

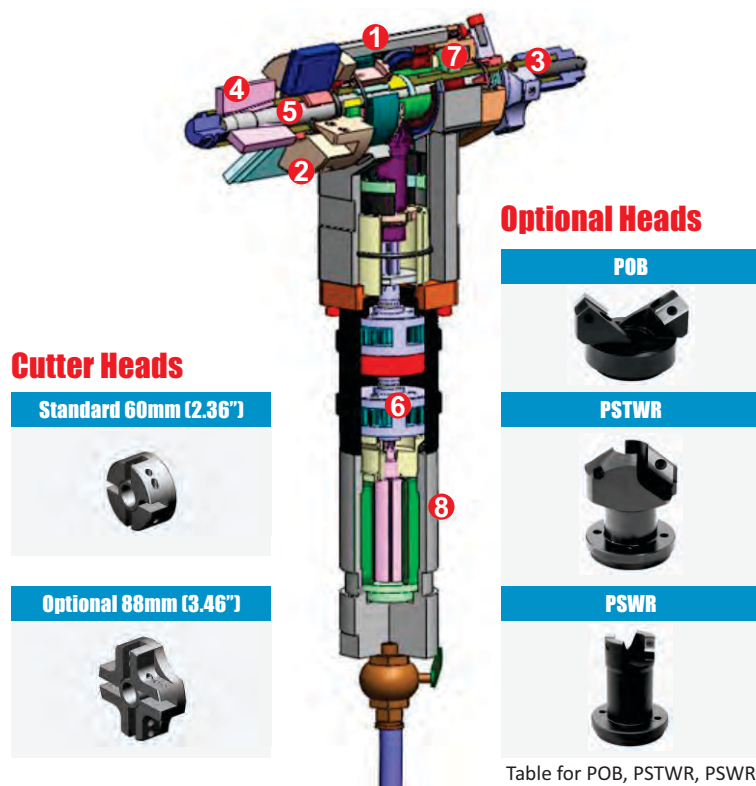
FM-1625

TUBE / PIPE BEVELLING MACHINE

Light Weight Tube/Pipe Beveling Machine

Locking Range 20mm ID to 42mm ID (3/4" - 1.5/8")

The FM-1625 is a light weight and compact machine for facing, beveling and weld preparation on materials including stainless steel, duplex, inconel and others. One operator performs weld preparations safely, accurately and quickly vs. the slow and cumbersome grinding operation. Easy to handle and quick to setup. Used in shutdown environments on condensers and heat exchangers.



Cutter Heads

Standard 60mm (2.36")



Optional 88mm (3.46")



Optional Heads

POB



PSTWR



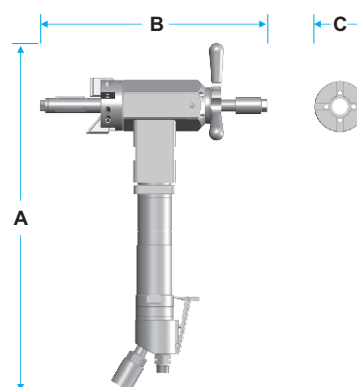
PSWR



Table for POB, PSTWR, PSWR
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Technical Specification

