

FI700 Flange Facing Machine

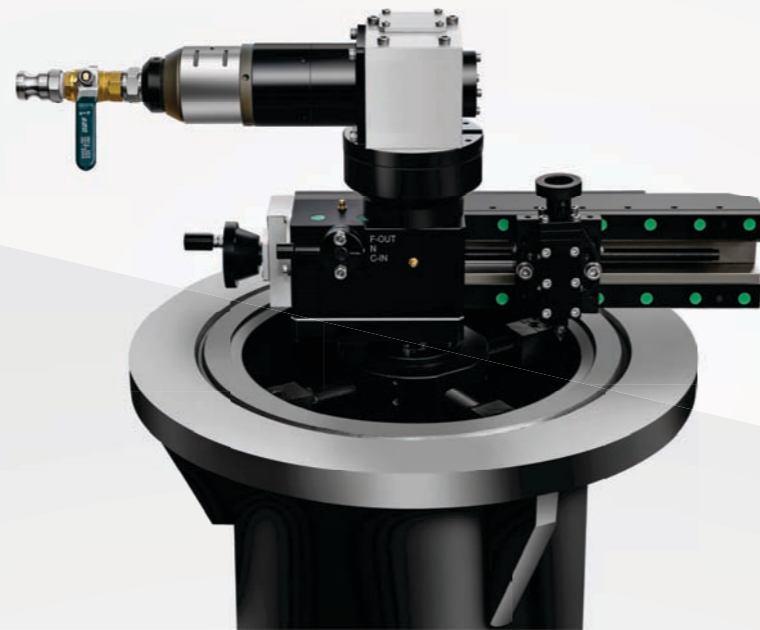
120-700mm (4.72"-27.56")

YouTube



Compare to the similar size flange facing machine in the market, FI700 increased the main shaft size, make sure the working stability while working the large size flange in its range. Internally mounted type, it has a working range of 120 mm (4.72") to 700 mm (27.56") and features 2 continuous feed rates.

The mounting base come in three sizes and have micro-adjustable jaws to help quickly align the base during set-up. Air motor and Servo motor are optional. FI700 can machine standard FF and RF flange facings, RTJ and other V grooves, weld reparations, etc. The FI700 Flange Facer are suitable for the oil and gas industry, power plants, chemical plants, oil rigs and many others. It is prepared to implement applications complying with ASME standards.



Features

- High precision NSK bearings make the machine precise and robust
- ID Mounted and operates in any direction
- Light weight & Rigidity body 7075 Alu
- Suitable for various flange type: flat face, raise face, ring type joints (RTJ), Tongue & groove, compact flanges
- Pneumatic and Panasonic electric servo motor drive for option
- 2 continuous groove facing feeds for a gramophone finish (ASME Standard)
- 3 different sized quick set independent bases for improved on-site operation
- 360° swivel tool post for groove details
- Steel case package, easy to storage and move

