

Tube cutting and bevelling machine type PROTEM® MF-170

Technical Features

60,3 mm - 168 mm OD Clamping- and

(2.37 - 6.6")machining range Feed 60 mm (2,36") Rotation 10 - 80 rpm Weight ~ 180 kg

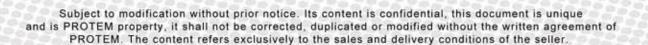
Drive, electric 380 V, 3 Phasen

Maximum wall thickness for bevelling C-steel 8 mm (0.3"), Stainless steel 7 mm (0.28")

Technical Advantage:

- Very robust design
- Machine entirely electrically driven
- Facility of use and adjustment
- Concentric clamping with a ratchet spanner
- Wide range of use and wide capacity
- Oversize motor reducer
- Speed regulation of rotation thanks to a mechanical variator
- Automatic advance clutch advances
- Protection housing
- System comb tears off chips
- Tools HSS or carbide inserts

The machine type MF-Series has been specially designed to cut and bevel tubes and pipes from 60.3 mm OD to 168 mm OD (2.37 - 6.6") in one operation. Possible bevel angles are 30 and 37.5°. The MF170 works with carbide inserts. The tool holder plate is equipped with two tool carriages. The feed movement is performed automatically. The MF machines are driven electrically, are having a speed regulation and a quick operable concentric clamping system. A safety cover with stop-function protects the operator. These machines are performing repeatable high quality weld preparations on tubes with all type of materials (steel, stainless steel and other alloys).

















According to the operation conditions several options can be integrated:

- Automatic pneumatic clamping system
- Lifting table
- Lubrification system
- Kit for small diameters
- Dual clamping system (recommended for production lines)

References

Order no.	Article	Weight
MF170E	MF170 with electrical drive 1500 W	~ 180 kg
MF170-K01	Wooden crate	
MF170-KitKLD	Kit for diameters from 25,4 mm (1")	0
MF170-SAC	Pneumatic clamping	
MF170-MHT	Lifting table, manual	
MF170-TEE	Lifting table, electric	
MF170-EKSS	Electrical lubrification system	
MF170-ODK	Visual speed control	
MF170-PO/D-30	Insert tool holder 30° right	
MF170-PO/G-30	Insert tool holder 30° left	
MF170-PO/D-3730	Insert tool holder 37°30 right	-
MF170-PO/G-3730	Insert tool holder 37°30 left	-
O-MF-P1-3-H	Cutting blade for MF170	
O-MF-P2-4-H	Tool insert for 30° and 37,5°	4
OPT-SPH	Chip Hook	~

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