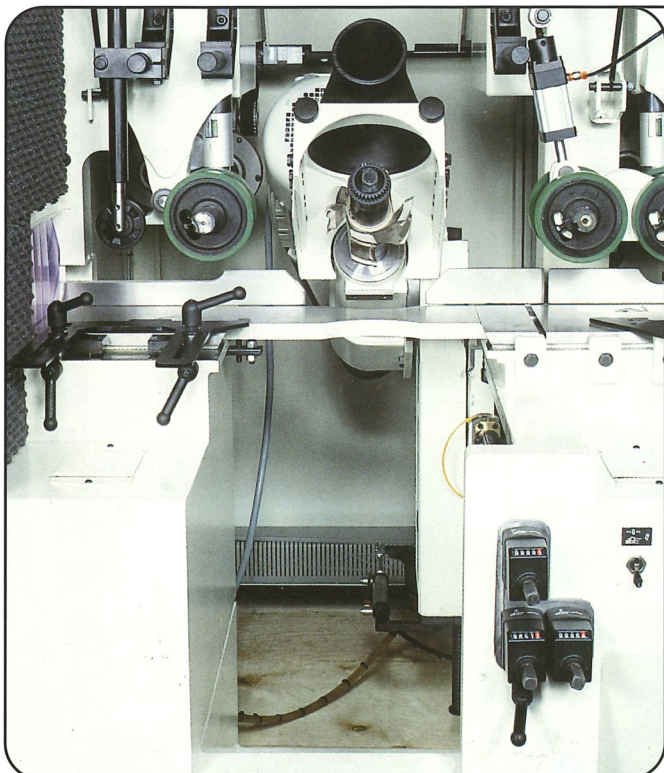


Superset XL

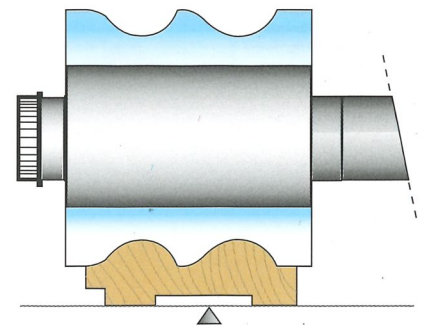
**Customised options
for all machining tasks.**



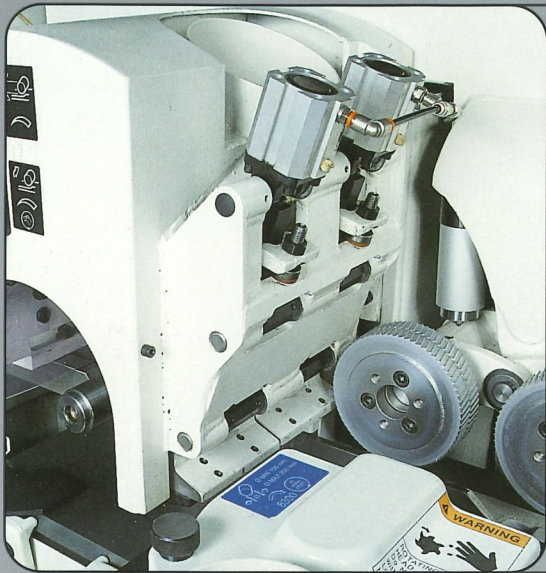
CONTROL 20: the latest electronic controller for full control of vertical spindle axial movements, left vertical spindle horizontal movements and upper horizontal spindle vertical movements.



