

FM-12000

TUBE / PIPE BEVELLING MACHINE

Combination of Power and Wide Range
Tube / Pipe Beveling Machine
Locking Range 100mm ID to 306mm ID (4" - 12")

The FM-12000 is a combination of power and range in a light and portable design. Rugged and balanced machine suitable for tubes and pipes in the size range of 100mm to 306mm in internal diameter.

Unique Shaft Design



100 mm (4") shaft, assures rigidity when machining heavy wall pipe.



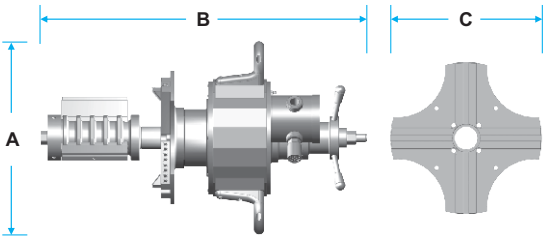
6 Points Locking Jaws



The innovative, 6 points jaws, effectively lock the machine within the pipe, allowing safe, efficient and smooth processing of the tube end.

Technical Specification

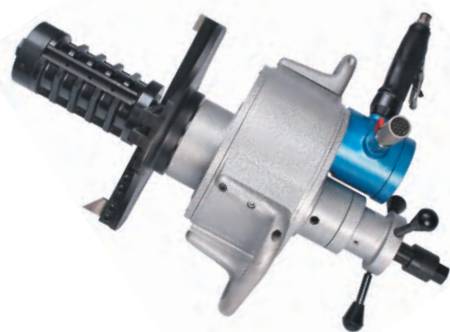
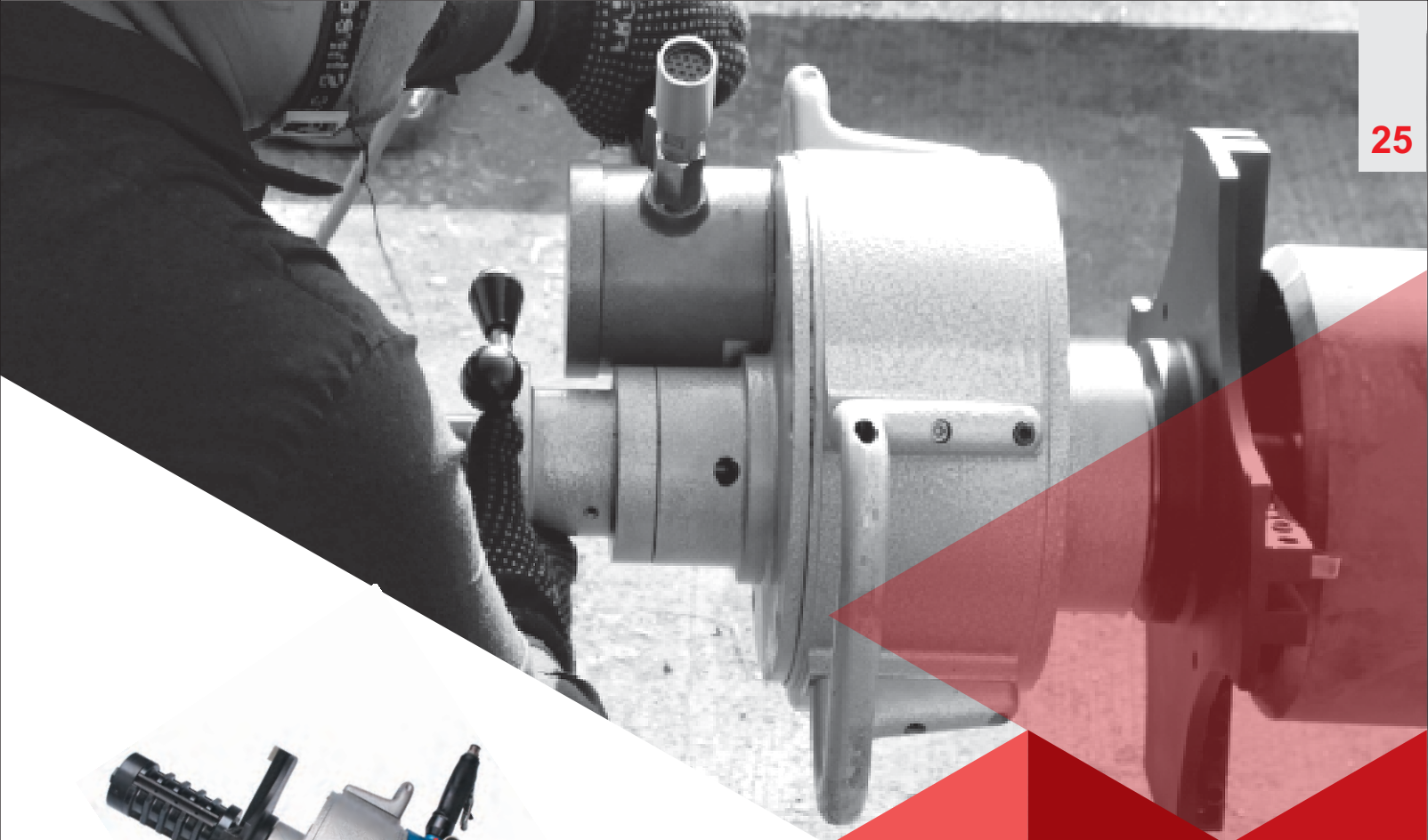
Drive		Pneumatic	Electric
Locking Range	mm	100 - 306	100 - 306
	(inch)	(4" - 12")	(4" - 12")
Idle Speed	rpm	35	31
Torque	Nm (lbf.ft)	180 (132.76)	230 (169.63)
Feeding Stroke	mm (inch)	50 (1.15/16")	50 (1.15/16")
Pneumatic Power	HP	.88	-
Air Consumption	cfm	0	-
Air Pressure	bar (psi)	6 (90)	-
Electric Power	Watts	-	2000
Voltage	V	-	110 / 220
Net Weight	kg (lb)	43.0 (94.80)	44.0 (97.00)



	Pneumatic (mm)	Electric (mm)
A	325	325
B	700	700
C	310	310

Features

- 1 BODY** - Light weight, high pressure cast aluminum body allows continuous operation under the harshest conditions.
- 2 TOOL HOLDER** - Holds the cutting tool bits tightly at the desired position. Its robust construction and support to the cutting bits ensure vibration free performance.
- 3 FEED SHAFT** - High strength, precise machined and hardened feed shaft provides a strong support to the assembly which slides over it.
- 4 JAW** - Wedge style hardened tool steel mounted jaws for maximum life and secure positioning. Available within the locking range of 100mm to 306mm.
- 5 CENTRAL MANDREL** - Expanding mandrel allows fast, accurate and self-centering alignment with torque-free operation for operator safety.
- 6 GEAR BOX** - Highly accurately machined for positive power transmission with less noise and no wear and tear.
- 7 BROACHED BUSH** - Through hardened broached bush restricts the angular movement of the machine.
- 8 PNEUMATIC OR ELECTRIC DRIVE** - High quality pneumatic or electric drive for reliable service and long working life.



Pneumatic



Electric

Jaws Set

FM-12000 (100-306 mm)



Expandable Holders

FM-12000 Cutter Head



Machine is equipped with 8" standard cutter head.

▼ FM-12000 performs beveling, facing and counter boring in 1 operation.



Recommended for :

Tube Facing, Tube Beveling, Weld Preparation edges