

## Bevelling Machine – UZ 20

### Technical Specification:

- Powerful, stationary bevelling and deburring machine for the efficient bevelling of flat steel, plates and profile material.
- For all carbon steels, cast iron, aluminium and light metal alloys, non-ferrous metals and all cuttable materials.
- The feed permits bevel machining without tight clamping of the workpiece.
- The swiveling milling spindle permits a milling angle within a continuous range of 30– 60°.
- The UZ 20 permits a maximum bevel width of 18 mm at a bevel angle of 45°.
- The feed can be infinitely adjusted.
- Optional: Additional guide bench for machining round, square and rectangular tubes.
- For robust continuous use.
- Excellent surface. Clean bevel.
- Excellent price/performance ratio

### Technical Data:

Working range	
Max. bevel width (B)	25 mm at a bevel angle of 30° 18 mm at a bevel angle of 45° 15 mm at a bevel angle of 60°
bevel angle: (to the horizontal)	30°- 60° infinitely variable
Max. workpiece length: (without supply table)	1000 - 1500 mm
with supply and output table)	1500 - 3000 mm, depending on weight
workpiece width:	400 - 600 mm
Workpiece thickness:	3 - 40 mm
Round pipes:	min. 30 mm, max. 220 mm
Square/rectangular tubes:	min. 30 mm, max. 210 mm
Angle steel:	from 50 x 50 mm
Nn-ferrous metals:	3 - 60 mm (maximum bevel width 22 mm)
Insert holder/motor power:	3 KW
Voltage:	380 V, 50 Hz (60 Hz) 3 bevels
Speed:	2890 rpm
Feed motor (Siemens):	
Capacity :	0,25 KW / 860 rpm
Automatic feed:	for flat steel only, min. workpiece width 50mm
Feed wheel, rubberised:	235 mm Ø x 40 mm wide
Gearbox speed, adjustable:	1 - 4,5 rpm ( 737 - 3316 mm/min.) corresponds to feed of approx. 0.7 to 3,3 meters)
Control panel:	swivelling
Insert holder:	100 mm
7 indexable inserts eight-sided, interchangeable	
Dimensions:	
Table working height:	900 mm
Support table:	740 x 380 mm
Supply and output table:	1000 x 400 mm
width x depth	940 mm x 1,150 mm
Height, with control panel	1,570 mm
Total width with supply and output table	3000 mm
Machine weight	360 kg
Supply/output table weight	á 35 kg
Guidance table with crossfeed stop for:	round, square and rectangular tubes, 14 kg
Sound level, idle	70 dB (A)
At average load	90 dB (A)



Contact for Local support and Inquiry