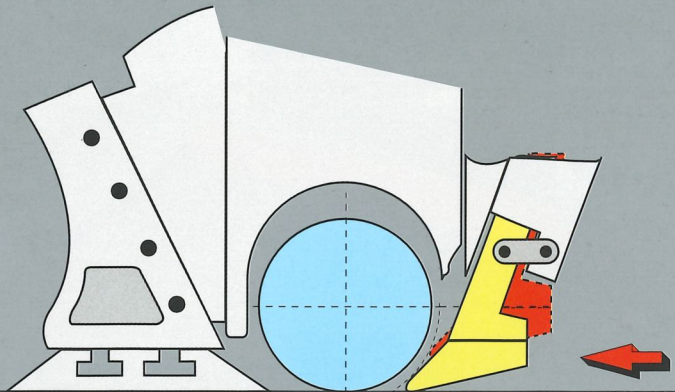
Universal spindle
With 360° adjustment, designed to reach the required work position more easily. Spindle rotation is operated by using a selector on the front of the machine.



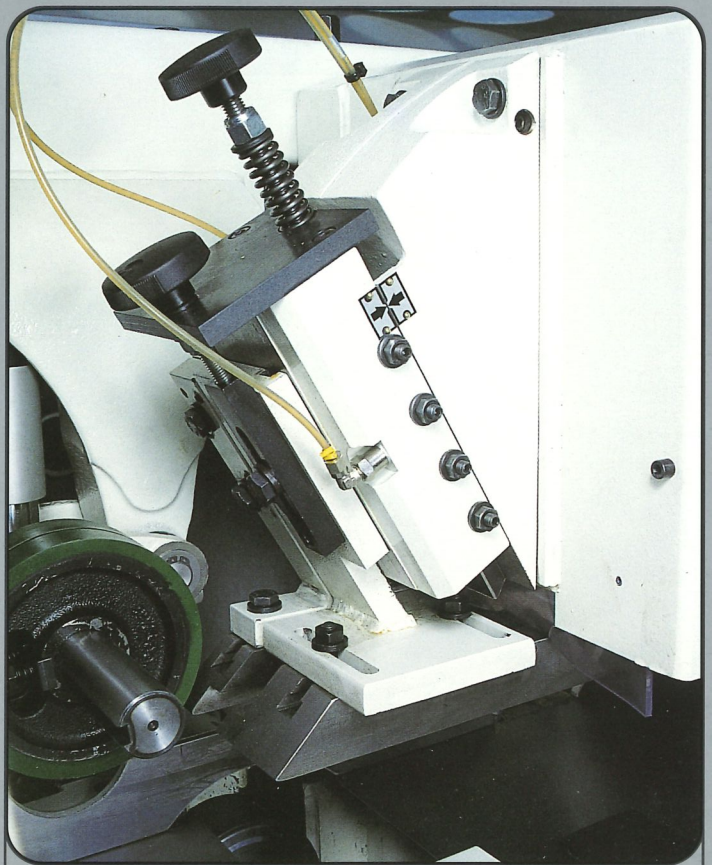
Inverter-controlled spindle speeds from 1000 to 6000 rpm, ideal for sanding and cutting operations.



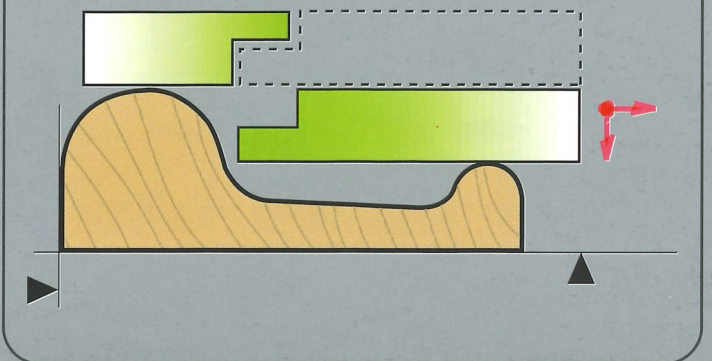
Pneumatically operated presser shoe positioned in front of the upper horizontal spindle with angled movement.



