

PIPE BEVELING MACHINE

Pipe beveling machines for weld preparation of pipe end in pipe welding

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

Video
of application



MF3i

Field of application

The pipe beveling machines are used for weld preparation of the pipe end in pipe welding applications. The portable machine is used for facing and beveling the pipe edge. Especially for heavy wall pipe the pipe machining is fast and accurate. Pipe beveling and facing can be done in one operation with special tool holders. Operated by one man the pipe beveling machines can be used in the workshop and on site with low weight due to aluminum construction. High speed beveling and facing with special tool bits provides economical manufacturing of pipes, tubes and headers.

TECHNICAL DATA

of pipe beveling machine for weld preparation

Working range:

Pipe outside diameter:	min. 27 mm max. 160 mm
Pipe wall thickness*:	max. 25 mm
Weld preparation form of pipe end (depends on pipe welding process):	facing, beveling of butt weld and J prep weld
Spindle stroke:	15 mm

Clamping range:

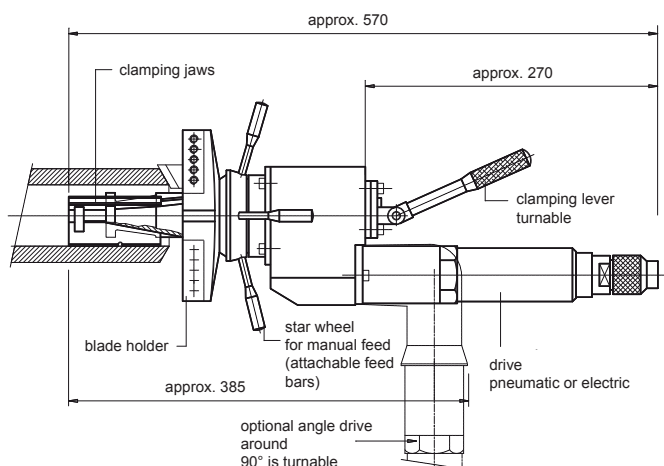
Inside pipe diameter:	min. 25 mm max. 152 mm
Feed:	manual

Weight:

with pneumatic drive:	approx. 10,3 kg
with electric drive:	approx. 11,5 kg

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 standard



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"

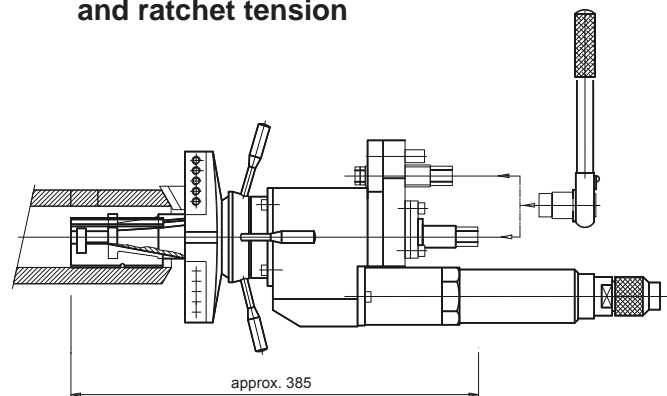
Electric geared motor:

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.

MF3i optional with ratchet feed motion and ratchet tension



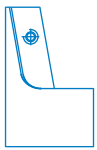
BLADE & TOOL TIP HOLDER

Pipe beveling machines for weld preparation of pipe end in pipe welding



091501105
HSS

Pipe facing and pipe bevel tool tip 0°



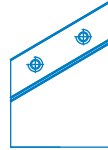
091500665
Pipe preparation tool tip holder 10° (short)



091501413
Pipe preparation tool tip holder 0° (short)



091502125
Pipe preparation tool tip holder 0° (long)



091501414
Pipe preparation tool tip holder 30°



091501106
HSS

Pipe facing and pipe bevel tool tip 0° (TIN)



091501415
HSS

Pipe facing and pipe bevel tool tip 30°



091501416
HSS

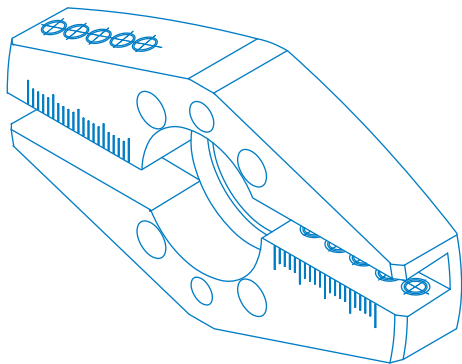
Pipe facing and pipe bevel tool tip 30° (TIN)



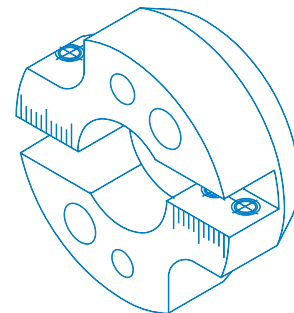
091502183
Pipe preparation tool tip holder 0° (small)



091502184
Pipe preparation tool tip holder 30° (small)



091502139
Pipe chamfer blade holder size 2 for clamping sleeve size 2 (Outside-Ø 25 - 158 mm) (Standard-blade holder)



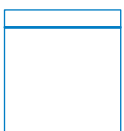
091502144
Pipe chamfer blade holder size 1 for clamping sleeve size 1 (Outside-Ø 84 mm)



091502185
10° - internal



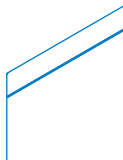
091502186
8° - internal



091502126
HSS blade 0° (long)



091501410
HSS blade 0° (short)



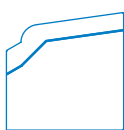
091502191
HSS blade 30°



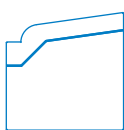
091502189
HSS blade 0° (small)



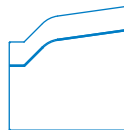
091502190
HSS blade 30° (small)



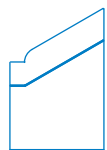
091502134
DIN 2559-4



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)

Special pipe chamfer blades on request!