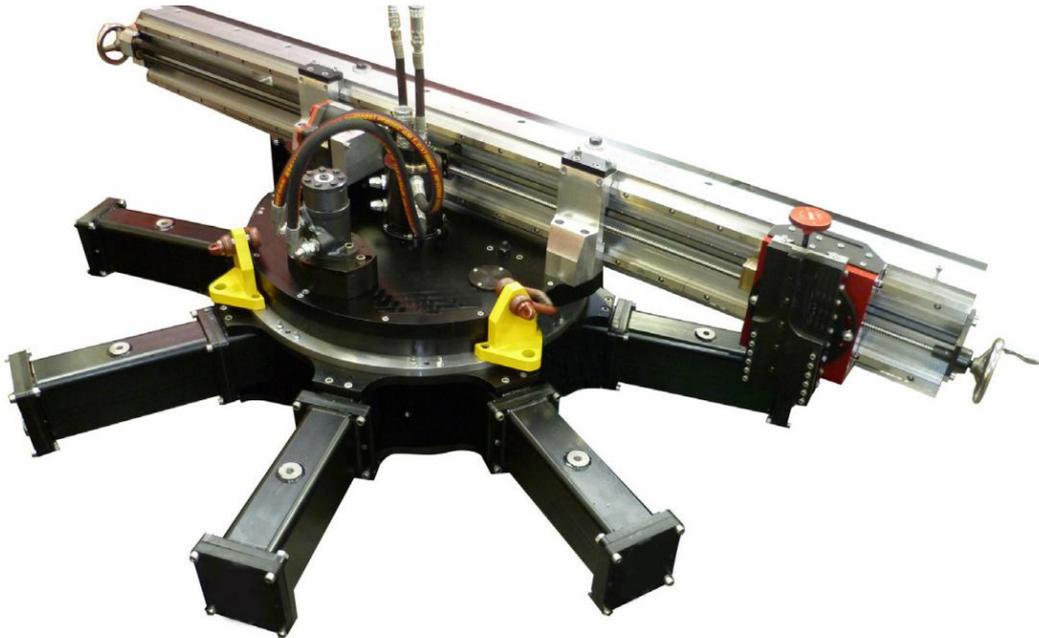




FDG3000 FLANGE FACER

Facing Range: 45 - 120" (1150 - 3050mm)



An internally mounted flange facing machine for all types of flange facing, seal groove machining, weld preparation, counter boring and heat exchanger repair. Optional orbital milling kit available.

Features:

- Latest linear technology incorporated
- Powered tool post through 360 degrees
- 3 continuous groove feed gearbox
- High torque reduction drive

DTH Portable Machinery Tools Solutions

SPECIFICATION

US

Metric

Technical Details		
Facing Diameter:		
Min Facing Diameter	45 inches	1150 mm
Max Facing Diameter	120 inches	3050 mm
ID Mounting Diameter		
Min I.D. Mount	44 inches	1120 mm
Max I.D. Mount	110 inches	2800 mm
Minimum Swing Diameter	103 inches	2615 mm
Stroke:		
Tool Post Travel – (360° swivel)	4 inches	102 mm
R.P.M	Min:3	Max:12
Drive – Hydraulic	3.73 Kw	5.0 Hp
Drive – Pneumatic @ 90 P.S.I (6 bar)	3.0 Kw	4.0 Hp
Hydraulic Requirements @ 70 bar	50 Lpm	10 gal/min
Air Consumption / Supply Required	98 S.C.F.M	2.69 m ³ /min
Approximately Operational Weight	3025 lbs	1375 kg
Approximately Shipping Weight	4125 lbs	1875 kg
Approximately Shipping Dimensions Length x Width x Height	112 x 40 x 30 inches 78 x 45 x 24 inches	2850 x 1000 x 750 mm 2000 x 1150 x 600 mm