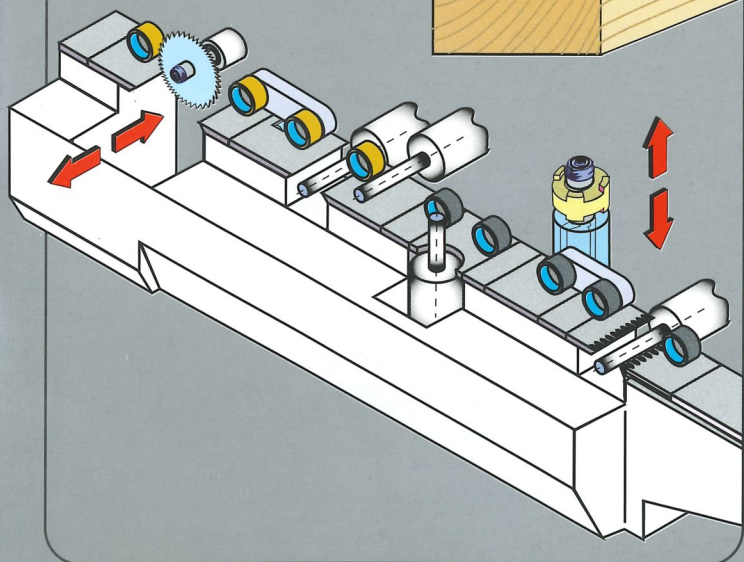
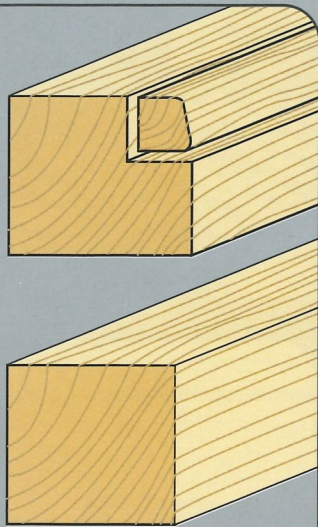
Inverter-controlled feed speeds up to 36 m/min. adjusted from the control panel.

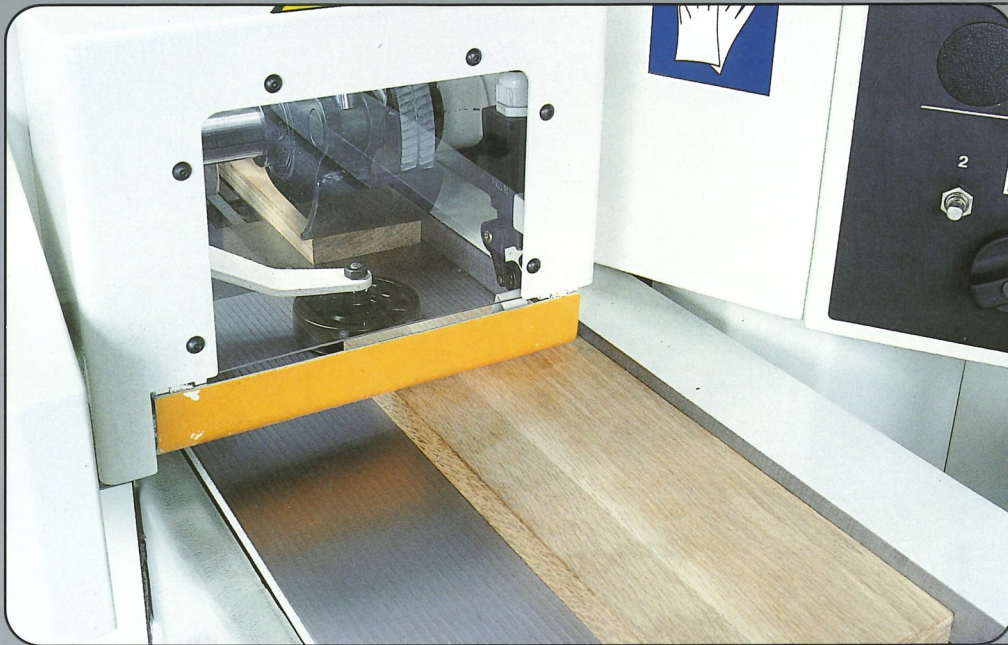


Two-section presser shoe positioned after the upper horizontal spindle.

