



Schröder Group

The Schröder Group consists of Hans Schröder Maschinenbau GmbH, which is located in Wessobrunn, Germany, SCHRÖDER-FASTI Technologie GmbH, located in Wermelskirchen, Germany and the SMU GmbH, located in Leinburg-Weißenbrunn.

Founded in 1949, Hans Schröder Maschinenbau GmbH unifies traditional and modern approaches in machine building: Successfully managed as a quality and customer-oriented, family-owned company, Hans Schröder Maschinenbau is specialized in the development of modern machine concepts for bending and cutting sheet metal.

The successful integration of the Fasti Company in 2006 and its worldwide presence make the Schröder Group one of today's leading providers of machines for bending, cutting, beading, flanging, and circular bending all types of sheet metal. The company's precision machines range from proven solutions for craftsmen to innovative, high-performance machines for automatic industrial production processes. 2021 the Schröder Group was expanded by the tool manufacturer SMU GmbH. Overall, the Schröder Group currently employs more than 300 people at various locations at home and abroad.



HYDRAULIC FOLDING MACHINE

225

All information provided as a guide only
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The hydraulic folding machine 225

The machine type 225 is a folding machine for customers with high demands on technology. Being convincing by maximum accuracy, flexibility and high speed, this machine ensures a secure and reliable working.



225 with control CFP 120

	225	20/6
Working length (mm)		2,040
Sheet thickness (400 N/mm ²) (mm)		6.0
Clamping beam stroke (mm)		350
Adjustment of bottom - and folding beam (mm)		80
Motor drive		8.6 kW
Weight basic machine (ca.)		5,100 kg

A fast machine with high long-life accuracy

The conception for the next millennium. A fast machine with high long-life accuracy and good working economy. Compact rigid engineering with low height. Special features are:

Clamping beam

- Generously dimensioned, maintenance-free guides
- Short set-up times by hydraulic tool clamping WZS 2000
- Free space for pre-bent sheets

Folding beam

- Motorized adjustment via control for exact radius bending
- Bi-lateral hydraulic drive
- Manual crowning device
- Quick clamping system for tools

Bottom beam

- Motorized adjustment for sheet thickness or radius tools, tool clamping WZS 3000

Back gauge

- Motorized back gauge MAH 25, working range 10 - 1600 mm, running speed 330 mm/sec
- Motorized adjustment via ball screws
- Steel balls for sheet support table

Standard equipment	
Software control	- Software control CFP 120 with 12" touchscreen on swivelling arm
Clamping beam	- Tool clamping WZS 2000 with hydraulic clamping - Clamping beam stroke 350 mm
Bottom beam	- Tool clamping WZS 3000 with mechanic clamping - Motorized bottom beam adjustment 60 mm
Folding beam	- Tool clamping WZS 3000 with mechanic clamping - Motorized folding beam adjustment 60 mm - Crowning device, manual
Back gauge	- Back gauge, motorized MAH 25R, working range 10 - 1600 mm
Others	- Standard machine without tools

Special equipment	
Clamping beam tools WZS 2000	- Sharp nose blade, 20°/30°, R 1/1,5/3, divided - Goat's foot segment 120 mm, 170 mm or 250 mm height, 20°/30°, R 1/1,5/3, clearance 45 mm, foot width 85 mm - Tools, ca. 1100 N/mm ² , surface-hardened (phosphated), hydraulic clamping
Bottom beam tools WZS 3000	- Bottom beam blade without finger grooves, H = 40 mm, b = 88 mm, ca. 1100 N/mm ² (Note! Minimum gauge dimension 95 mm) - Bottom beam blade with finger grooves, ca. 1100 N/mm ² (Note! Minimum gauge dimension 10 mm)
Folding beam tools WZS 3000	- Folding blade divided, H = 119 mm, b = 42 mm - Folding blade segmented, H = 119 mm, b = 30 mm and b = 42 mm - Folding blade segmented, cranked, H = 119/65 mm, b = 10 mm - Biegeschiene segmented, 30° - Tools, ca. 1100 N/mm ²
Back gauge	- R-shape: 10 - 1600 mm or L-shape: 10 - 1600/2400 mm - Angle gauge right or left, adjustable
Others	- Equipment for 2-man operation - Foot switch on linear guide - Increase of clamping beam stroke to 500 mm - Crowning device, motorized - Tool cart for WZS 2000/3000

Back gauge system

The motorized gauge MAH 25 leaves nothing to be desired. The table surface is equipped with steel balls for an easy movement of the work piece.

Thanks to the modular design the motorized back gauge MAH 25 R can also be extended subsequently to an L-shape or U-shape gauge.

CFP-control

- 12" LCD-Touchscreen
- Profile library
- Graphical visualisation of the product
- Cutting length calculation
- Radius function, pressing function
- Working memory 64 MB
- 10 folders for program management
- Per program max. 20 bending cycles
- 99 cycle repeats
- Storage for 10 clamping beam tools and 6 folding beam tools
- Tool positions, set-up instruction
- Programming of 30 material data with correction data
- Variant program