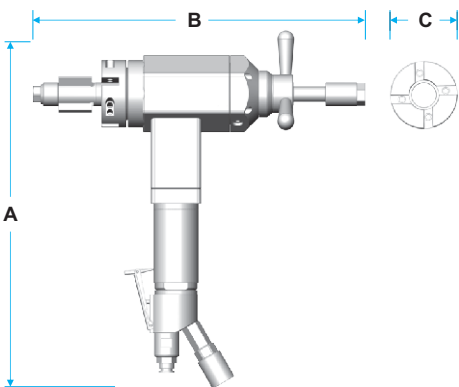


FM-3000

TUBE / PIPE BEVELLING MACHINE

Most Popular and Powerful Tube / Pipe Beveling Machine
Locking Range 28mm ID to 76mm ID (1.1/8" - 3")

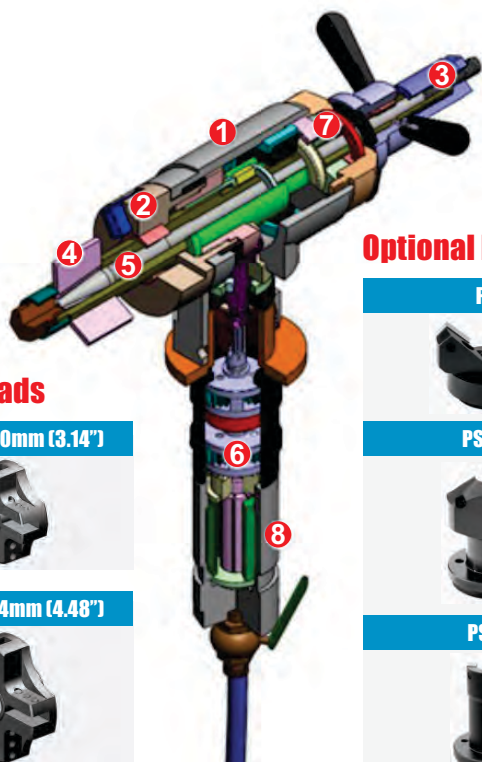
The FM-3000 is the most popular and powerful machine used on boiler tubes. Allows quick interchangeability of locking jaws to suit wide range of diameters. Modular and ergonomic design. Easy to handle and quick to setup.



	Pneumatic (mm)	Electric (mm)
A	450	560
B	410	410
C	80	80

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 28mm to 76mm.
- 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.



Cutter Heads

Standard 80mm (3.14")

Optional 114mm (4.48")

Optional Heads

POB

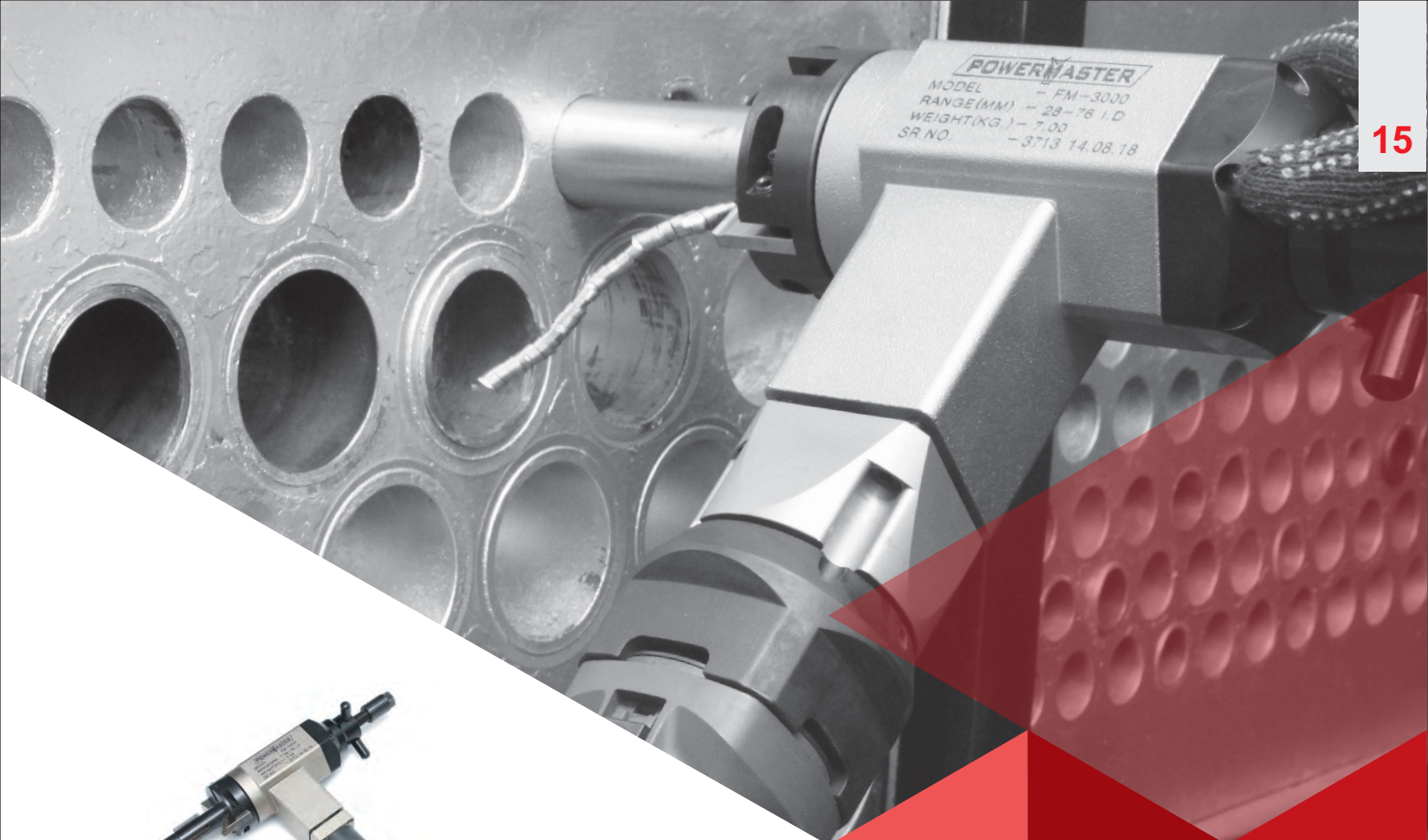
PSTWR

PSWR

Table for POB, PSTWR, PSWR
Page 16, 17

Technical Specification

Drive		Pneumatic	Electric
Locking Range	mm	28 - 76	28 - 76
	(inch)	(1.1/8" - 3")	(1.1/8" - 3")
Idle 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 Pressure	bar (psi)	6 (90)	-
Electric Power	Watts	-	1000
Voltage	V	-	110 / 220
Net Weight	kg (lb)	8.0 (17.63)	9.0 (19.84)



Pneumatic



Electric

Jaws Set

FM-3000 (28-76 mm)



Optional Reduced Shafts

The FM-3000 is also available with reduced diameter central shafts allowing its use on following smaller sized tubes:

Shaft Model	Locking Range	
	mm	inch
20	20 - 30	3/4" - 1.3/16"



Recommended for :

Boiler tubes

▼ **FM-3000** used during new boiler manufacturing and boiler maintenance.

