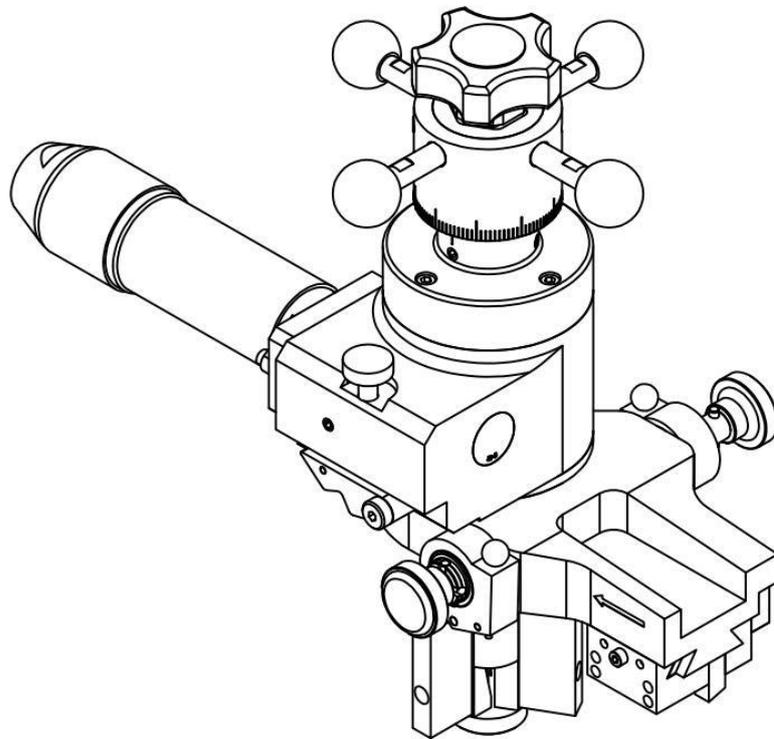


FC300

FLANGE FACING & BEVELING MACHINE



ABOUT TOPORTABLE MACHINE

Toportable machine's extensive experience in the design, development and manufacture of portable machine tools and welding equipment has resulted in machinery that is designed to meet the highest standards of quality, safety, and performance. Our products are backed by a company totally committed to service, integrity, and customer satisfaction.

Toportable machine provide portable machines and on-site services worldwide. Our engineering team provides custom equipment design and manufacturing solutions to suit the most rigorous requirements of our customers' special applications.

Main products:

- ◆ Portable boring machine
- ◆ Portable welding machine
- ◆ Portable flange facer
- ◆ Portable orbital milling machine
- ◆ Portable milling machine
- ◆ Portable CNC thread milling machine
- ◆ Portable key mill
- ◆ Portable lathe
- ◆ Portable valve repair machine
- ◆ Portable hydraulic pin pusher

Please contact us for more information on any of our products or services.

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The Model FC300 is a right-angled machining tool designed for facing flanges from $\Phi 40\text{mm}$ to $\Phi 305\text{mm}$ diameter. Also, for beveling and cutting welding prep configurations on tube and pipe.

An internal, expanding clamping chuck grips inside diameters from $\Phi 40\text{mm}$ to $\Phi 170\text{mm}$ with interchangeable jaw sets.

Observe the instructions in this Operating Manual and preserve the integrity of the machine by not modifying it in any manner.



