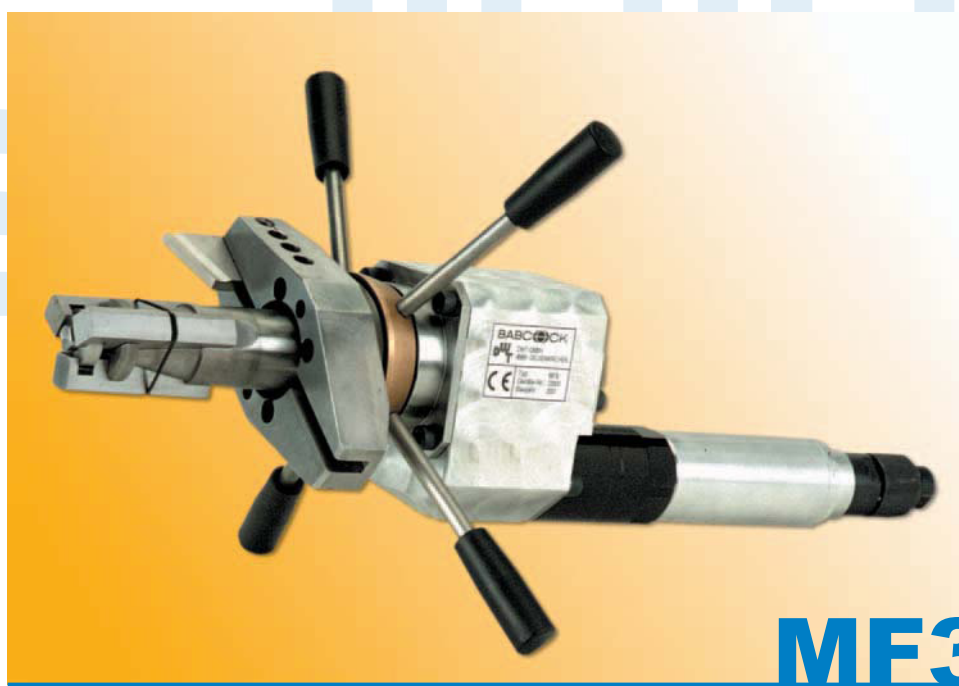


TUBE END MILLING UNIT

Made in Germany

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



MF3i

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:	min. 27 mm max. 160 mm
Tube wall thickness:	max. 25 mm
Form of weld:	I, V or special form
Spindle stroke:	15 mm

Clamping range:

Inside tube diameter:	min. 25 mm max. 152 mm
Feed:	manual

Weight:

with pneumatic drive:	approx. 10,3 kg
with electric drive:	approx. 11,3 kg

Pneumatic geared motor:

Power:	740 W at 6 bar 400 W at 4 bar
Operating pressure:	6 - 7 bar
Air consumption:	0,96 m ³ /min
Compressed air connection:	R 1/4"

Electric geared motor:

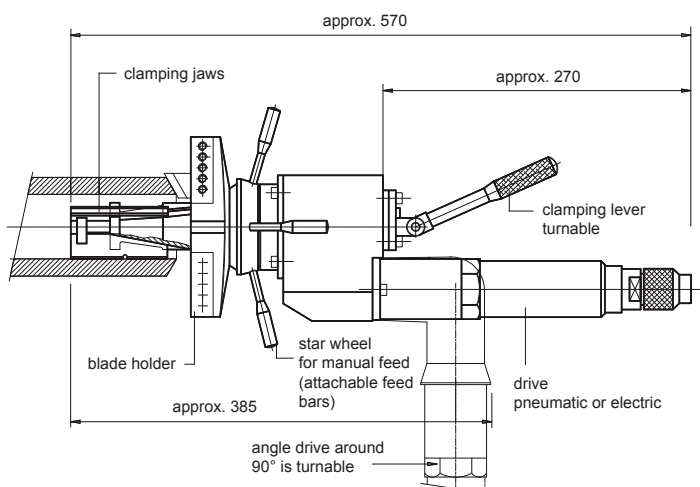
Power consumption/Connection voltage:
abt. 1200W with 230 V

~ (singlephase-alternating current)
Protective class
II – all-insulated

The standard version comes with levers for clamping and feeding. An extra version with a ratchet for clamping and feeding is also available.

