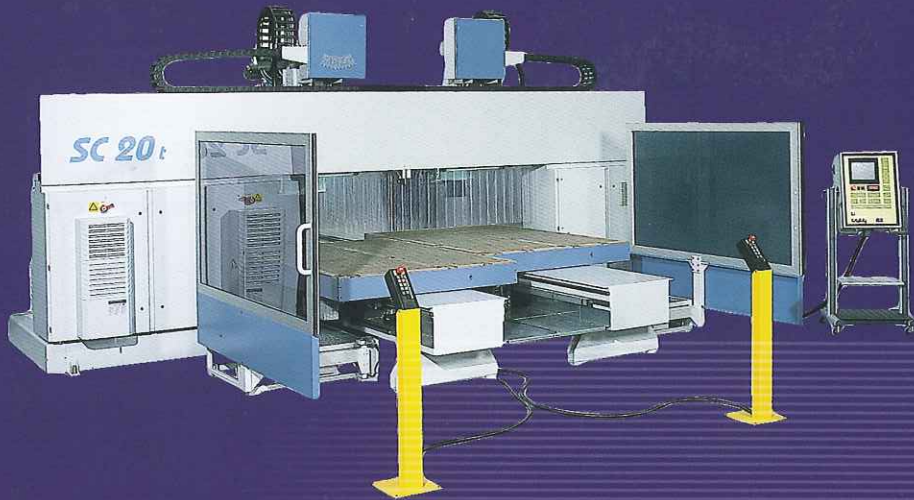




CNC Special Machines

The machining centres of the **SC 20** series in monoblock design are to be used for the most various applications in the woodworking industry. These universal machines serve for the production of wood articles and subcontracted parts in the vehicle and furniture industry as well as for the processing of two-dimensional products made of wood and wood-based materials.



SC 20 CNC Routing and Drilling Centre

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SC 20 CNC Routing and Drilling Centre

for the machining of wood and wood-based materials

With its stationary portal only the machining group and the table have to be accelerated. Thus preconditions are ideal for rapid movements. The resulting dynamics guarantee best routing results on long-fibre hardwood and modern wood-based materials.

Dynamic movements, best edging results, elimination of any loading times (with the tandem version) and extensive safety installations are the advantages speaking for the **SC 20 stationary portal machines.**



CNC Special Machines

Details: SC series to be supplied alternatively as single-table version

SC 20 s or as tandem-table version **SC 20 t**

Envelope workpiece dimensions:

X-axis	SC 20 s	1 x 1,500 mm
	SC 20 t	2 x 1,500 mm in tandem operation
	resp.	1 x 3,000 mm with electrically coupled tables
Y-axis		1,500 mm

Routing unit:

Integrated Z-axis with 400 mm stroke for an envelope workpiece height of 190 mm, drum-type tool changer with 8 places.

- Technical data:**
- MAKA universal spindle ISO 40 as standard spindle, nominal rated output 8 kW available from 7,000 rpm, infinitely variable speed regulation from 1,000 to 17,000 rpm.
 - CNC-controller make BWO 900 C with PC integrated in mobile post, or alternatively
 - CNC-controller make SIEMENS 840-D with PC integrated in mobile post

- Options:**
- Alternative Y envelope range of 2,250 mm resp. 3,000 mm, Z-axis with 700 mm stroke for envelope workpiece height 420 mm or special dimensions
 - Increased spindle capacity of 12.5 or 20 kW
 - Spindle model HSK 63-F
 - Chain-type tool changer with 12 / 16 / 24 / 32 places
 - Rotating vector axis 360° for angular / sensoring heads
 - Multiple-spindle drilling unit, if requested with integrated groove saw and rotating by 90°
 - Special working units
 - Chip conveyor
 - Clamping elements for stairs, windows and doors
 - Additional pick-up places
 - Special table solutions
 - Sound-absorbing measures