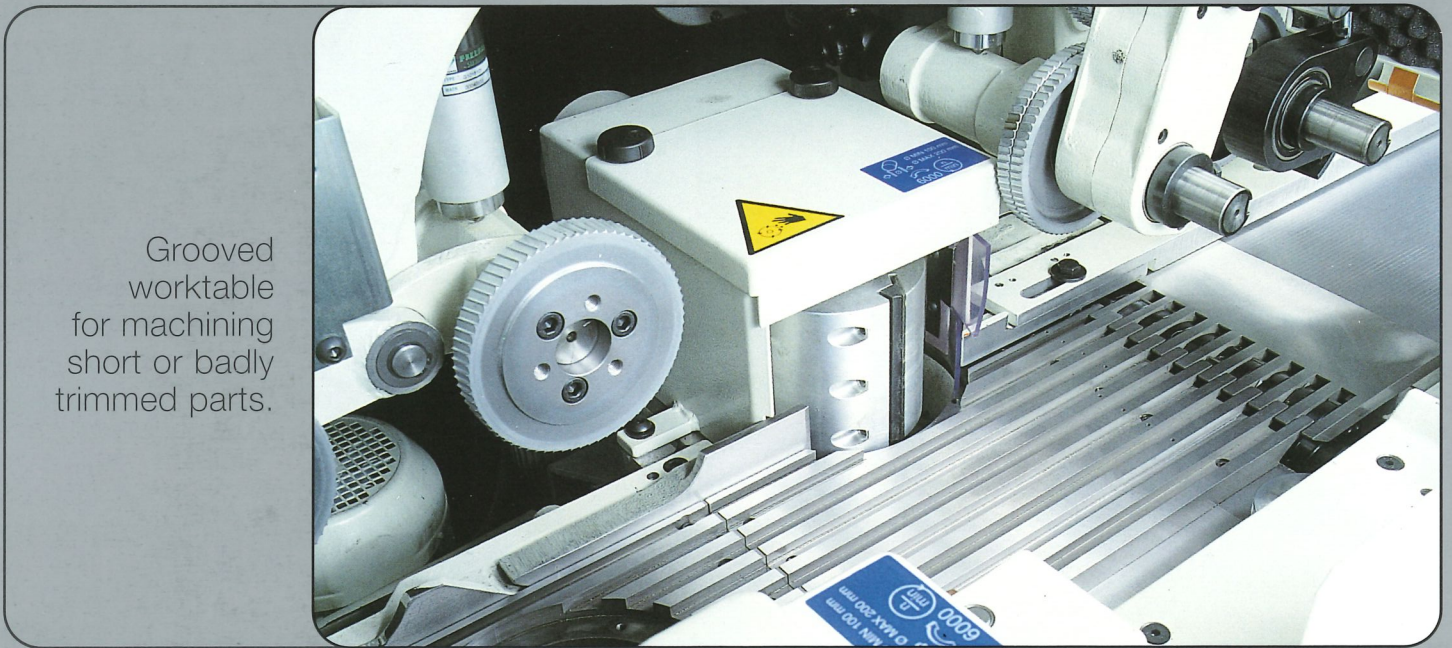


PRL unit:
for rapid automatic changeover from planing to planing with glazing bead recovery and back again.

