Unternehmensgruppe
Rosenberger
Rohrbearbeitungsmaschinen
...wir biegen's hin

RB20-M CNC controlled bending machine

Suitable for tube max. OD 20 x 1.5 mm, multiple bends, lengths, and rotations on three different layers for different bend radii

Control pendant

Clamp with advance slide

Sample

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

Technical standard specifications:

Axial tube feed:	1000 mm , expansion optional
Radii available:	3
Bend direction:	left or right
Max. Bend capacity:	Ø20 x 1.5 mm /low carbon steel
Bend angle:	max. 210º
Axis speeds: (Values only for Lenze drives with feed belt)	Feed: max. 2000 mm/sec Bend: max. 450º/ sec Rotation: max. 800º/ sec
Bend Radius:	57 mm center line
Repeatability:	Bending/ Rotation ±0.05º Feed ± 0.05 mm
Electrical connection	3 x 400 V/50 Hz, 32A fuse
Power supply:	7-12 KVA
Pneumatic supply:	6-10 bar, approx 150l/min
Dimensions (LxWxH):	approx. 2400 x 900 x 1800 mm
Weight:	approx. 875 kg

Available options:

Collision simulation software
Remote programming software
CMM interface
Remote diagnostics software interface
Central lubrication
Mandrel bending
Protective sliding cover

Rosenberger Aktiengesellschaft
Am Häuslerain 16, D-79263 Simonswald
Telefon: +49(0)7683-91900-0, Telefax: +49(0)7683-91900-29
E-mail: Info@RosenbergerAG.com www.RosenbergerAG.com