



KEY FEATURES

- Precision construction
- 6 continuous groove facing feeds for a gramophone finish (ASME Standard)
- 2 different sized quick set independent bases for improved on-site operation
- Hardened slide ways to maintain long term accuracy
- Swivel tool post for groove details; reduces need for separate accessories

DESCRIPTION

An internally mounted and robust flange facing machine using fixed gears to produce 6 continuous groove gramophone finishes to ASME Standard.

APPLICATIONS

For all types of flange facing, seal grooving, weld preparation and counter-boring.

SPECIFICATION

Min Facing Diameter	610mm (24")
Max Facing Diameter	2032mm (80")
Min Clamping Diameter	604mm (23.75")
Max Clamping Diameter	1830mm (72")
Min Swing Diameter	1535mm (60.5")
Tool Post Travel	102mm (4")
Rpm (max)	16
Standard drive type	Air
Hydraulic option available?	Yes
Number of facing feeds	6
Output	3kw (4 hp)
Air supply needed @ 90psi	2.89m3/min 102.4cfm

FACING FEED RATES & GROOVES PER INCH

Direction	Gear	mm/rev	Inches/rev	Grooves/inch
Out	1	0.133	0.005	191
	2	0.208	0.008	122
	3	0.507	0.02	50
In	1	0.159	0.006	160
	2	0.248	0.01	103
	3	0.603	0.024	42

BORING FEED RATES

Gear	mm/rev	inches/rev
1	0.03	0.00118
2	0.06	0.00236
3	0.15	0.05906

INCLUDED AS STANDARD WITH MACHINE

The machine is supplied complete with the following items;

- ✓ 2 quick set bases
- ✓ All required mounting feet and extensions
- ✓ Toolkit including tools and inserts
- ✓ Air filter lubricator
- ✓ Hose connection
- ✓ Storage / shipping box
- ✓ CE certificate
- ✓ Packing list and manual

SET UP AND OPERATION

The operator must be:

- Trained and conversant with the product
- Able to identify the correct and incorrect use of static or portable machines.
- Comply with all local and internationally recognised safe use of powered machines.



Above: Exploded view of 2 base assemblies provided.

COMPONENT WEIGHTS

Weight (excl base)	365 kg	805 lbs
Max Base Assy Weight	206 kg	454 lbs

SHIPPING WEIGHTS

Box 1 Weight	650 kg	1433 lbs
Box 2 Weight	508 kg	2000 lbs

SHIPPING DIMENSIONS

	Length	Width	Height
Box 1	180cm (71")	90cm (36")	72cm (29")
Box 2	190cm (75")	125cm (49")	57cm (23")

IMPORTANT
PLEASE REVIEW OPTIONS, ACCESSORIES
AND SPARE PARTS ON NEXT PAGES



MM2000i FLANGE FACING MACHINE OPTIONS & ACCESSORIES

SPARES KIT

Part number: MM2000i-SK

Recommended for 2 year use. Kit varies by machine, but typically comprises machine bolts, ram bolts, feed nut screw, feed nut bolt, tool holder, spares kit for Modec motor).



HYDRAULIC CONVERSION KIT

Part number: MM2000i-14

Kit for converting the machine to hydraulic drive.



HEAT EXCHANGER BACK FACING KIT

Part number: MM2000i-26

Kit to enable the machining of flange back faces on tube sheets.



SURFACE COMPARATOR

Part number: RBC0120

A set of roughness specimens in a heavy-duty presentation suited to workshop use



RTJ MEASURING KIT

Part number: RTJM2000

Kit for measuring ring type flange grooves.



HEAT EXCHANGER MOUNTING PLATE KIT

Module to enable the machining of flange back faces on tube sheets.

