

FF2000 PORTABLE FLANGE FACER

FEATURES • SETUP & OPERATION
COMPONENTS & ACCESSORIES • TECHNICAL DATA

Ideal for small flanges in tight spaces.

Compact and Flexible

- Flange face, bevel, square, counterbore, and cut end prep configurations for welding with this machine.
- Ideal for small flanges in tight spaces.
- Uses an internal expanding clamping system and interchangeable clamp blade set to accommodate various tube and pipe sizes.
- Features a patented expanding internal torque-accepting mandrel, and comes with everything you need to get the job done.

Powerful, Quality Components

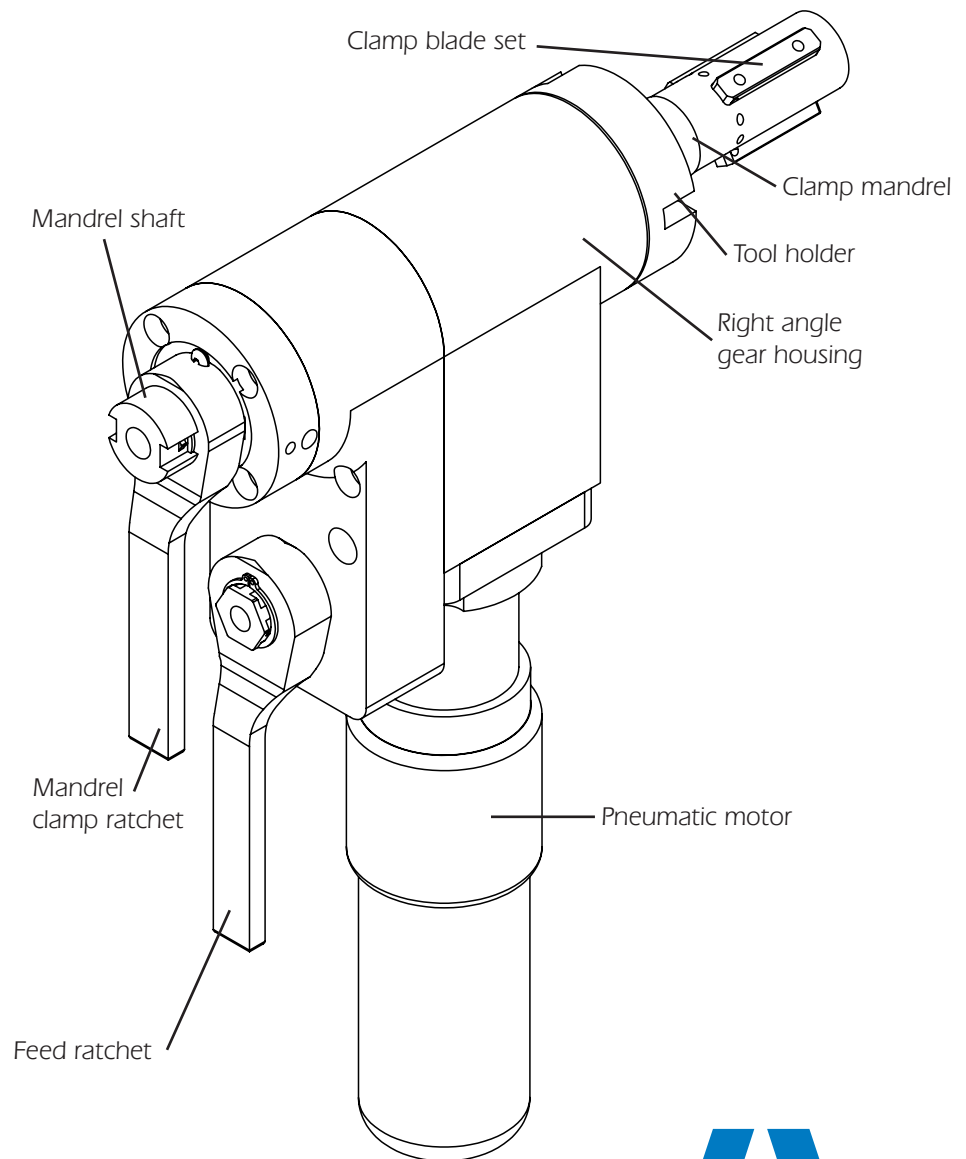
- Compact, low-profile drive system engineered for superior power to weight ratio.
- Features rugged main body, heavy-duty bearings, sealed lubrication, and rigid mounting system.

Cost Effective

Cuts costs in four ways:

- Reduces downtime
- Eliminates off-site machining costs
- Eliminates leak sealing procedures
- Reduces stock of replacement flanges

Recoup the cost of a Climax Flange Facer in the first few flange facing jobs.



CLIMAX[®]
Portable Machine Tools, Inc.

Bringing the solution to you.

