

TUBE / PIPE BEVELLING MACHINE FM-3000



FMP-3000 PNEUMATIC



FME-3000 ELECTRIC

The FM-3000 is the most popular and powerful machine used on boiler tubes. Allows quick interchangeability of locking jaws to suit wide range of diameters. Modular and ergonomic design. Easy to handle and quick to setup.

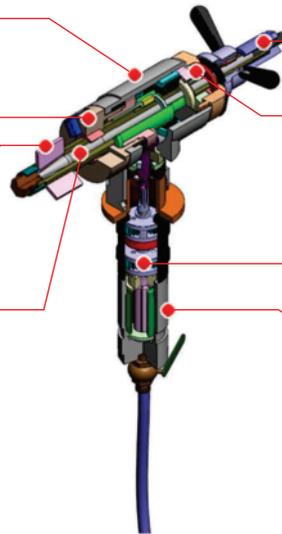
Features of Tube End Facing Machines - FM-3000

BODY - Light weight, high pressure cast aluminum body allows continuous operation under the harshest 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 28mm to 76mm.

CENTRAL MANDREL - Expanding mandrel allows fast, accurate and self-centering alignment with torque-free operation for operator safety.



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

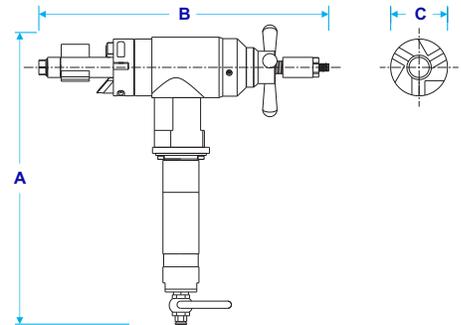
BROACHED BUSH - Through hardened broached bush restricts the angular movement and ensures steady of the machine.

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-3000 used during new boiler manufacturing and boiler maintenance.



Technical Specification

Drive		Pneumatic	Electric
Locking Range	mm (inch)	28 – 76 (1.1/8" - 3")	28 – 76 (1.1/8" - 3")
Idal Speed	RPM	110	75
Torque	Nm (lbf.ft)	56 (41.30)	82 (60.48)
Feeding Stroke	mm (inch)	40 (1.9/16")	40 (1.9/16")
Pneumatic Power	HP	0.70	-
Air Consumption	cfm	34-36	-
Air Pressurer	Bar (psi)	6 (90)	-
Electric Power	watts	-	900
Voltage	V	-	110 / 220 V
Net Weight	kg (lb)	8.0 (17.63)	9.0 (19.84)

	PNEUMATIC (mm)	ELECTRIC (mm)
A	450	480
B	395	395
C	79	79