



Suitable for tube max. OD 20 x 1.5 mm, multiple bends with common radius

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RB20-E CNC controlled bending machine



4-jaw collet

Technical details:

Machine available Right or Left bending

Maximum repeatability through servo drive technology

CNC control with SPS, interface via touch screen, program Windows® based

Program modes available: Automatic, Manual, Single-Step, Program, Diagnostics

Offline programming possible with remote software

Servo drives are low maintenance, quiet and power saving.

Servo drive controllers allow reproducible and consistent execution of pre-programmed speeds, ensuring maximum control over part specific material properties.

Extensive diagnostics integrated in machine control

Easy transportation due to compact design w/o any hydraulics.

Compact design, small foot print

Self retracting follower

Mandrel bending with servo driven synchro retract (available with tube ID lubrication). Special tooling typically allows for bending without mandrel.

Change-over time typically less than 5 minutes

10-15% cycle time reduction through controllers "Start only" multiplex feature

CMM interface with automatic bend parameter correction

Bend direction user changeable Right or Left

Sample

Technical standard specifications:

Axial tube feed:	1000 mm
Radii available:	1
Bend direction:	Right or Left
Max. Bend capacity:	Ø20 x 1.5 mm /low carbon steel
Bend angle:	max. 210°
Axis speeds:	Feed: max. 2000 mm/sec (Values only for with Lenze drives with feed belt)
Bend Radius:	57 mm center line
Repeatability:	Bending/ Rotation ±0.05° Feed ± 0.05 mm
Power supply:	400V/50Hz3-ph, 16A resp. 32 A fuse
Pneumatic supply:	6-8 bar, approx 100l/min
Dimensions (LxWxH):	approx. 1800 x 1350 x 2000 mm
Weight:	approx. 675 kg

Available options:

- Collision simulation software
- Remote programming software
- CMM interface
- Remote diagnostics software interface