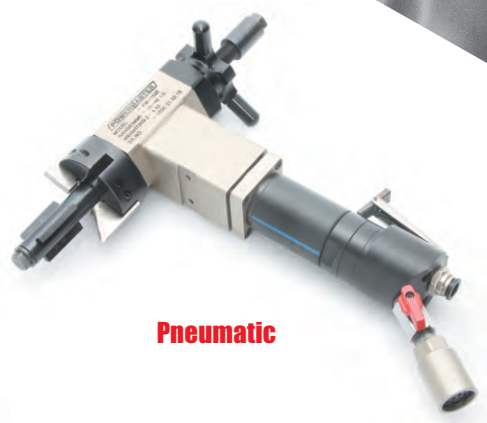
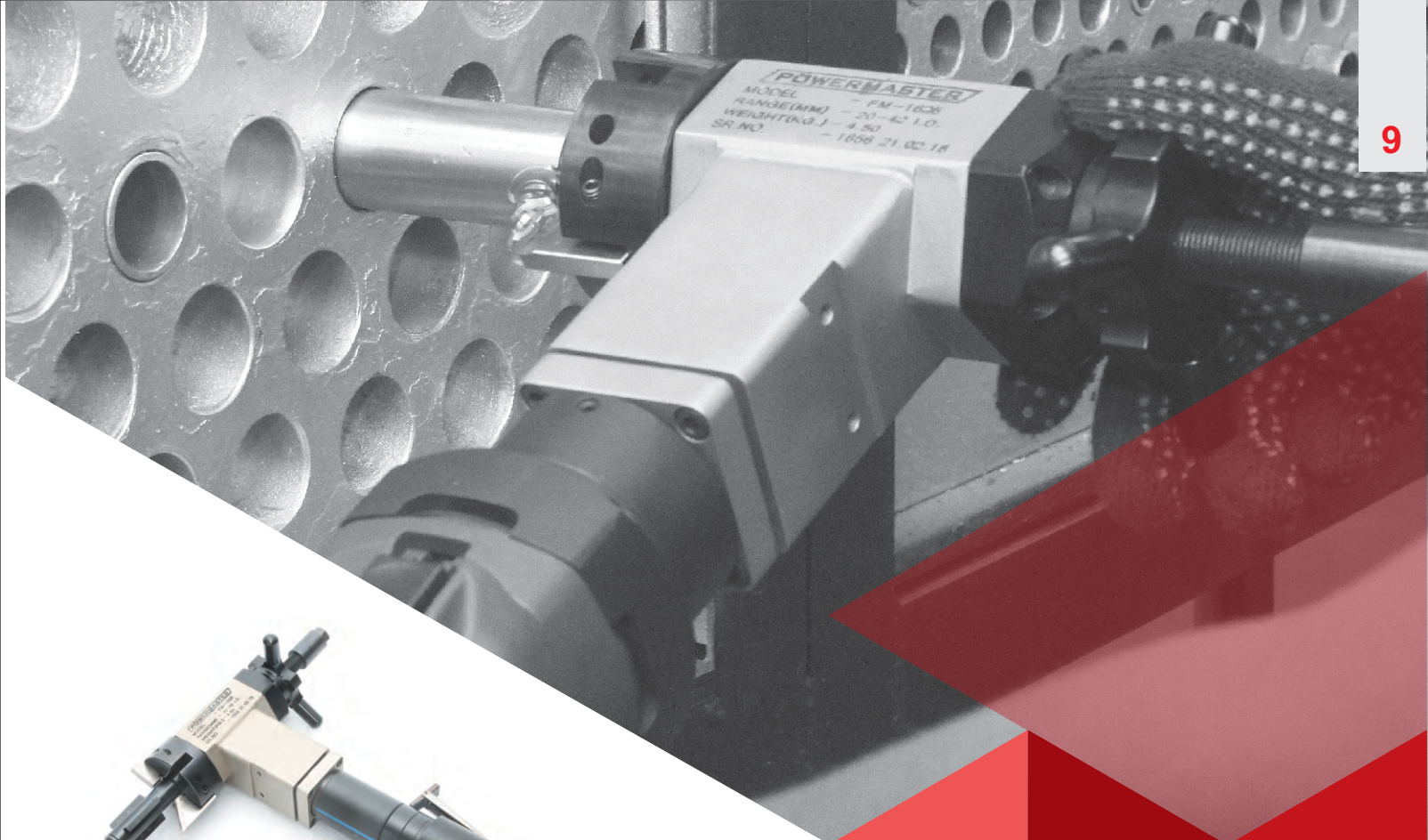
Drive		Pneumatic	Electric
Locking Range	mm	20 - 42	20 - 42
	(inch)	(3/4" - 1.5/8")	(3/4" - 1.5/8")
Idle Speed	rpm	235	250
Torque	Nm (lbf.ft)	29 (21.38)	45 (33.19)
Feeding Stroke	mm (inch)	23 (7/8")	23 (7/8")
Pneumatic Power	HP	0.583	-
Air Consumption	cfm	15 - 18	-
Air Pressure	bar (psi)	6 (90)	-
Electric Power	Watts	-	850
Voltage	V	-	110 / 220
Net Weight	kg (lb)	4.8 (10.58)	5.5 (12.12)



	Pneumatic (mm)	Electric (mm)
A	400	440
B	300	300
C	67	67

Features

- 1 LIGHT WEIGHT BODY** - High pressure cast aluminum body allows continuous operation under the harshest conditions.
- 2 ROBUST 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 HIGH STRENGTH FEED SHAFT** - Precise machined and hardened feed shaft provides a strong support to the assembly which slides over it.
- 4 TOOL STEEL JAW** - Wedge style hardened tool steel jaws for maximum life and secure positioning. Available within the locking range of 20mm to 42mm.
- 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-1625 (20-42 mm)



Optional Reduced Shafts

The FM-1625 is also available with reduced diameter central shafts allowing its use on following smaller sized tubes:

Shaft Model	Locking Range	
	mm	inch
12.4	12.5 - 15	1/2" - 9/16"
13.9	14 - 18	9/16" - 11/16"
16.9	17 - 21	11/16" - 13/16"
KIT	12.5 - 21	1/2" - 13/16"



Recommended for :

Tube Facing, Tube Bevelling, Weld Preparation

▼ **FM-1625** is used where access is limited.

