

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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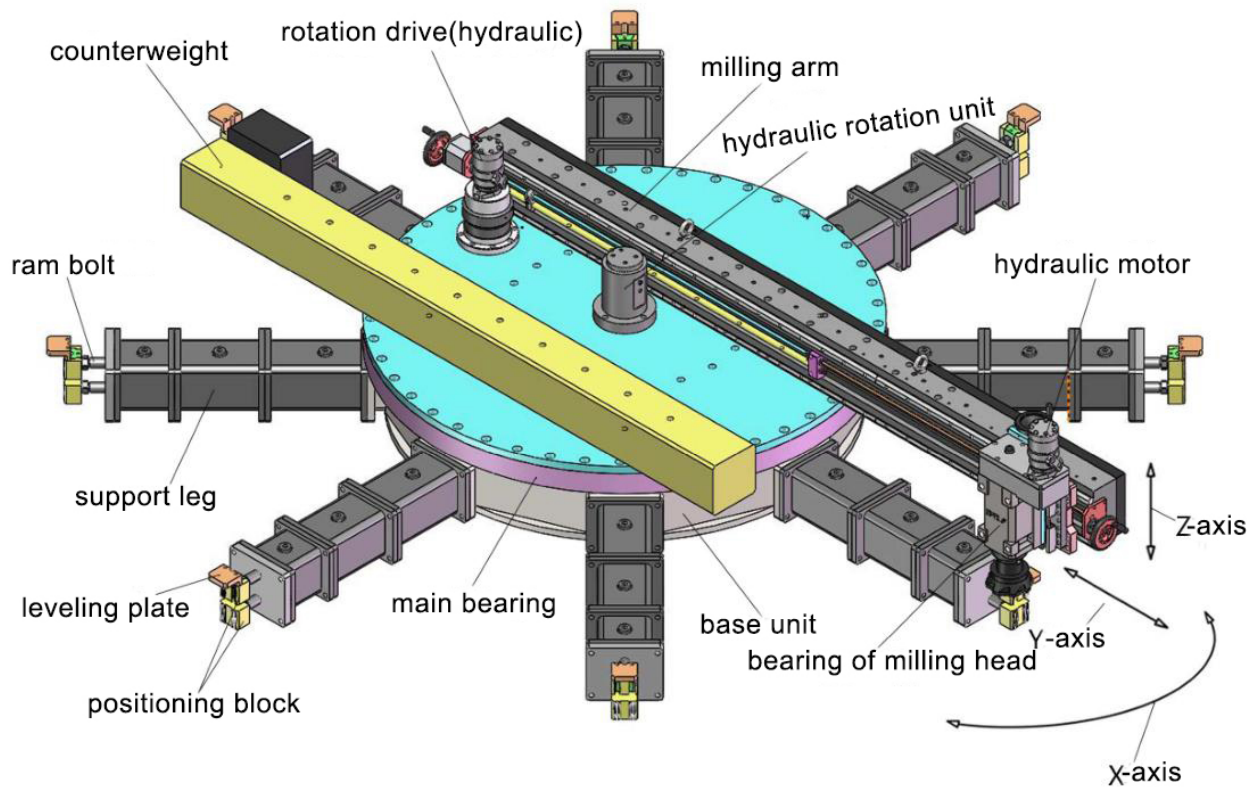
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The Model FX3000 Flange Milling Machine is a compacted ID Mount Circular Milling Machine. It can machine surface, front edge, outer circle, seal groove, etc. Specifically developed for the machining of large flanges, wind turbine rotor blades and wind turbine tower flanges.

The base assembly of the FX3000 is supported by 8 support legs, and each support leg has two support ram bolts to increase the stability. Level adjustments can be accurately made by tightening and loosening opposing adjusting jaws and the bolts in the leveling plate in both radial and vertical directions.

Machine features



The main rotating power of the equipment is provided by the hydraulic motor, which drives the turntable bearing to rotate through the gear ring gear, thereby driving the milling arm to rotate. A milling power head is installed on the milling arm. The milling power is provided by a hydraulic motor. The milling power head can be manually fed in the radial and vertical directions.

- Modular components make setup quick and easy
- Large diameter pre-loaded precision bearing in X-axis provide precision milling within tight tolerances.
- The equipment is equipped with 8 support legs. The square tube structure is supported firmly. Centralization and horizontal adjustments through adjustable bolts, jaws.
- Applicate in many work conditions: Can be used horizontally, vertically, upside down.
- Powerful Hydraulic motor provides infinitely variable rotational speed to meet variable milling speed
- Remote control panel, operate easily and saftily.

SPECIFICATIONS

Technical Details		
1	ID Mounting Diamenter	Φ1066.8~Φ2794mm (42-110")
2	Milling Diameter	Φ1143-Φ3048mm (45-120")
3	Rotational drive	hydraulic
4	Rotational speed of Milling Arm	0-10 rpm
5	Tool Post Travel	One stroke 85mm,total 170mm
6	Installation Form	Internal mount, Level, Vertical & upside down
7	Milling Feed	Y-axis, Z-axis Manual
8	Roughness	≤Ra1.6
9	Flatness	≤0.1mm
10	Hydraulic Station	Dual output hydraulic system 15Kw, 380V, 50HZ, with 18m Hydraulic hoses

Packing Detail			
1	Machine Mainbody	1 Set	
2	Milling Arm Assembly	1 Set	
3	Milling Head Assembly	1 Set	
4	Counterweigh	1 Set	
5	Base Assembly(Φ42~Φ110")	1 Set	
6	Hydraulic Station	1 Set	
7	Remote Control Panel	1 Set	1 control 2 motors
8	Hydraulic Motor	2 Sets	
9	Installation tools	1 Set	
10	Milling cutter Φ160mm	1 Set	Contain 1 box of Cutter blade
11	Dial indicator	1 Set	
12	Bolts	1 Set	
13	Manual	2 PCS	

