

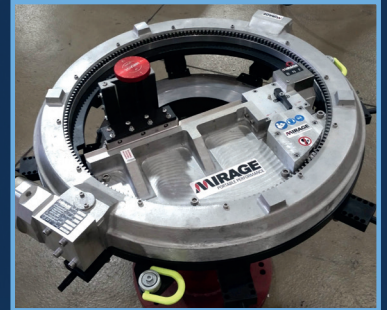


# MM600e External Mount Flange Facing Machine

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

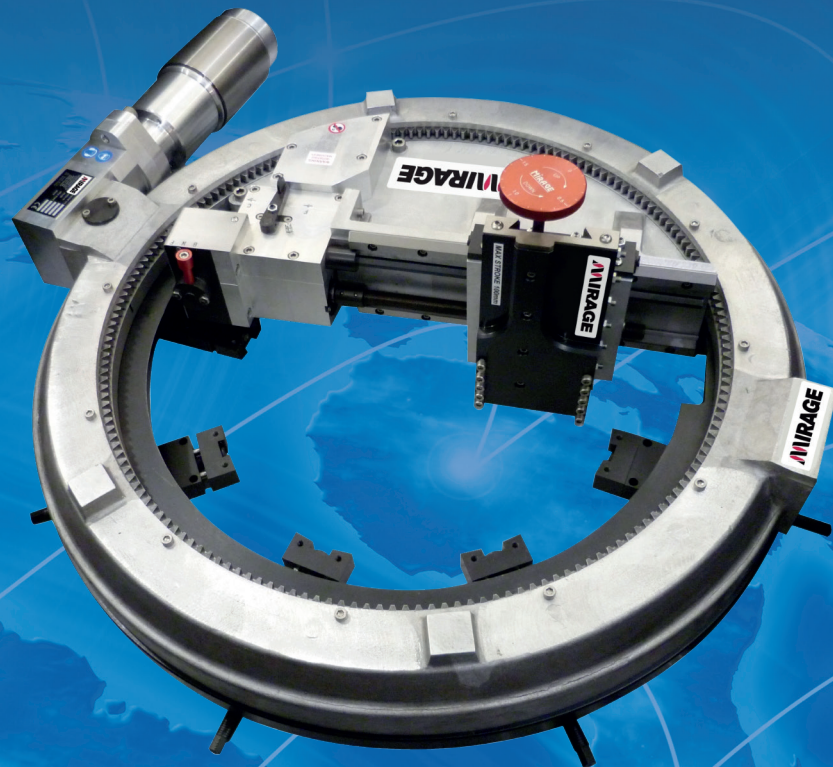
## Features and Benefits

- ✓ Precision construction
- ✓ Preloaded cross roller drive, ensuring robust, repeatable machining
- ✓ Geared continuous groove facing feeds for a gramophone finish (ASME Standard)
- ✓ Additional leadscrew available for alternative finish
- ✓ Hardened slide ways, to maintain long term accuracy
- ✓ Quick-set integrated clamping jaws
- ✓ Swivel tool post for groove machining
- ✓ Auto-axial boring feed



## Included as standard with machine

- ✓ Toolkit including tools and inserts
- ✓ Air filter lubricator
- ✓ 1 lead screw
- ✓ Hose connection
- ✓ All required mounting clamps
- ✓ Storage / shipping box
- ✓ CE certificate
- ✓ Packing list and manual



# Technical Information

## Specification

<b>Model</b>		<b>MM3000i</b>
<b>Min Facing Diameter</b>	<b>mm</b>	0
	<b>Inch</b>	0
<b>Max Facing Diameter (with supplied tooling)</b>	<b>mm</b>	610
	<b>Inch</b>	24
<b>Clamping Range</b>	<b>mm</b>	310 - 610
	<b>Inch</b>	12.25 - 24
<b>Tool Post Travel</b>	<b>mm</b>	102
	<b>Inch</b>	4
<b>RPM (max)</b>		18
<b>Standard drive type</b>		Air
<b>Number of feed settings</b>		2 (Coarse: in - Fine: out)
<b>Output</b>	<b>kw</b>	3.0
	<b>hp</b>	4
<b>Air supply needed @ 90 psi</b>	<b>m<sup>3</sup>/min</b>	1.42
	<b>cfm</b>	50

## Facing feed rates & Grooves per inch

Direction	Finish	mm/rev	Inches/rev	grooves/inch
<b>1.75 pitch feed screw*</b>	Fine	0.275	0.011	93
	Coarse	1.550	0.022	46
<b>1.25 pitch feed screw**</b>	Fine	0.200	0.008	130
	Coarse	0.390	0.015	65

\*supplied \*\*optional

## Boring feed rates

Finish	mm/rev	inches/rev
<b>Fine</b>	0.180	0.007
<b>Coarse</b>	0.360	0.015

## Machine Weight

	Kg	lbs
<b>Weight</b>	143	315

## Dimensions

	Shipping Info							
	Length		Width		Height		Weight	
	cm	Inch	cm	Inch	cm	Inch	Kg	lbs
<b>1 Box</b>	98	39	96	38	44	18	193	426

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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