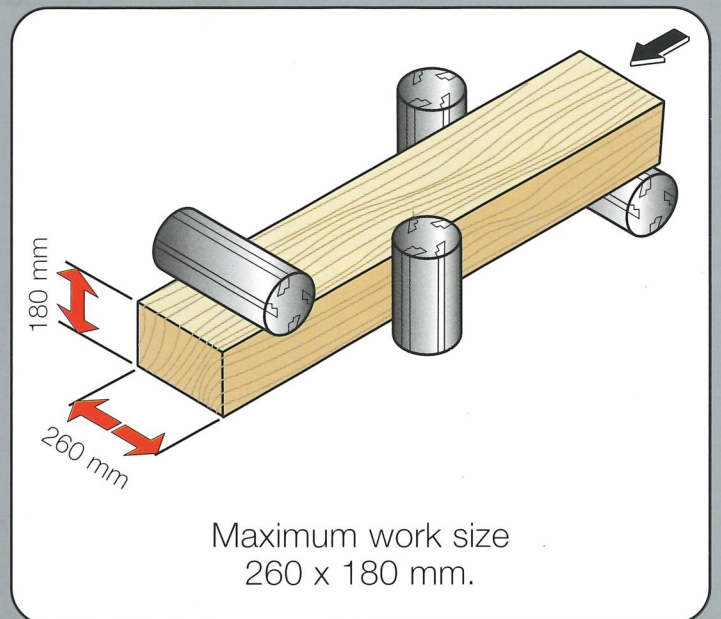
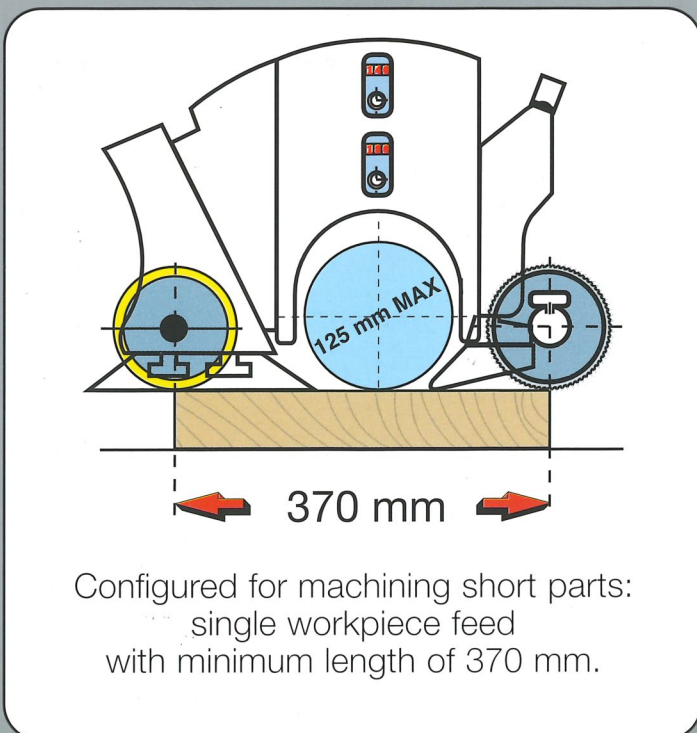




