

TUBE / PIPE BEVELLING MACHINE FM-4500



FMP-4500 PNEUMATIC



FME-4500 ELECTRIC



FME-4500 ELECTRIC - HD (Heavy Duty)

The FM-4500 is a heavy duty machine designed to bevel, face, and prepare weld edges. Modular and ergonomic design. It's suitable for tubes and pipe in the size range of 39mm - 104mm.

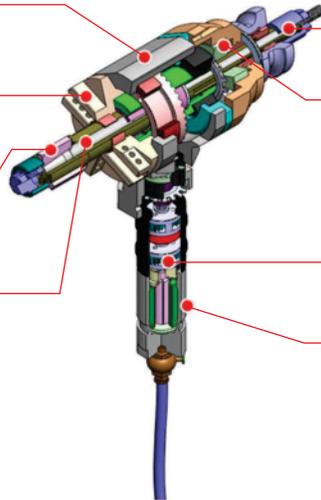
Features of Tube End Facing Machines - FM-4500

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.

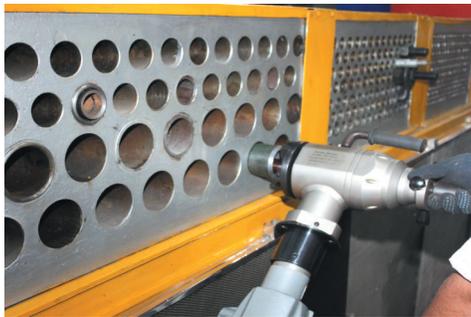


FEED SHAFT - High strength, precise machined and hardened feed shaft provides a strong support to the assembly which slides over it.

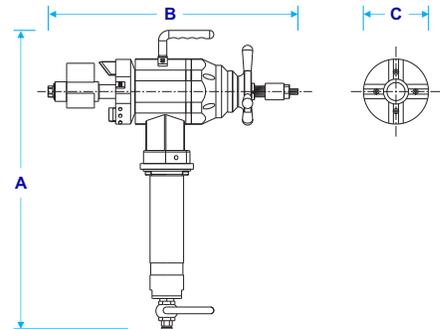
BROACHED BUSH - Through hardened broached bush restricts the angular movement of the machine.

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-4500 used for beveling of heavy wall thickness tubes



Technical Specification

Drive		Pneumatic	Electric	Electric-HD
Locking Range	mm (inch)	39-104 (1.9/16"- 4.1/16")	39-104 (1.9/16"- 4.1/16")	39-104 (1.9/16"- 4.1/16")
Idal Speed	RPM	70	70	115
Torque	Nm (lbf.ft)	180 (132.76)	245 (180.70)	265 (195.45)
Feeding Stroke	mm (inch)	40.5 (1.9/16")	40.5 (1.9/16")	40 (1.9/16")
Pneumatic Power	HP	1.33	-	-
Air Consumption	cfm	50-60	-	-
Air Pressure	Bar (psi)	6 (90)	-	-
Electric Power	watts	-	1020	1800
Voltage	V	-	110/220 V	110/220 V
Net Weight	kg (lb)	17.0 (37.47)	18.0 (39.70)	27.0 (59.52)

	PNEUMATIC (mm)	ELECTRIC (mm)	ELECTRIC-HD (mm)
A	630	525	670
B	450	450	450
C	126	126	126