

TUBE END MILLING UNIT

Made in Germany

- High cutting capacity
- Quick and secure clamping
- Rugged and compact type of construction
- Easy handling



Field of application

The unit serves to machine and prepare welding edges on tubes, branches and headers. On steambloc boilers it is used for machining tube walls and cutting out welds. Having a low weight the unit is of very rugged design. Operated by one man only, it is well suited for use in the workshop and on site. Due to its extremely compact type of construction it can be readily used in confined space. Its high working speed and quick readiness allow economical manufacturing.

TECHNICAL DATA

Working range:

Tube outside diameter:	
Blade holder size 1	max. 322 mm
Blade holder size 2	max. 460 mm
Tube wall thickness:	max. 30 mm
Spindle stroke:	30 mm
Form of weld:	I, V or special form
Feed:	manual

Pneumatic geared motor:

Operating pressure: 6 - 7 bar

MF5i (2 pneumatic geared motors):

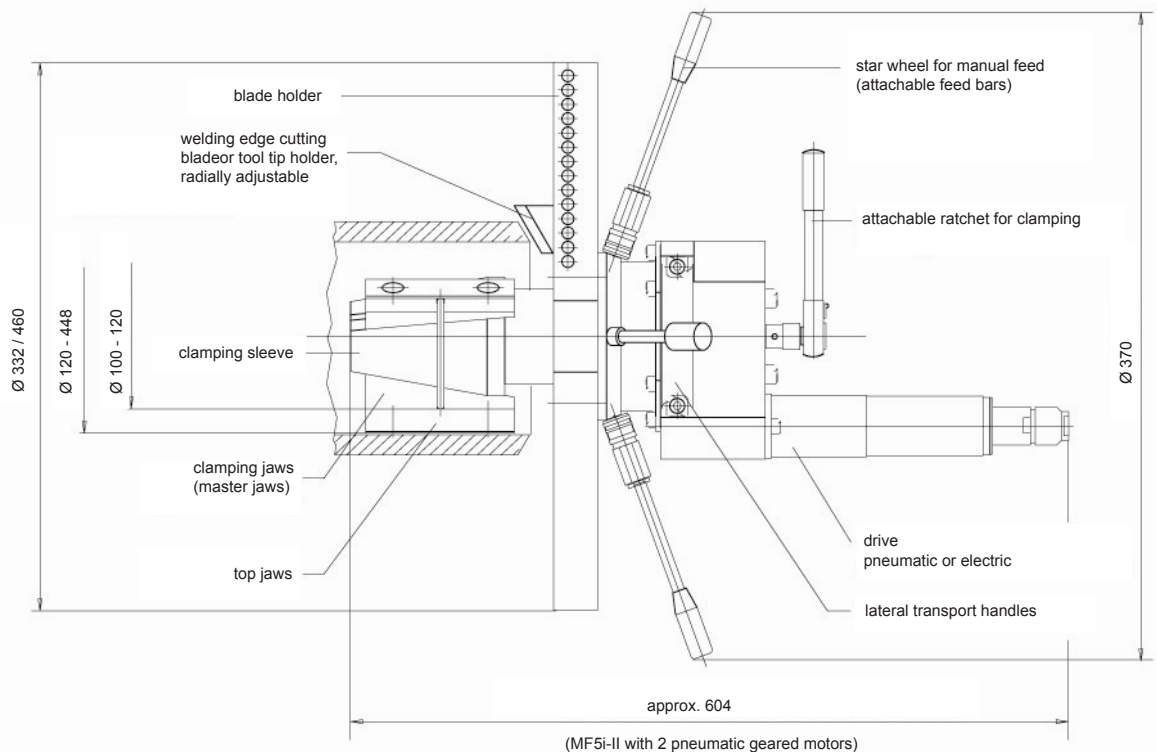
Power:	1480 W at 6 bar
Air consumption:	1,92 m ³ /min
Compressed air connection:	R 3/8"
Weight:	approx. 23,8