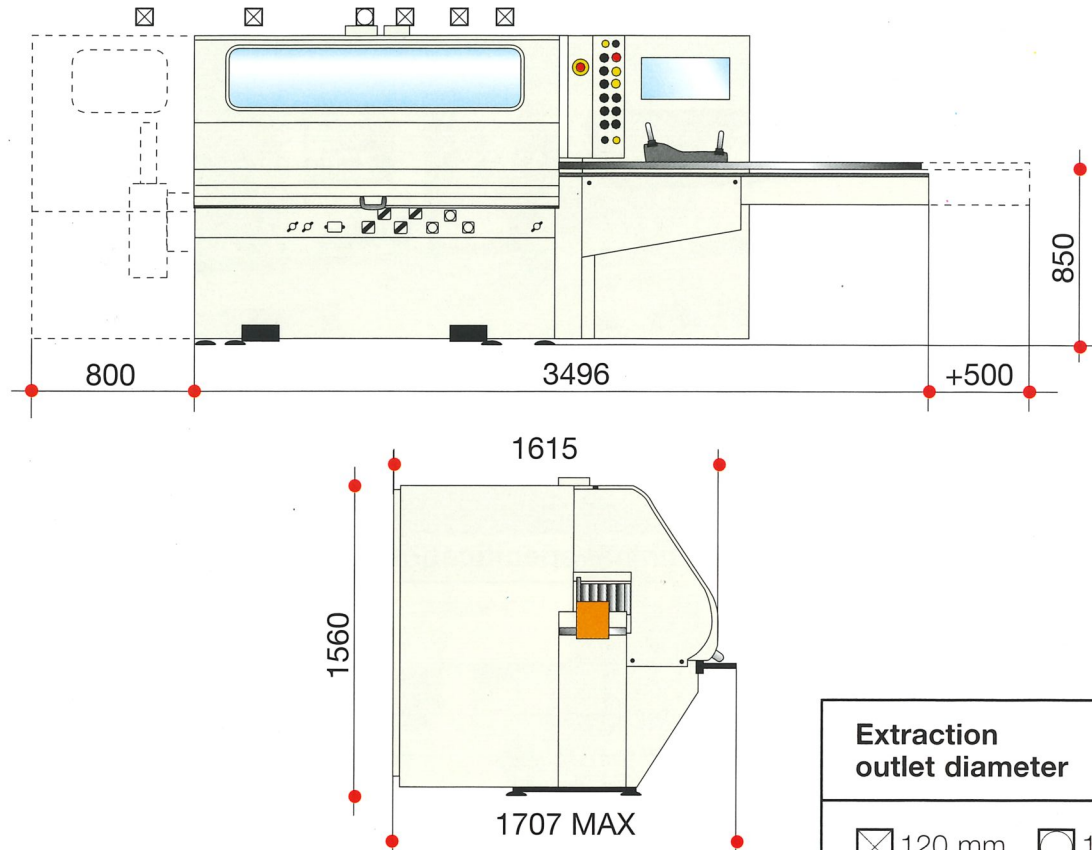
Left vertical spindle with automatic adjustment for machining parts of different widths in sequence.



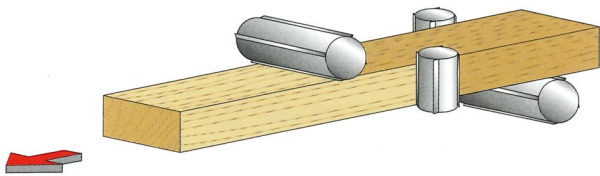
Grooved worktable for machining short or badly trimmed parts.



