



SWIVEL FOLDING MACHINE **PowerBend Professional**

- Tailor-made performance: modular drive system and fast axes
- Optimal rigidity: new developed machine body (FEM) and precise gauge system
- Flexible in use: POS 2000 graphic control, standard 350 mm clamping beam stroke
- Options: Up-and-Down-function and rotating clamping beam

Swivel folding machine

PowerBend Professional

The PowerBend Professional swivel folding machine is the professional solution to your thin metal applications. This robust yet precise folder is ideal for continuous operation in shops throughout the metal forming industry.

The design of the extreme rigid machine body of the new PowerBend platform is based on decades of experience in industrial swivel bending. It was engineered with state of the art tools, using the finite elements method and computer simulations.

Boasting superior drive technology and segmented tools on all beams, the PowerBend Professional can handle the most difficult folding requirements and materials. The advanced electronic control can be quickly programmed with no computer skills required.

PowerBend Professional Model:	2,000 × 4.0	2,500 × 4.0	3,200 × 3.0	4,000 × 2.5
Working length	2,040 mm	2,540 mm	3,240 mm	4,040 mm
Sheet thickness 400 N/mm ²	4.0 mm	4.0 mm	3.0 mm	2.5 mm
Machine length	3,814 mm	4,314 mm	5,014 mm	5,814 mm
Machine width	2,563 mm			
Machine height	1,610 mm			
Clamping beam				
Geometry	48° (180°)	48° (180°)	48° (180°)	48° (180°)
Stroke	350 mm	350 mm	350 mm	350 mm
Drive power	3 kW/5.5 kW/2 × 2.2 kW	3 kW/5.5 kW/2 × 2.2 kW	3 kW/5.5 kW/2 × 2.2 kW	3 kW/5.5 kW/2 × 2.2 kW
Speed	20 (46/65) mm/s	20 (46/65) mm/s	20 (46/65) mm/s	20 (46/65) mm/s
Folding beam				
Drive power	2 × 2.2 kW	2 × 2.2 kW	2 × 2.2 kW	2 × 2.2 kW
Speed	85°/sec	85°/sec	85°/sec	90°/sec
Folding beam adjustment	80 (160) mm	80 (160) mm	80 (160) mm	80 (160) mm
Folding center adjustment	± 20 mm	± 20 mm	± 20 mm	± 20 mm

All specifications are considered as guidelines and may be subject to changes at any time.

Standard equipment

- POS 2000 Professional control mounted on a swivel arm
- Dual folding beam drive (2 × 2.2 kW)
- Middle motor clamping beam drive 3.0 kW
- Hydraulic tool clamping on clamping beam
- Pneumatic tool clamping on folding beam
- Clamping beam stroke 350 mm
- Motorized folding beam adjustment 80 mm
- Motorized folding center adjustment ± 20 mm
- Sheet support table with gauge system 10–1,600 mm

Options

- Up-and-Down folding beam
- Rotating clamping beam
- Several drive-, tool- and gauge options



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