Specifications

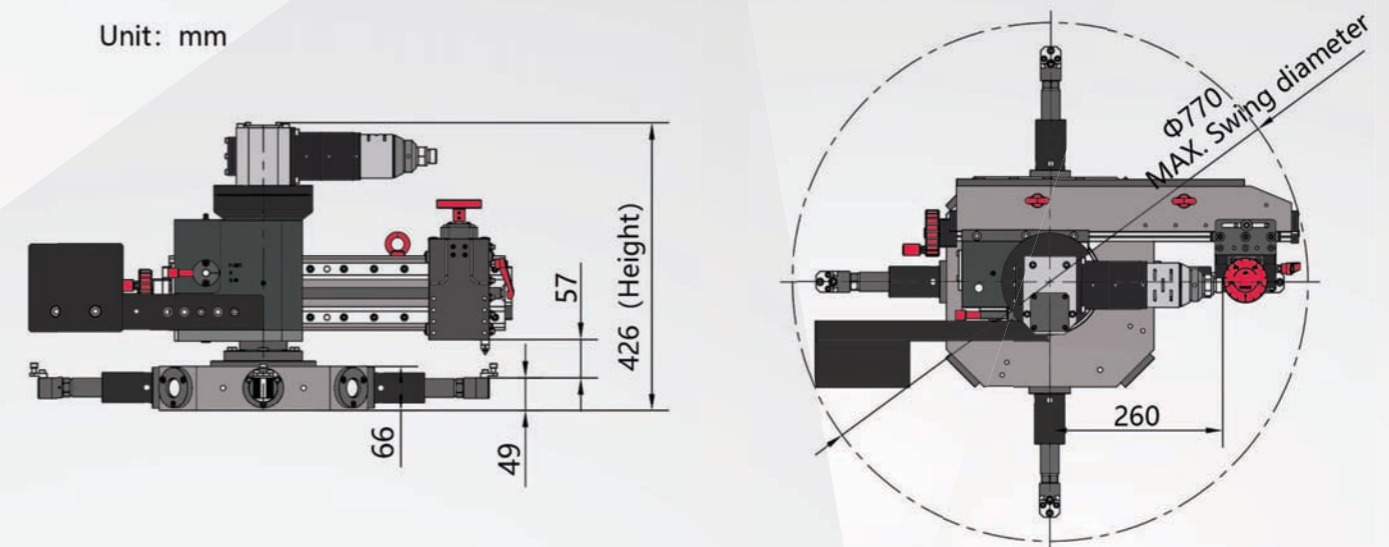
Model	FI700P	FI700E
Driven	Pneumatic	Electric - Servo
Motor	NODHA Air Motor	Panasonic Servo Motor
Power Supply	1.0m ³ /min (35CFM)@0.6Mpa (90psi)	220-240V 1PH 50/60HZ
Motor Power	1.47HP	1.0Kw
Min. Facing Dia.	120mm / 4.72"	
Max. Facing Dia.	700mm / 27.56"	
Min. Clamping Dia.	96mm / 3.78"	
Max. Clamping Dia.	700mm / 27.56"	
Tool Post Travel	50mm / 1.97"	
Max. R.P.M	40	45
Machine Weight	106 Kgs	126 Kgs
Shipping Weight	161 Kgs	177 Kgs
Package	Steel Case	Steel Case
Shipping Dimensions	860x600x600mm	1160x600x600mm

Feed Rates

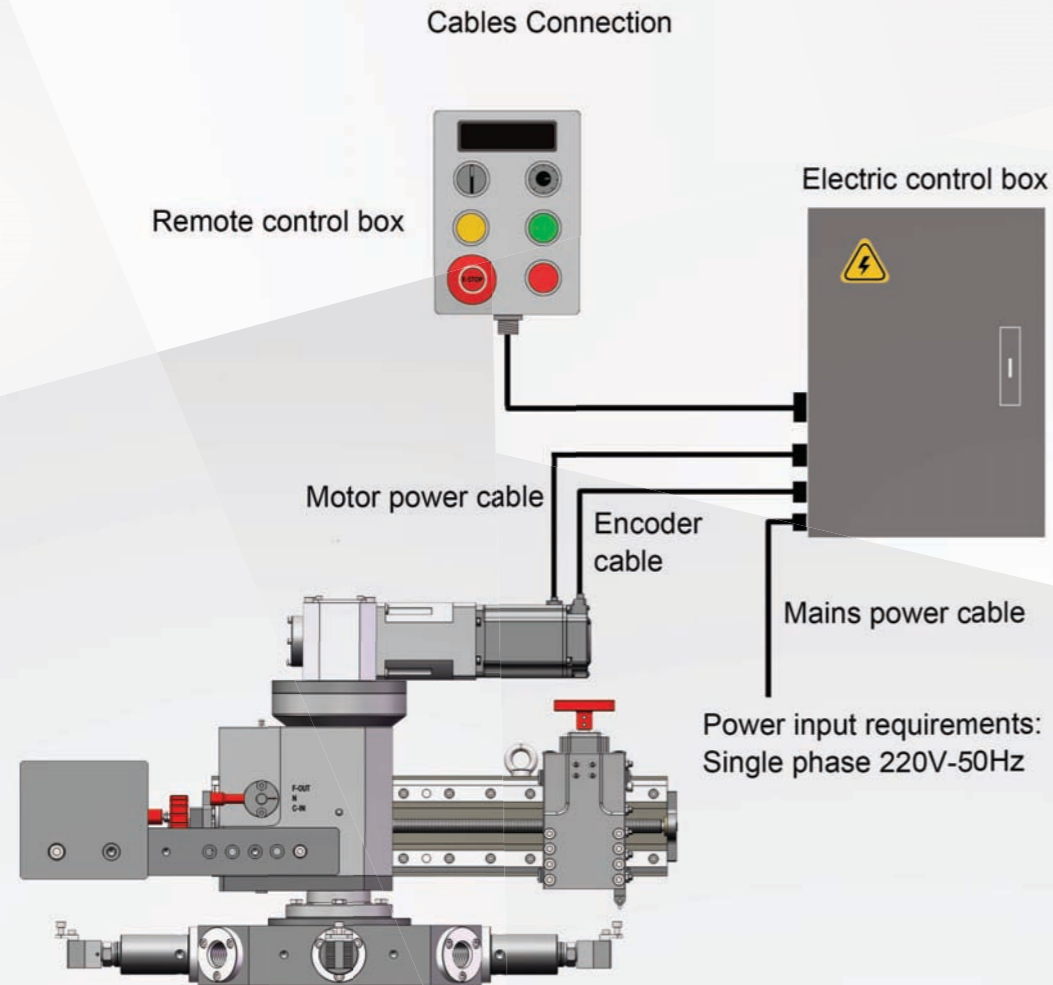
Direction	Gear Shift	Rate(mm/rev)	Rate(Inch/rev)
OUT	F (Fine)	0.125	0.005
IN	C (Coarse)	0.5(ASME B-16.5)	0.02

Dimension Figure

Unit: mm



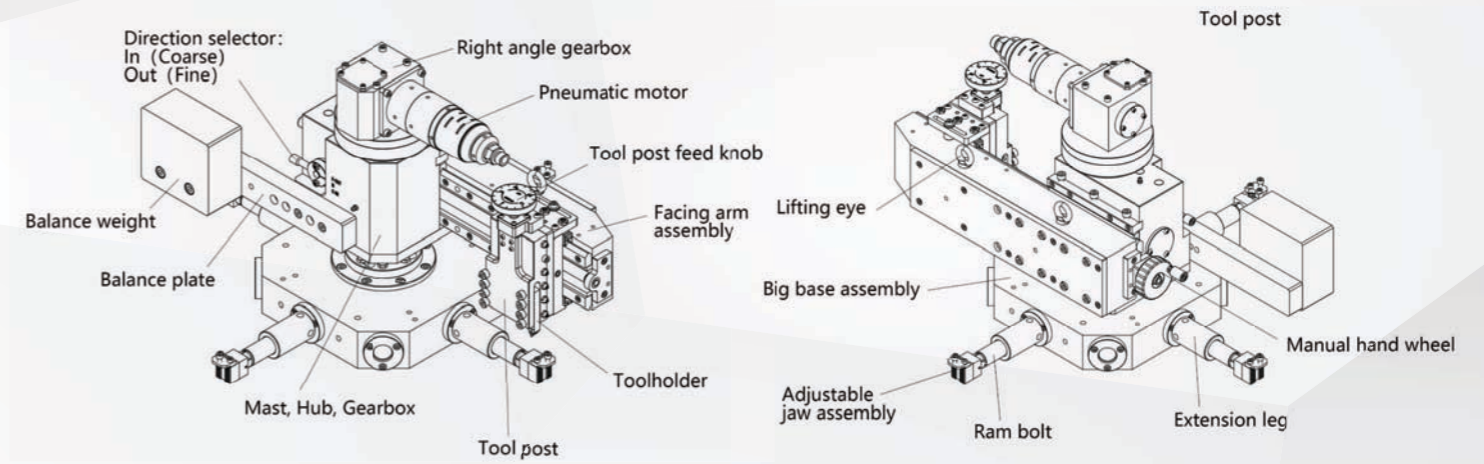
Electric type connection



Standard Supply

Main Body-c/w Motor	Full set Clamping Screws
Self-Centering Base	Axial feed mechanism
S-Base	Horizontal adjustment set
L-Base	Full set hand tool
Tool	Air motor lubricating oil
Extension Tool holder	Air Filter Lubricator-SMC
Cutting tips - 5 pcs	Hose connection
RTJ Tools - 3 pcs	Full set clamps
Counterweight	Dia Gauge
Counterweight plate	Storage / Shipping case
Extension nut	Manual

Configuration



Application