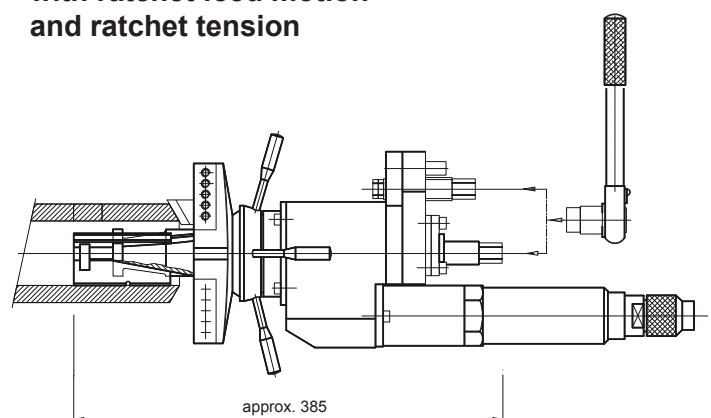
Besides the conventional design in which the motor and the milling spindle are arranged in line, the unit is on request provided with an offset drive. Thus, it can also be used in special situations where a particularly short overall length is required.

MF3i



MF3i

with ratchet feed motion
and ratchet tension



BLADE & TOOL TIP HOLDER

with adjustable cutting tools for tube end milling unit type **MF3i**



091501105
HSS
cutting tool tip 0°



0915010106
HSS
cutting tool tip 0° (TIN)



091501415
HSS
cutting tool tip 30°



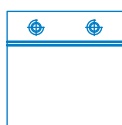
091501416
HSS
cutting tool tip 30° (TIN)



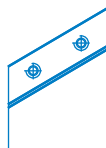
091500665
cutting tool tip
holder 0°
(short)



091501413
cutting tool tip
holder 0°
(short)



091502125
cutting tool tip
holder 0°
(long)



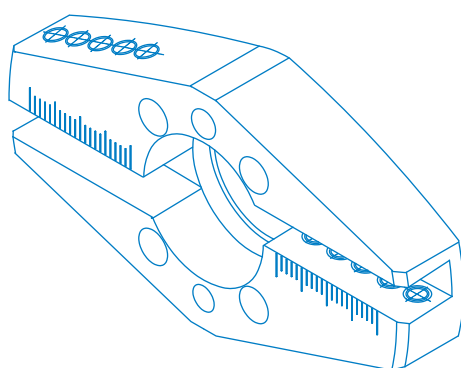
091501414
cutting tool tip
holder 30°



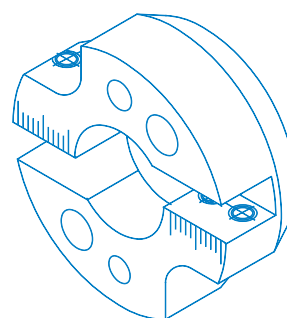
091502183
cutting tool tip
holder 0°
(small)



091502184
cutting tool tip
holder 30°
(small)



091502139
Blade holder size 2
for clamping sleeve size 2
(Outside-Ø 158 mm)
(Standard-blade holder)



091502144
Blade holder size 1
for clamping sleeve size 1
(Outside-Ø 84 mm)



091502185
10° - internal



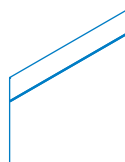
091502186
8° - internal



091502126
HSS blade 0°
(long)



091501410
HSS blade 0°
(short)



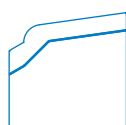
091502191
HSS blade 30°



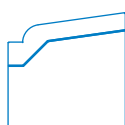
091502189
HSS blade 0°
(small)



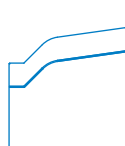
091502190
HSS blade 30°
(small)



091502134
DIN 2559-4



091502133
DIN 2559-3



091502128
DBS 34-R3



091502127
DBS 34-R5



091502192
DIN 2559-4
(small)



091502195
DIN 2559-3
(small)



091502194
DBS 34-R3
(small)



091502193
DBS 34-R5
(small)

Various special blades on request!