

RB20-1

CNC controlled compact bending machine



Suitable for tube max. OD 20 x 1.5mm, single bend



Bend head



Machine control



Sample

Technical details:

- Servo drive technology assures maximum accuracy
- Clear text display with machine specific keyboard
- Program modes available: Automatic, Manual, Single-Step, Program, Diagnostics
- Cycle time optimization through free programmable machine parameters
- Servo drives are low maintenance, quiet and power saving.
- Easy transportation due to compact design w/o any hydraulics.
- Compact design, small foot print
- 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
- Self retracting follower
- Special tooling typically allows for bending without mandrel
- Change-over time typically less than 5 minutes
- All slides are equipped with linear ball bearings
- Bend direction user changeable Right or Left

Technical standard specifications:

- Radii available: 1
- Bend direction: Right
- Max. Bend capacity: Ø20 x 1.5 mm /low carbon steel
- Bend angle: max. 210°
- Bend speed: max. 450°/ sec
(with Lenze drives)
- Bend Radius: 57 mm center line
- Repeatability: Bending/ Rotation ±0.05°
Feed ± 0.05 mm
- Power supply: 400V /50 Hz3-ph, 16A resp. 32 A fuse
- Pneumatic supply: 6-8 bar, approx 100l/min
- Dimensions (LxWxH): approx. 900 x 700 x 1500 mm
- Weight: approx. 375 kg

Available options: Available safety features:

- Custom tooling
- Mandrel with servo driven synchro retract
- Loading devices
- Automation interface
- Customer specific solutions
- Collision safety trip plates

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