

TUBE / PIPE BEVELLING MACHINE FM-4000



FMP-4000 PNEUMATIC

FME-4000 ELECTRIC

The FM-4000 is a portable and powerful machine used on boiler tubes. Light in weight and easy in handling make it very useful. Modular and ergonomic design with high torque makes it useful for heavy duty working conditions.

Features of Tube End Facing Machines - FM-4000

BODY - Light weight, high pressure cast aluminum body allows continuous operation under the tough conditions.

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.

JAW - Wedge style hardened tool steel mounted jaws for maximum life and secure positioning. Available within the locking range of 39mm to 104mm.

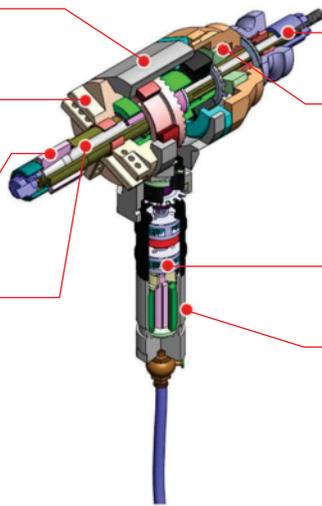
CENTRAL MANDREL - One piece rigid design expanding mandrel allows fast, accurate and self-centering alignment with torque-free operation for operators safety.

FEED SHAFT - High strength, precise machined and hardened feed shaft provides a strong support to the assembly which slides over it.

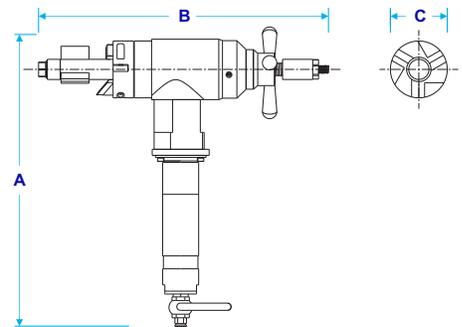
BROACHED BUSH - Through hardened broached bush restricts the angular movement of the machine.

GEAR BOX - Highly accurately machined for positive power transmission with less noise and no wear and tear.

PNEUMATIC OR ELECTRIC DRIVE - High quality pneumatic or electric drive for reliable service and long working life.



FM-4000 used in heavy duty working conditions.



Technical Specification

Drive		Pneumatic	Electric
Locking Range	mm (inch)	23 – 104 (1" - 4")	23 – 104 (1" - 4")
Idal Speed	RPM	70	70
Torque	Nm (lbf.ft)	140 (103.25)	143 (105.47)
Feeding Stroke	mm (inch)	40 (1.9/16")	40 (1.9/16")
Pneumatic Power	HP	1.33	-
Air Consumption	cfm	55-60	-
Air Pressure	Bar (psi)	6 (90)	-
Electric Power	watts	-	900
Voltage	V	-	110/120
Net Weight	Kg (lb)	9.0 (19.84)	10.0 (22.00)

	PNEUMATIC (mm)	ELECTRIC (mm)
A	470	500
B	405	395
C	115	79