Facing

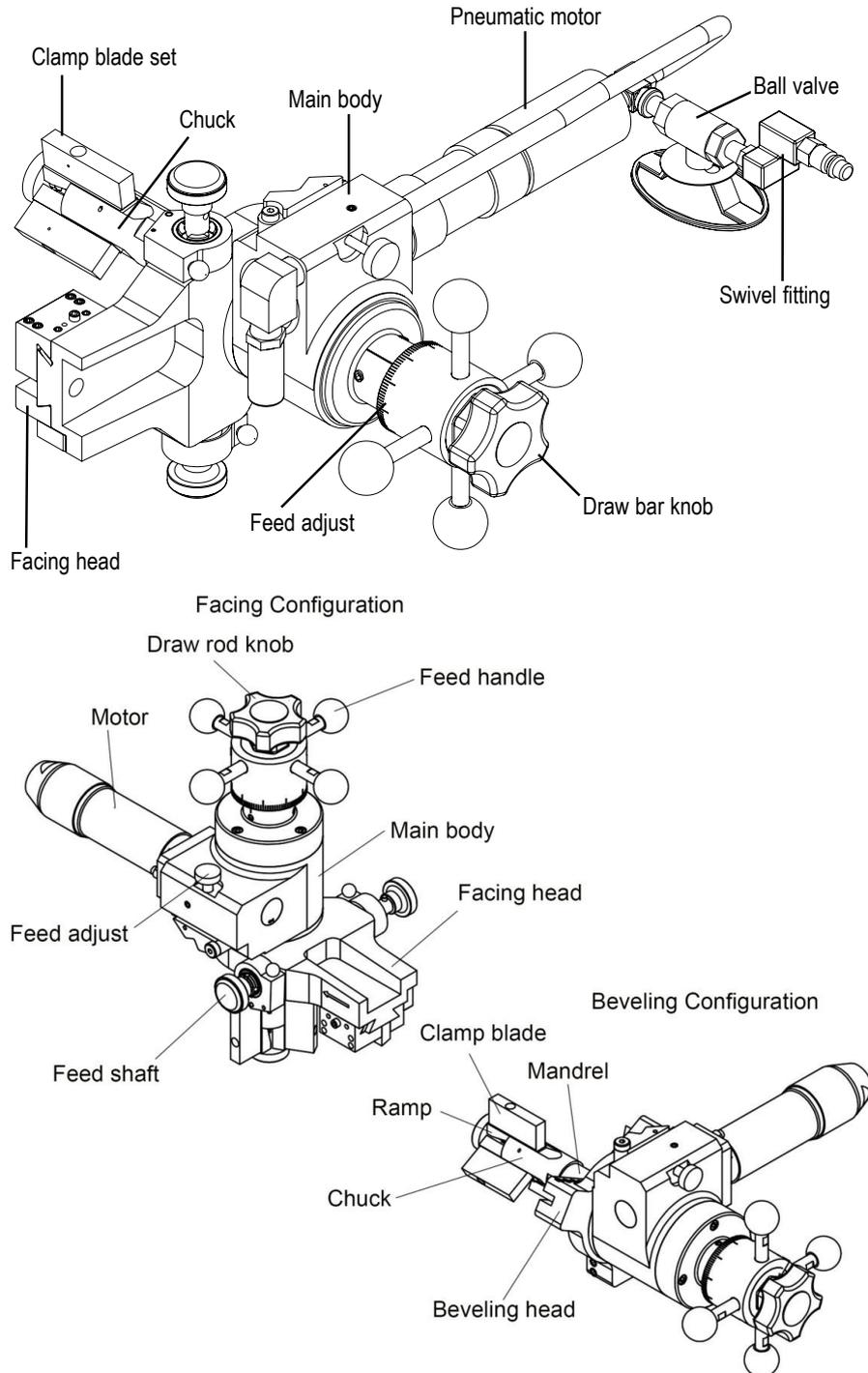


Beveling

SPECIFICATIONS

Technical Details		
1	ID Mounting Diameter	$\Phi 40\text{-}\Phi 170\text{mm}$
2	Flange Facing Diameter	$\Phi 40\text{-}\Phi 305\text{mm}$
3	Beveling Diameter	$\Phi 54\text{-}\Phi 180\text{mm}$
4	Maximum radial travel of Chuck Ramps	6mm
5	Facing Feed rate (Reversible, Variable)	0-0.635 mm/rev
6	Drive-Pneumatic @ 90 p.s.i (6bar)	0.8Kw
7	R.P.M	10-33rpm
8	Air Consumption / supply required	1.42m ³ /min
9	Axial stroke	50mm

- The Model FC300 FLANGE FACER is designed for facing and beveling the ends of pipe or tubing in preparation for welding.
- Machine raised and flat flanges
- Bi-directional feed.
- The expanding Mandrel provides fast, accurate self-centering and alignment to the pipe or tubing to be machined.
- Facing head and beveling head change quickly and easily.



A Fast Five-Step Process

Setup of the FC300 Flange Facer is quick and easy. The modular design and versatile setup options allow the chuck and main body to be set up separately.

An experienced operator can set up the machine in 10 minutes or less.

- 1** Choose from facing or beveling heads.
Place tool bit in tool slot and tighten set screw.



- 2** Align the 3 pin "Quick-Lock" system and tap with plastic mallet to seat.



- 3** Select jaw set according to the ID diameter that the machine will chuck into.



- 4** Place the machine in the bore. Hold to good start height, and tighten hand nut to snug. Push down on hand nut. While holding nut down, turn rod handle to tighten chuck.



- 5** Set tool to desired cutting depth, and begin machining.

