



MF

SERIES



**OD CLAMPING MACHINES
BEVELING AND CUTTING
1/2''' TO 16.5''' OD**

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MF Series

OD concentric clamping machines to bevel and cut tubes from 1/2" to 16.5" OD.

The machines of the MF Series are the machinery equipment you will need for all your weld end preparations!



For unmatched results !

40 years of technical expertise

We provide demand oriented solutions which ensure reliability, efficiency, profitability!

Designed for Maximum efficiency

MF-Series machines are designed to cut and bevel tubes from 1/2" to 16.5" OD in one operation.

They serve all highly demanding industries such as:

- ✓ Energy generation
- ✓ Oil & Gas
- ✓ Shipbuilding
- ✓ Tube processing
- ✓ Aerospace





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In today's highly demanding industries such as Nuclear, Shipbuilding or Aerospace, the welded assemblies must be perfect. To achieve a perfect weld, the **best welding machine has to be accompanied by the best end preparation machine.**

Conscious of the high standards of our customers, PROTEM delivers **premium tube machining** solutions. Machining quality is repetitive and flawless. This end preparation allows manual and automatic orbital welding.

The **PROTEM MF machines** can achieve perfect weld preparations on almost any material; mild steel, stainless steel and exotic alloys such as incoloy, hastelloy, duplex, super duplex, copper, etc.

Perfect welds start with
Perfect tube end
preparations

Main advantages:

- ✓ Very robust design
- ✓ Fully electrically driven
- ✓ Easy to set up and use
- ✓ Concentric clamping with a ratchet spanner
- ✓ Wide range of use and wide capacity
- ✓ Oversized gear reducer
- ✓ Possibility of cutting and beveling in a simultaneous operation, on all sides of the tube
- ✓ Mechanical drive to regulate the speed
- ✓ Automatic advance with clutch
- ✓ Protective housing
- ✓ Chips tear off system
- ✓ HSS tools or carbide inserts

Professional solutions for steel, stainless steel and non-ferrous metal industry



Different Models

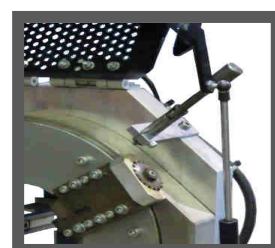
	MF170	MF420
Tube range	1/2" to 6" 12.7 to 152.4 mm	6" to 16-1/2" 152.4 to 419 mm
Cutting	x	x
Beveling	x	x
Power	1500W - 380V	1500W - 380V
Rotation speed	10->50 rpm	16->52 rpm
Feed stroke	60mm (2.362")	80mm (3.15")
Weight	~180 kg (397 LB)	~450 kg (992 LB)



Control panel



1500W Electrical motor



Feed clutch

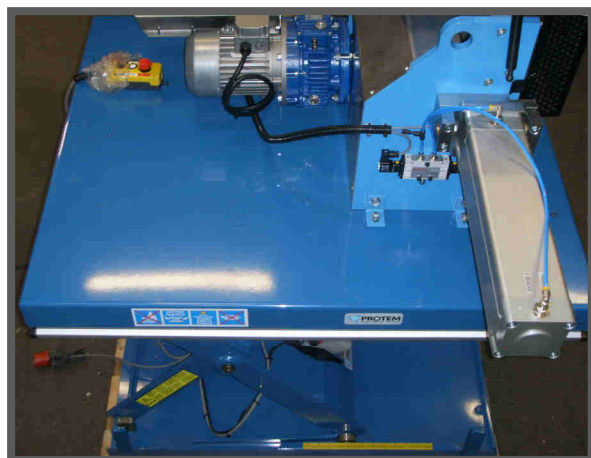


Clamping lever



Dimensions & options

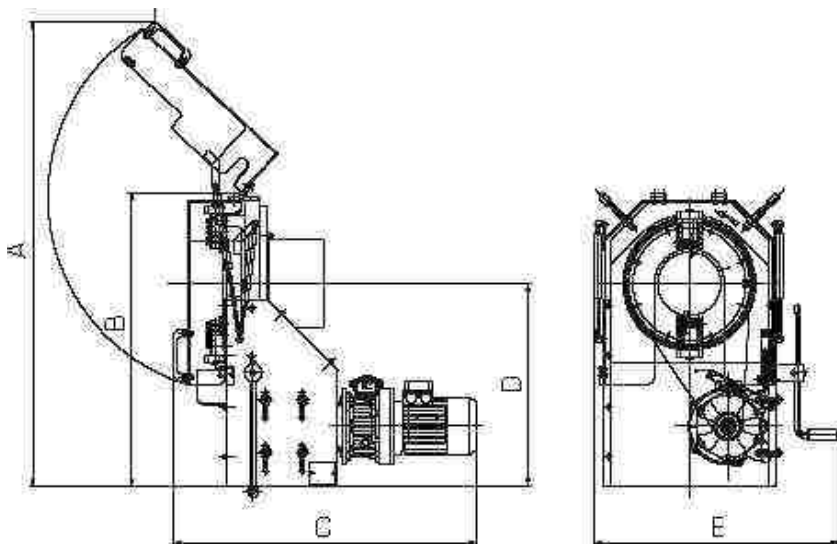
Model	A	B	C	D	E
MF170	1250	790	818	545	660
MF420	1641	970	990	550	1010



Lifting table & pneumatic clamping

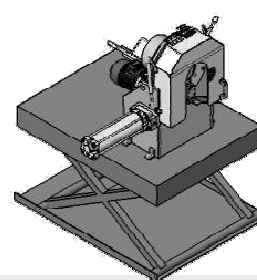
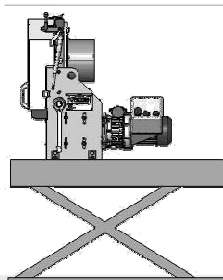


Dual clamping



Options:

- ✓ Pneumatic clamping device
- ✓ Dual clamping system
- ✓ Lubrication system
- ✓ Tube conveyors
- ✓ Electrical lifting table
- ✓ Special options on request





Contact & Comments

Our commitment, **your satisfaction!**

Serving our customers around the world with competence, efficiency and reliable service is our main goal. Whatever questions you may have, please do not hesitate to consult with us. Our staff will always advise you in a professional manner and recommend the right equipment to meet your technical requirements.

Call or email us for more information!

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Your comments:
