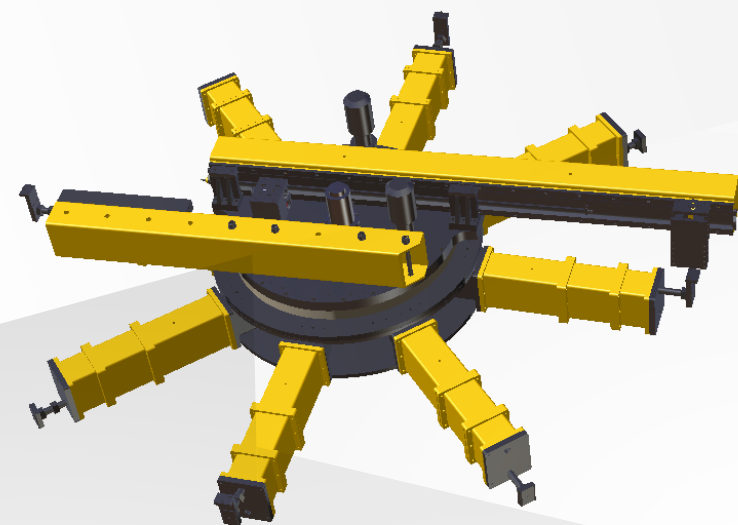


FI3000P Flange Facing Machine



FI3000 Flange Facing Machine adopts the disk type high precision slewing bearing support structure, relative to the spindle structure, the anti-over-turning moment of the equipment is enhanced, and the overall height of the equipment is greatly reduced, especially the aseismatic ability of the tool arm is enhanced during vertical processing.

It is rugged, compact and ideal for quickly reconditioning rusty, scarred or worn flange gasket seats to like new condition in short time. ID-mounted, this machine has a working range of 1143mm (45") to 3050mm (120"). The mounting bases with 8 clamping legs have micro- adjustable jaws to help quickly align the base during set-up. It can machining standard FF and RF flange facing, RTJ and other V grooves, welding reparations, etc. The FI3000 Flange Facing machine are suitable for the oil and gas industry, power plants, chemical plants, oil rigs and many others. They are prepared to implement applications complying with ASME B16.5 standards.

Features

- Welded Tool arm ensure strength
- High precision preloaded disc type rotary bearing ensure equipment accuracy and stability
- Modular design makes on-site installation safe and labor-saving
- ID Mounted and operates in any direction
- Suitable for various flange type: flat face, raise face, ring type joints(RTJ), Tongue & groove, compact flanges
- Dual air motor makes it powerful
- 2 continuous facing feeds for a gramophone finish (ASME B16.5 Standard)
- Swivel tool post for groove details
- Heat exchange mounting plate, back facing tool holder for options
- Steel case package, easy to storage and move

Specifications

Model	FI3000P
Driven	Pneumatic
Motor	Air Motor
Power Supply	4.5-6m³/min (160-210CFM)@0.6Mpa (90psi)
Motor Power	3.5HP * 2
Min. Facing Dia.	1000mm / 39.37"
Max. Facing Dia.	3050mm /120"
Min. Clamping Dia.	990mm / 38.98"
Max. Clamping Dia.	3000mm / 118.11"
No. of Feed Setings	2
Feed Rate 1-Fine	0.125mm/r
Feed Rate 2-Coarse	0.5mm/r
Tool Post Travel	102mm / 4"
Vertical Feed	Manually
Vertical Feed Rate (Feed wheel)	2mm/r
Max. R.P.M	15
Machine Weight	1800 Kgs
Shipping Weight	2420 Kgs
Package	Steel Case * 2

Dimension Figure