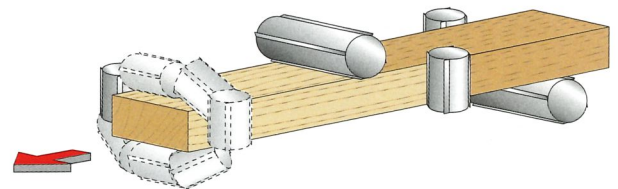
Dimensions



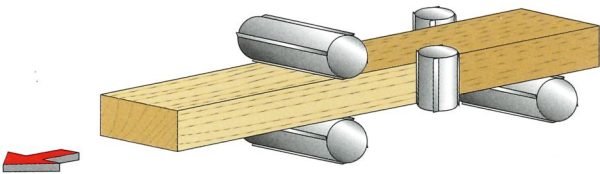
Compositions



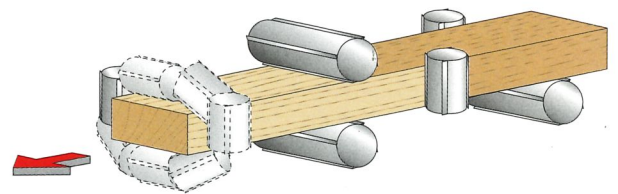
Composition 1



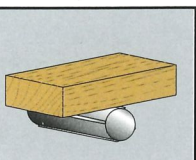
Composition 2



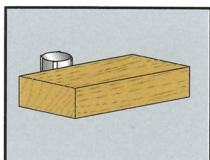
Composition 5



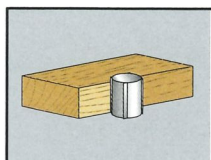
Composition 6



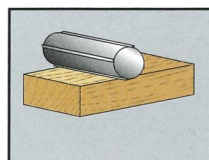
BOTTOM
HORIZONTAL
SPINDLE



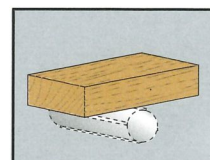
RIGHT
VERTICAL
SPINDLE



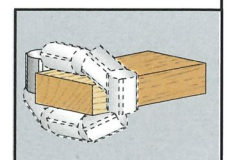
LEFT
VERTICAL
SPINDLE



TOP
HORIZONTAL
SPINDLE



FITTINGS
FOR BOTTOM
HORIZONTAL
SPINDLE



UNIVERSAL
SPINDLE

Superset XL



Technical specifications

| | |
|--|------------------------|
| Minimum working width (finished section) | 25 mm (15 mm optional) |
| Maximum working width (finished section) | 230 mm |
| Minimum working thickness (finished section) | 6 mm |
| Maximum working thickness (finished section) | 120 mm |
| Minimum workpiece length (singled piece) | 620 mm (450 mm opt.) |
| Feed speed | 5÷25 m/min |
| Motor power | 5.5 HP (4 KW) |
| Spindle speed | 6000 rpm |
| Tool spindle diameter | 40 mm |
| Axial adjustment of vertical spindles from worktable | 80 mm |
| Axial adjustment of horizontal spindles from right guide | 45 mm |
| Min./Max. diameter of planer tool | 120/140 mm |
| Min./Max. diameter of moulder tool | 100/200 mm |
| Chuck holder cylinder diameter | 120 mm |

In this catalogue, machines are shown with options. The firm reserves the right to modify technical specifications without prior notice, provided that such modifications do not affect safety as per E.C. certification.

Main optionals

- Motor power up to 25 HP (18.5 kW)
 - Spindle speed 8300 rpm
 - Precision spindles
- Grooved and/or chromed worktable
 - Electronic controller
- Automatic left vertical spindle

Noise/Dust

| Model | Sound emission according to ISO 7960-95/H | | | | Sawdust emission according to DIN 33893-2 | |
|--------------------|---|-----------------|-------------------|-----------------|---|-------------------------|
| | Operator position LAeq [dB (A)] | | | | [mg/m ³] | |
| | Workpiece Infeed | | Workpiece Outfeed | | 1 st Station | 2 nd Station |
| | Machine Idle | Machine Working | Machine Idle | Machine Working | 3 rd Station | 4 th Station |
| Superset XL | 76,5 | 90,5 | 68,6 | 84 | 0,20 | 0,37 |

SCM has been producing woodworking machinery for 50 years and represents the nucleus of SCM Group.

With a total of 2000 employees,

12 factories and an export of 70%, this Group is one of the world's top producers of woodworking equipment.

