

TUBE FACING TOOLS

PERFECT END PREP ON
TUBES FROM 1/8" TO 6"

One of the most overlooked steps in the orbital welding process is the prep. The quality of the weld is directly dependent on the prep. MIT offers a solution in the form of T+C FM Tube Facing Equipment.

Designed to precisely machine smooth, square, and burr-free tube ends, these robust tools produce high-quality finishes with repetitive ease and reliability.

Tube squaring tools are available for purchase or rental. MIT also stocks consumable facing accessories such as double sided facing bits.

TOOLS FEATURE

- Convenient bit access
- Rugged Electric Motor
- Easy Speed Adjustment
- Graduated Microspeed Advancement
- Tool Free Operation
- Removable Bench Stand
- Standard Aluminum Collet Sizes Available
- Custom Shipping Case with Service Wrenches and Storage Compartments

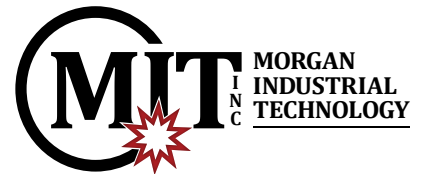
FM-Micro-R
1/8" - 1/2" O.D.

FM-25-R
1/8" - 1" O.D.

FM-63
1/4" - 2 1/2" O.D.

FM-114
1/2" - 4 1/2" O.D.

FM-168
1" - 6" O.D.





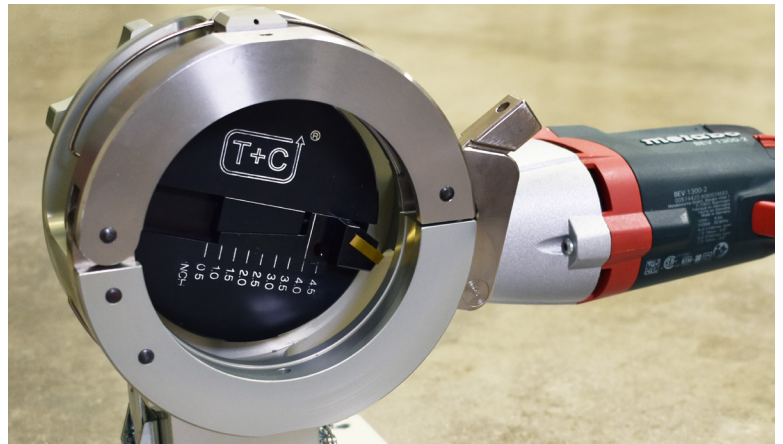
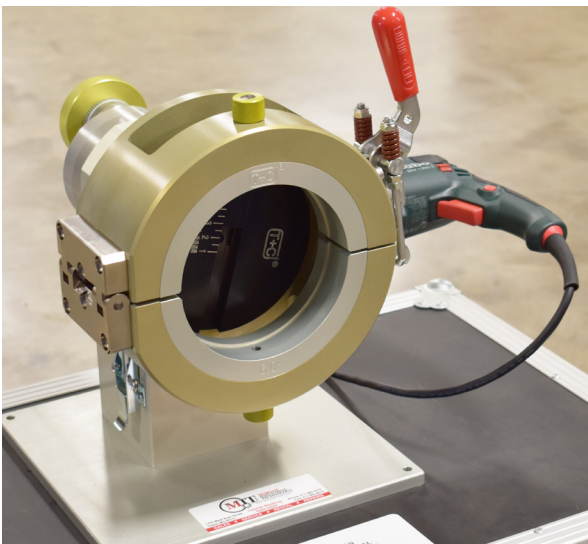
FM- 63

The FM-63 is a reliable facing machine that produces clean, burr-free tube ends for any application. It has a tube diameter clamping and facing capacity of 1/4" to 2 1/2".

FM- 114

The FM-114 is a robust bench-mounted facing tool that plugs into your site power and will work consistently for you all day long. This tool can be used on stainless steel, carbon steel, titanium and most nickel-based alloys.

It is capable of clamping tube diameters from 1/2" to 4 1/2" while facing maximum wall thicknesses of schedule 40 (4") stainless steel. The FM-114 also has an optional tool holder enabling 30°/37.5° bevel cutting.



Model No.	FM- Micro-R	FM- 25-R	FM- 63	FM- 114	FM- 168
Clamping Capacity	1/8"- 1/2" (3,2 mm - 12,7 mm)	1/8"- 1" (3,2 mm - 25,4 mm)	1/4"- 2 1/2" (6,35 mm - 63,5 mm)	1/2"- 4 1/2" (12,7 mm - 114,3 mm)	1"- 6" (25,4 mm - 168,3 mm)
Max. Wall Thickness	.065" Wall	.065" Wall	2" S.S./SCH40 2" C.S./SCH40	4" S.S./SCH40 4" C.S./SCH40	4" S.S./SCH40 4" C.S./SCH40
RPM (Dual Speed)	(i) 0-350; (ii) 0-1200	(i) 0-350; (ii) 0-1200	(i) 0-110; (ii) 0-320	(i) 8-45; (ii) 22-130	(i) 0-36; (ii) 0-85
Graduated Manual Feed	0.019"/ half turn (5 mm/ half turn)	0.06"/ rev. (1,5 mm/ rev.)	0.039"/ rev. (1 mm/ rev.)	0.039"/ rev. (1 mm/ rev.)	0.039"/ rev. (1 mm/ half turn)
Feed Stroke	0.19" (5 mm)	0.19" (5 mm)	0.39" (10 mm)	0.39" (10 mm)	0.59" (15 mm)
Drive	Cordless	Cordless or 1100 W 110V/220V; 50/60Hz	1100 W 110V/220V; 50/60Hz	1100 W 110V/220V; 50/60Hz	1100 W 110V/220V; 50/60Hz
Weight (Without Stand)	6.6 lbs	4.85 lbs	14 lbs	23 lbs	121 lbs

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