MF5i-I-EL (1 electric geared motor 2,2 kW)

Power consumption/Connection voltage:
abt. 1200W with 230 V

Weight: approx. 27,5 kg

MF5i STANDARDVERSION



BLADE & TOOL TIP HOLDER

with adjustable cutting tools for tube end milling unit type **MF5i**



091501105
HSS
cutting tool tip 0°



091501106
HSS
cutting tool tip 0° (TIN)



091501415
HSS
cutting tool tip 30°



091501108
HSS
cutting tool tip 30° (TIN)



091500665
cutting tool tip holder 10°
(internal)



091501413
cutting tool tip holder 0°
(short)



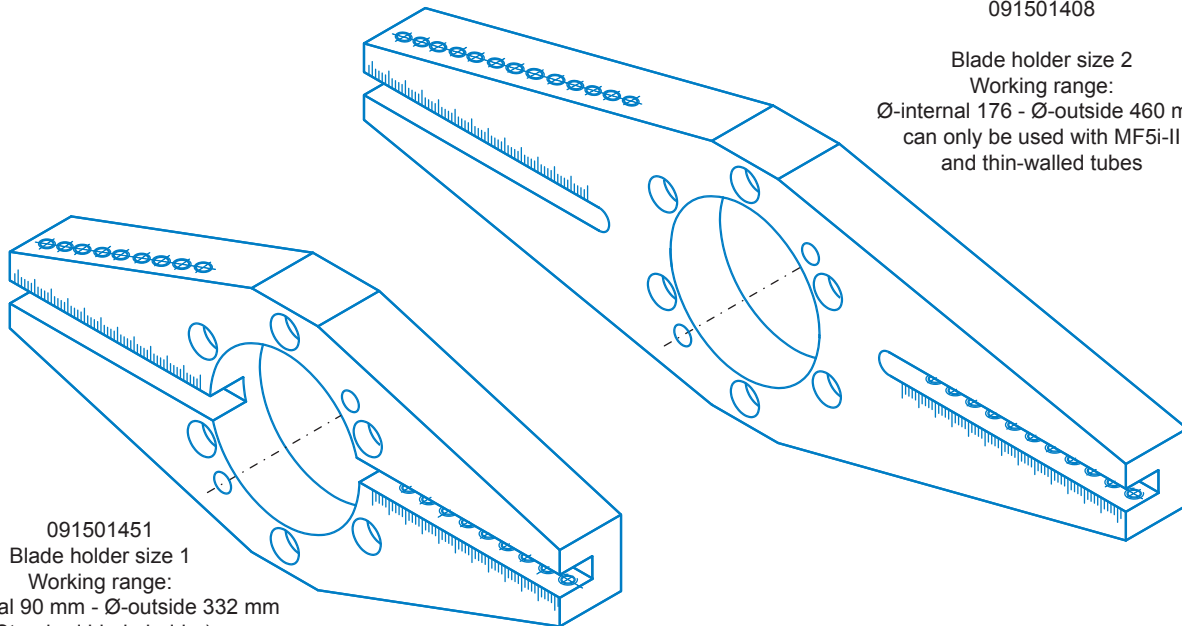
091502125
cutting tool tip holder 0°
(long)



091501414
cutting tool tip holder 30°

091501408

Blade holder size 2
Working range:
Ø-internal 176 - Ø-outside 460 mm
can only be used with MF5i-II
and thin-walled tubes



091501451
Blade holder size 1
Working range:
Ø-internal 90 mm - Ø-outside 332 mm
(Standard blade holder)



091502185
10° internal



091502186
8° internal



091502126
0° - HSS blade
(long)



091501410
0° - HSS blade
(short)



091502191
30° - HSS blade



091502134
DIN 2559-4



091502133
DIN 2559-3



091502128
DBS 34-R3



091502127
DBS 34-R5

Various special blades on request!