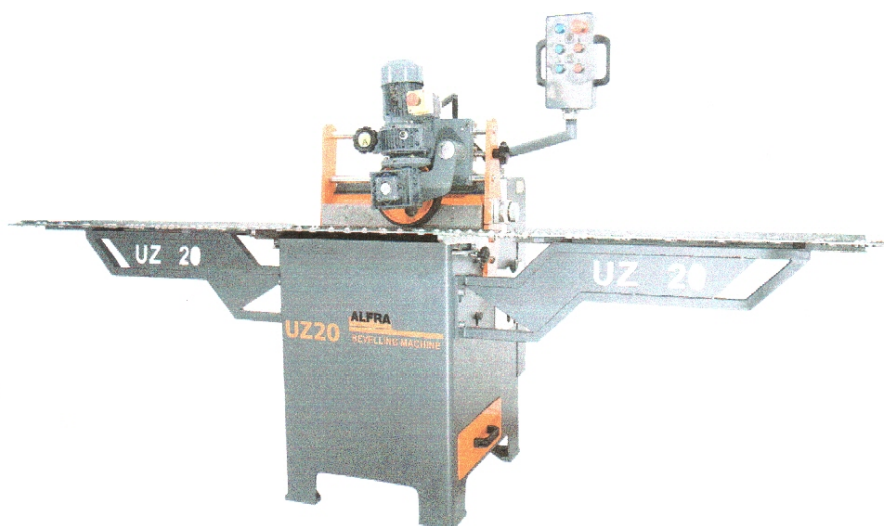




# Operating Instructions

**ALFRA Edge milling cutter type UZ 20 with automatic feeder**

**Art. No. 25910**



Both extension tables are optional



8<sup>th</sup> December 2008 – 4<sup>th</sup> Publication

## **Warranty**

We provide 12 months guarantee for proper use and all items and guidelines in the Operating Instructions are observed. Exemption is given to wear parts such as turnover plates.

### **CE-Conformity Declaration Ref. No. 89/392/EEC End. IIA**

**ALFRED Raith GmbH, as dealer, declares under personal liability  
that the adjustable angle chamfering machine**

**Article Number: 25900  
Model: UZ 20  
Serial Number:  
Year of manufacture:**

**complies with all essential requirements  
of the DIRECTIVES/ REGULATIONS:**

**CSN EN 732601 CSN EN  
331500 CSN EN 332000-6-  
61557 CSN EN 332000-4-41  
DIN 18800-7**

**The sound pressure level in workshop can exceed 85db (A). In this  
case, the user must wear ear protection.**

**These must be considered according to Directive 89/392/EEC and  
subsequent changes.**

**Alfred Raith GmbH  
2. Industriestrasse 10  
D-68766 Hockenheim**

**Phone: 0049 (0) 6205 30 51 0  
Fax: 0049 (0) 6205 30 51 135  
E-Mail: [export@alfra.de](mailto:export@alfra.de)  
Internet: [www.alfra.de](http://www.alfra.de)**

## Technical data

### Working area

Max. chamfer width (B)	28 mm for 30° chamfer angle 19 mm for 45° chamfer angle 17 mm for 60° chamfer angle 30° - 60° in steps of 5°
Chamfer angle (with reference to the horizontal)	
Max. work piece length: (without feeder table) (with feeder and delivery table)	1000 - 1500 mm 1,500 - 3,000 mm Depending on weight
Work piece width	400 - 600 mm
Work piece thickness (ST-material)	3 - 40 mm
Round tubes	min. 30 mm, max. 220 mm
Square/rectangular tubes	min. 20 mm, max. 210 mm
Angle iron	From 50 x 50 mm onwards
Non-ferrous metals	3 - 60 mm (maximum chamfer width 22 mm)
Power output milling head/motor	3 KW
Voltage	380 V, 50 HZ (60 Hz) 3 phases
Rotation speed	2890 min <sup>-1</sup>

### Feed motor (Siemens):

Power output	0.25 KW / 860 1min <sup>-1</sup>
Automatic feed	Only for flat steel, min. 50 mm work piece width
Feed wheel, rubber-coated	235 mm Ø x 40 mm wide
Gearbox speed, can be regulated	1 - 4 1/2 min. <sup>-1</sup> = 929 mm - 5445 mm/min
Control console	Can be swivelled

### Milling head:

Diameter	100 mm
7 Turnover plates, exchangeable	Octagonal

### Dimensions

Working height of table	900 mm
Feed table	740 x 380 mm
Feeder and delivery table	1000 x 400 mm
Width	940 mm
Depth	1,150 mm
Height, with control console	1,570 mm
Overall width with feeder and delivery table	3,000 mm
Weight of machine	360 kg
Weight feeder/delivery table	35 kg
Guide table with transverse dead stop for round, square and rectangular tubes for face-side machining	14 kg
Noise level, idling	70 dB (A)
under middle-range load	90 dB (A)