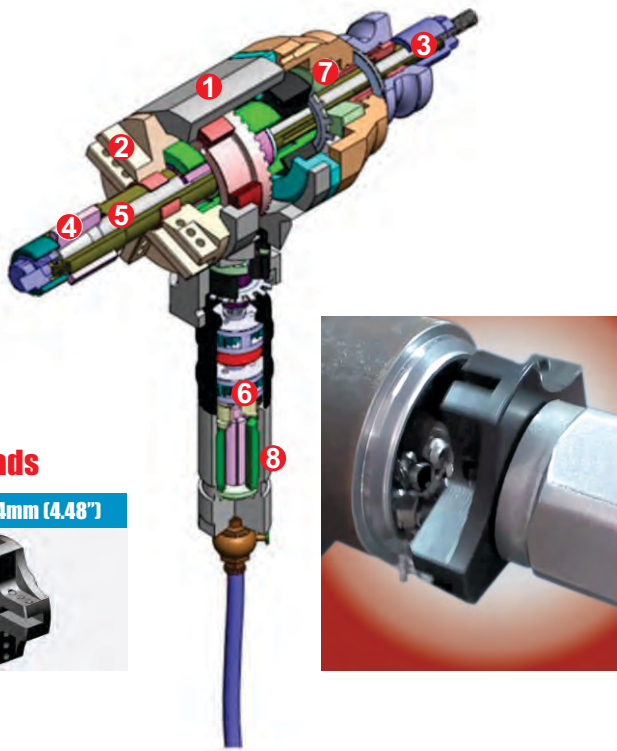


FM-4000

TUBE / PIPE BEVELLING MACHINE

Portable and Powerful Tube / Pipe Beveling Machine
Locking Range **23mm ID to 104mm ID (1" - 4")**

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.

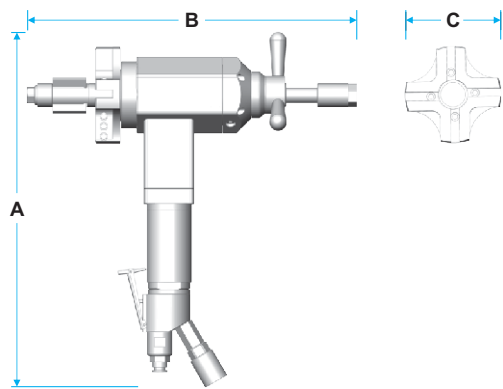


Cutter Heads



Technical Specification

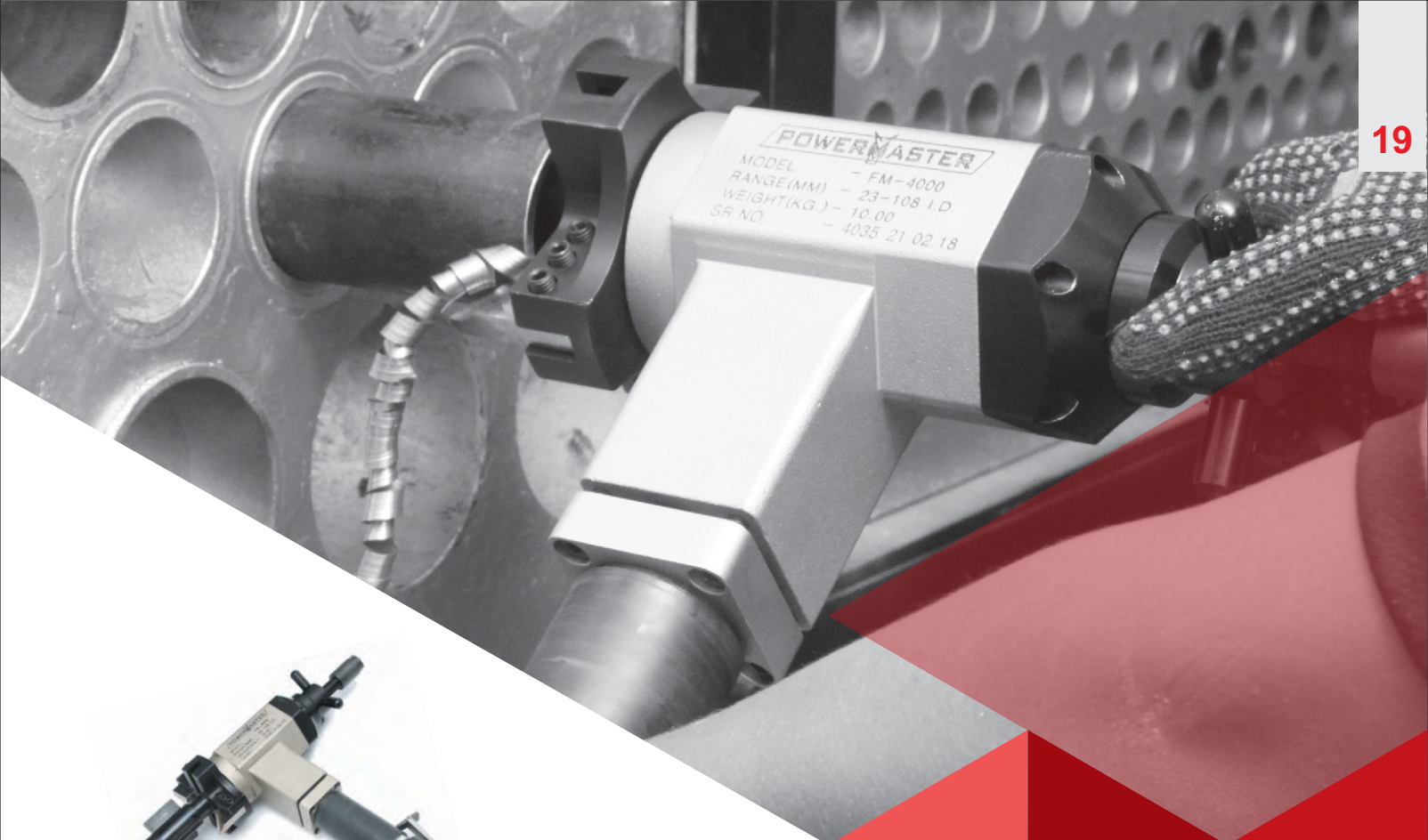
Drive		Pneumatic	Electric
Locking Range	mm	23 - 104	23 - 104
	(inch)	(1" - 4")	(1" - 4")
Idle Speed	rpm	70	70
Torque	Nm (lbf.ft)	140 (103.25)	143 (105.47)
Feeding Stroke	mm (inch)	40 (1.9/16")	40 (1.9/16")
Pneumatic Power	HP	1.33	-
Air Consumption	cfm	55 - 60	-
Air Pressure	bar (psi)	6 (90)	-
Electric Power	Watts	-	1000
Voltage	V	-	110 / 220
Net Weight	kg (lb)	9.0 (19.84)	10.0 (22.00)



	Pneumatic (mm)	Electric (mm)
A	420	560
B	450	450
C	115	115

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 23mm to 104mm.
- 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-4000 (23-104 mm)



Optional Reduced Shafts

The FM-4000 is also available with reduced diameter central shafts allowing its use on following smaller sized tubes:

Shaft Model	Locking Range	
	mm	inch
23	23 - 35	3/4" - 1.3/8"



Recommended for :

Boiler tubes

▼ **FM-4000** used in heavy duty working conditions.