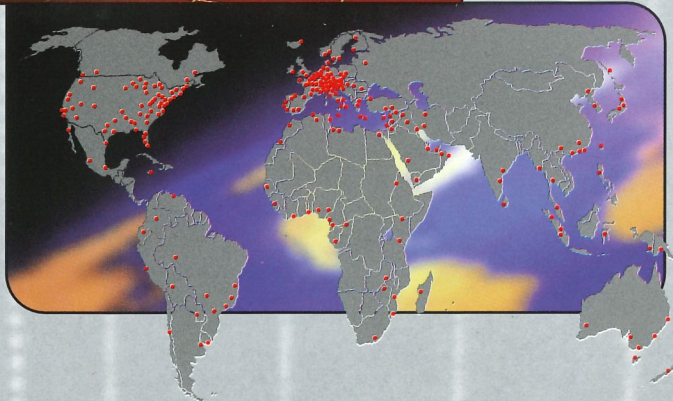
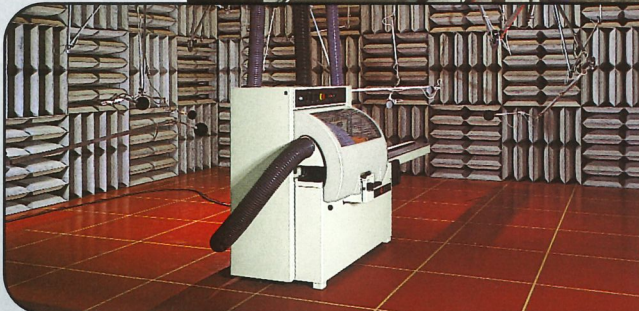
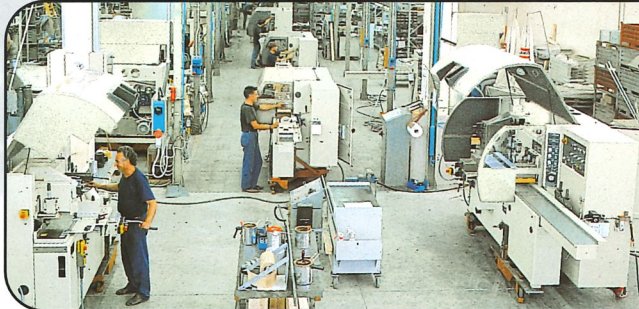
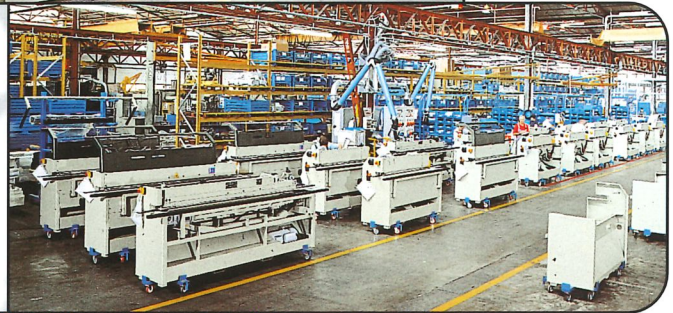
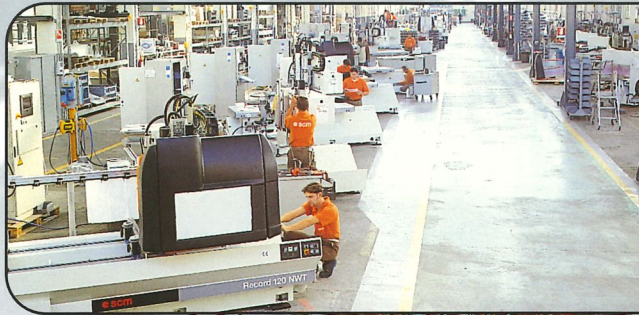
SCM produces the widest range of machines for secondary wood machining, from machines for small woodworking companies to CNC work centres, to high production integrated lines for the machining of solid wood.

SCM is certified according ISO 9001 Standards. Specialized technicians all over the world are able to supply an efficient and rapid after-sale service to SCM

customers because full use is made of a system of remote computerised diagnostics. SCM can also utilize the internal structures of SCM Group such as CSR-Study and Research Consortium and **CSR Training Centre**. CSR-Study and Research Consortium uses advanced experimental systems.

This ensures that all machines satisfy the strictest international standards in terms of safety, ergonomics and environmental hygiene.

CSR-Training Centre, a highly regarded training school prepares qualified operators from all over the world for woodworking machinery.



SCM
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