



# MM2000i Internal Mount Flange Facing Machine

An internally mounted and robust flange facing machine using fixed gears to produce 6 continuous groove gramophone finishes to ASME Standard. For all types of flange facing, seal grooving, weld preparation and counter boring.

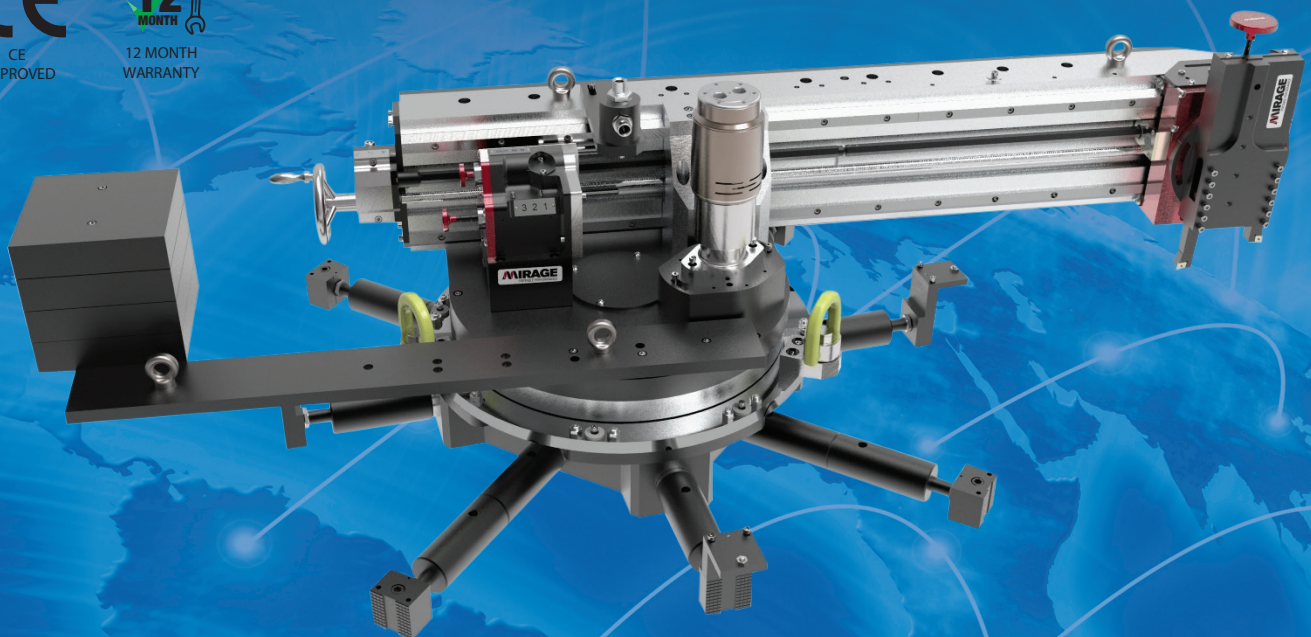
## Features and Benefits

- ✓ 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



## Included as standard with machine

- ✓ 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



# Technical Information

## Specification

<b>Model</b>		<b>MM2000i</b>
<b>Min Facing Diameter</b>	<b>mm</b>	610
	<b>Inch</b>	24
<b>Max Facing Diameter</b>	<b>mm</b>	2032
	<b>Inch</b>	80
<b>Min Clamping Diameter</b>	<b>mm</b>	604
	<b>Inch</b>	23.75
<b>Max Clamping Diameter</b>	<b>mm</b>	1830
	<b>Inch</b>	72
<b>Min Swing Diameter</b>	<b>mm</b>	1535
	<b>Inch</b>	60.5
<b>Tool Post Travel</b>	<b>mm</b>	102
	<b>Inch</b>	4
<b>RPM (max)</b>		16
<b>Standard drive type</b>		Air
<b>Hydraulic Option</b>		Yes
<b>Number of feed settings</b>		6
<b>Output</b>	<b>kw</b>	3
	<b>hp</b>	4
<b>Air supply needed @ 90 psi</b>	<b>m<sup>3</sup>/min</b>	2.89
	<b>cfm</b>	102.4

## Facing feed rates & Grooves per inch

Direction	Gear	mm/rev	Inches/rev	grooves/inch
<b>Out</b>	1	0.133	0.005	191
	2	0.208	0.008	122
	3	0.507	0.020	50
<b>In</b>	1	0.159	0.006	160
	2	0.248	0.010	103
	3	0.603	0.024	42

## Boring feed rates

Gear	mm/rev	Inches/rev
<b>1</b>	0.03	0.00118
<b>2</b>	0.06	0.00236
<b>3</b>	0.15	0.05906

## Machine Weight

	Kg	lbs
<b>Machine weight (excl. base)</b>	365	805
<b>Max base assembly weight</b>	206	454

## Dimensions

	<b>Shipping Info</b>							
	<b>Length</b>		<b>Width</b>		<b>Height</b>		<b>Weight</b>	
	cm	Inch	cm	Inch	cm	Inch	Kg	lbs
<b>Box 1</b>	180	71	90	36	72	29	650	1433
<b>Box 2</b>	190	75	125	49	57	23	508	2000

PLEASE NOTE: Figures provided are for guidance only, please refer to individual tool charts. All data is given in good faith and without acceptance of responsibility on the part of HTL.

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