DTH Portable Machinery Tools Solutions

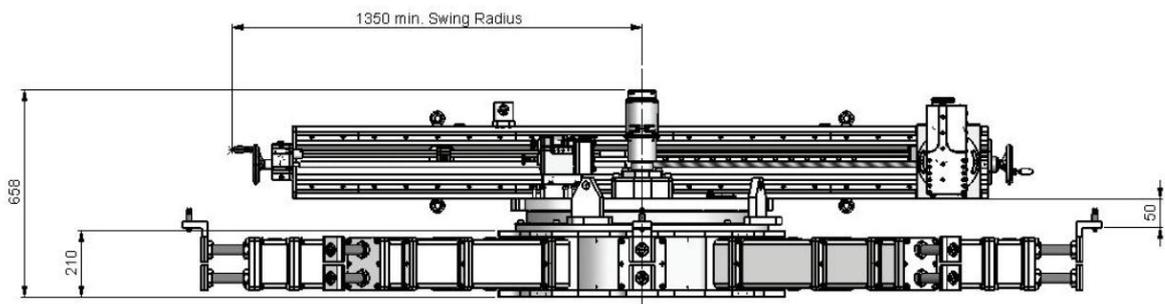
Feed Rates					
Facing Feed Rates (3 off In/Out)					
Direction	Gear	inches/rev	mm/rev	Grooves per inches	Grooves per mm
Out	1	0.005	0.133	191	750
	2	0.008	0.208	122	480
	3	0.020	0.507	50	200
In	1	0.006	0.159	160	630
	2	0.010	0.248	103	410
	3	0.024	0.603	42	170

	inches/rev	mm/rev
Boring Feed Rates (3 off Up/Down)	0.002 – 0.004 – 0.008”	0.05 – 0.10 – 0.20 mm

Benefits:

- High torque drive with only a 60 dB noise level
- Latest linear technology for durability and repeatable accuracy
- Quick set adjustable clamping jaws
- Swivel toolpost for grooves and bevels
- Continuous groove geared facing and boring feeds

OPERATIONAL DIMENSIONS



All dimensions are for reference and may be subject to change without notice. Machine performance is subject to application and operator capability; please discuss your requirements directly with a DTH sales representative. All information given and all sales made by DTH Machines are subject to their terms and conditions, which are available at www.dthmachines.com

DTH Portable Machinery Tools Solutions

TRAINING OPERATION

DTH has been teaching the fundamentals and fine points of portable machine tool operation for practically as long as we've been inventing and building the tools.

At the DTH Global Learning Center situated in our corporate headquarters near Shenzhen, Guangdong, we provide training for machine tool operators on portable machine tool safety, and machine setup and operation.

Trainees also receive technical tips and tools to improve operational efficiencies, with the vast majority of every program devoted to hands-on activities and skill development.

The DTH instructional team includes specialists in shipbuilding, power generation, civil engineering, bridge re-building, petrochemical and other industries.

Whether it's a regularly scheduled course at the Global Learning Center, or custom curriculum conducted at your facility, your machinists will benefit from courses developed by some of the most respected authorities in the business.

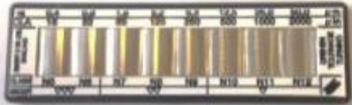
Call us today to register for a regularly scheduled class, or talk to us about how we can customize a training program for your specialized application.



DTH Portable Machinery Tools Solutions



OPTIONAL TOOL CONFIGURATIONS

 <p>2 Years Recommended Spares Kit</p>	 <p>Heat Exchanger Mounting Plate Kit</p>
 <p>Hydraulic Orbital Milling Kit</p>	 <p>Heat Exchanger Back Facing Kit</p>
 <p>18.5 KW, 50LPM pump, 100 BAR</p>	 <p>Surface Comparator – Multi Discipline</p>
 <p>Surface Comparator</p>	 <p>RTJ Measuring Kit</p>
<p>Hydraulic Conversion Kit</p>	

The machine is supplied complete with toolkit including tools and inserts, air filter lubricator and hose connection, all required mounting bases and extensions, storage / shipping box, CE certificate, Packing list and Manual.

DTH Portable Machinery Tools Solutions

APPLICATIONS

Oil, Gas and Chemical

Power Generation

Heavy Equipment

Ship building & repair

Typical applications:

- Piping system flanges
- Valve flanges and bonnet flanges
- Heat exchanger flanges
- Vessel flanges
- Flange faces on piping systems
- Pump housing flanges
- Weld preps
- Tube sheet bundles.
- Bearing mounting bases
- Final drive hubs
- Bull gear faces
- Manufacturing of mining equipment
- Slew rings
- Bearing mounting bases
- Crane pedestal flange.



DTH Portable Machinery Tools Solutions



Mining



Hydro Electric Power



Petrochemical



Wind Power



Offshore Oil Production



Construction Machinery



Nuclear Power



钢铁
Steel Industry



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