

**SCHRÖDER**  
GROUP



HYDRAULIC FOLDING MACHINE  
**225**

# 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

### 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

## Optional equipment

225	
Blades ca. 1000 N/mm <sup>2</sup> tensile strength, planed from the solid	Clamping beam: sharp nose blade 45° WZS 2000
	Folding beam: flat blade 30 mm WZS 3000
	Bottom beam: steel blade WZS 3000
Segmented tools for clamping-, bottom- and folding beam, special tool geometries	
Motorized back gauges and controls in different executions	
Motorized crowning system	

## Technical data

225	20/6	25/5	32/4	32/6	40/3
Working length (mm)	2,040	2,540	3,240	3,240	4,040
Sheet thickness (400 N/mm <sup>2</sup> ) (mm)	6.0	5.0	4.0	6.0	3.0
Clamping beam stroke (mm)			350		
Adjustment of clamping and lower beam (mm)			80		
Weight basic machine (ca.)	5,100 kg	5,400 kg	6,150 kg	7,000 kg	7,900 kg

### 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 programme management
- per programme 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



# Schröder Group

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

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. Overall, the Schröder Group currently employs more than 240 people at various locations at home and abroad.

All information provided as a guide only  
and subject to change at all times.  
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