

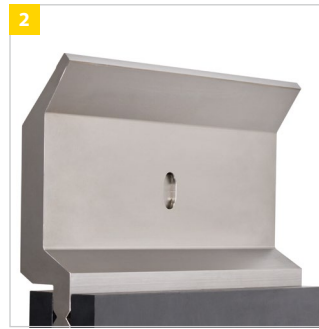


Bending Cell

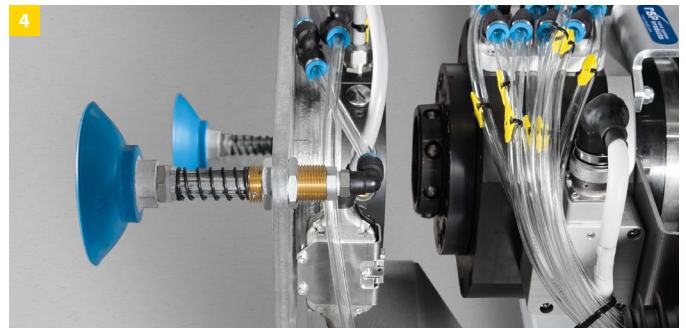
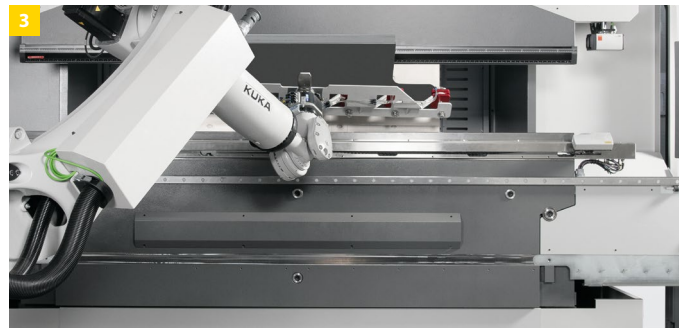
Bending center for fully automatic sheet metal processing

Customer benefits

- High degree of bending automation due to fully automated tool and gripper change. Ideal for the processing of job lists and for varying jobs, from small batch sizes right through to large series
- Save time and process bending parts unmanned with high precision. 7-axis robot with a high load capacity offers maximum flexibility and precision during the bending process. Even when bending heavy parts, this enables jobs to be processed fully automatically and without errors
- Flexibility through modular structure. The bending cell can be configured according to the customer's requirements. Press brakes with a bending length of 3 and 4 meter, robot payload of up to 300 kg, various materials' stocking locations and a big tool magazine
- Comprehensive automation concept from a single source. Bystronic provides the press brake, the automation system, customer service, and comprehensive guidance
- Convenient offline programming of bending jobs. Subsequently, the machine control allows the data to be imported in a simple process without interrupting the current bending job



- 1 Tool capacity 37 m, optionally expandable
- 2 Rotation of the tools
- 3 Linear axis 7 m, 10 m, or 13 m
- 4 Gripper stations 5, 7 or 10



Bending Cell

Tonnage pressbrake	100 t, 150 t, 200 t, 250 t, 320 t
Bending length	4,300 mm
Open height	840 mm
Standard stroke	450 mm
Max. part size	3,000 × 1,500 mm
Max. part weight (approx.)	165 kg
Max. Robot Payload	300 kg
Min. sheet thickness approx.	0.5 mm
Air supply	6–8 bar
Max. sheet metal stack height approx.	1,500 mm
Max. stack height, sheet table	2,000 mm
Max. tool capacity tool magazine	37 m
Number gripper stations	5, 7, 10



Bending Cell Technical Data





	Bending Cell
Length	8,300 mm
Width	12,000 mm
Max. part size *	3,000 × 1,500 mm
Payload robot	120 kg, 210 kg, 300 kg
Length linear rail	7 m, 10 m, 13 m
Min. sheet thickness approx.	0.5 mm
Max. sheet thickness	10 mm
Max. sheet metal stack height approx.	1,500 mm
Max. stack height, sheet table	2,000 mm
Air supply	6–8 bar
Tonnage pressbrake	100 t, 150 t, 200 t, 250 t, 320 t
Bending length **	4,300 mm
Standard stroke	450 mm
Open height	840 mm
Max. tool capacity tool magazine ***	37 m

* Larger applications upon request

** Maximum bending length

*** Optionally expandable

The right to make changes to dimensions, construction, and equipment is reserved. ISO-9001-certified.

The technical data can vary in the different countries, according to local security rules and configuration of the machine.