Specifications

	<u>Inch</u>	<u>mm</u>
Facing Diameter	1 – 2.5	25.4 – 63.5
Beveling Diameter	1 – 2.5	25.4 – 63.5
ID Mounting Diameter	1 – 2	25.4 – 50.8
Maximum Axial Travel	1.2	29
Cutter Head Speed	200 rpm free speed, approx. 100 rpm at max power	
Feed	Manual	Manual
Power, Pneumatic	1 Hp	0.7 kW
Operating Weight	14 lbs	6.4 kg
Shipping Weight	27 lbs	12.2 kg
Shipping Dimensions (shipped in 1 container)	20 x 17 x 8	508 x 431.8 x 203.2

Tool Configuration

Standard unit includes:

- Facing machine with heavy duty 1Hp (0.7 kW) pneumatic motor
- In-line lubricator and flow control
- Three form flange facing bits
- Two beveling bits
- One mandrel with hardened block set for 1 - 2" (25.4 - 50.8mm) pipe
- Fixed ratchet handles for feed and mandrel lock
- Unit comes packed in a durable molded container

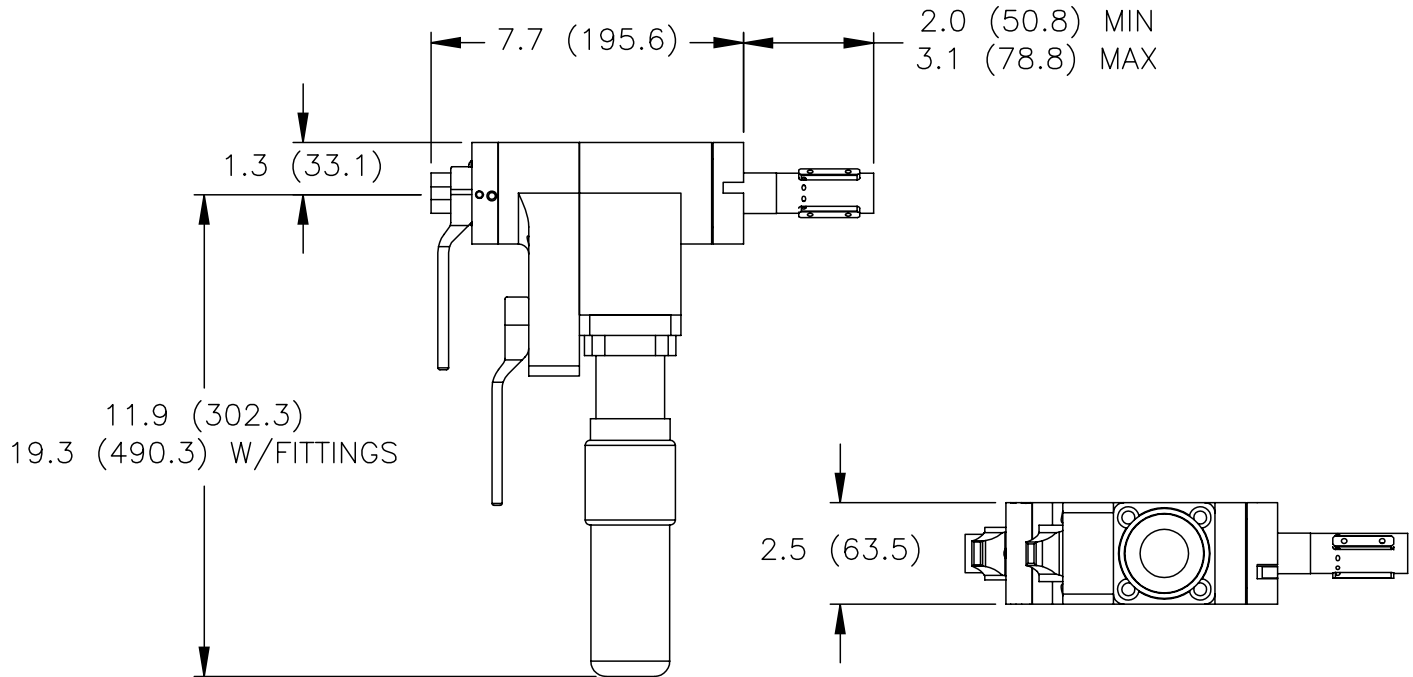
To order this unit, refer to
FF2000.1.00.000.11.00

Optional facing/beveling bits

- 33129** Facing Bit
- 35430** Phono finish facing bit
- 33127** 37.5 degree beveling tool bit
- 33134** 4 degree chamfer tool bit
- 35429** 2 degree shear angle facing bit

FF2000 Operational Dimensions

Dimensions in inch (mm)



Setup and Operation

In I.D. mount installations, a carefully designed three jaw chuck attaches rigidly to the work piece in seconds.

Alignment and centering are automatic. The FF2000 will quickly face flanges and bevel pipes.

Select the tool bit for:

- facing
- beveling
- chamfering

Measure the bore of the pipe and select the appropriate clamp block set from the kit, and securely attach them to the mandrel.

Put the machine in the pipe/tube end and turn the draw rod nut clockwise to spread out the clamp blades in the bore.

Rotate feed ratchet to advance tool to the work piece.

Climax Portable Machine Tools Worldwide Manufacturing, Sales & Rental Facilities



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Call us. We'll bring the solution to you.

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Corporate Headquarters

Climax Portable Machine Tools, Inc.
2712 E. Second Street, P.O. Box 1210
Newberg, Oregon 97132 USA
Worldwide Telephone: 503.538.2185
USA Toll-Free: 800.333.8311
Fax: 503.538.7600
Email: info@cpmt.com

European Headquarters

Climax GmbH
Willi - Bleicher - Strasse 11
52353 Düren, Germany
Telephone: (+49) (0) 2421.9177.0
Fax: (+49) (0) 2421.9177.29
Email: info.de@cpmt.com

Houston Sales Office

Climax Portable Machine Tools, Inc.
16823 Highway 35
Pearland, TX 77581 USA
Telephone: 281.469.0429



www.cpmt.com