

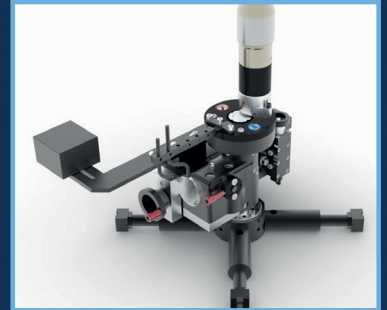


# MM305i Internal Mount Flange Facing Machine

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

## Features and Benefits

- ✓ Lightweight, precision construction
- ✓ Geared continuous groove facing feeds for a gramophone finish (ASME Standard)
- ✓ Striker/kick boring feed
- ✓ Quick set independent base for improved on-site operation
- ✓ Hydraulic drive available as optional extra
- ✓ Hardened slide ways to maintain long term accuracy
- ✓ Swivel tool post for groove details included; no requirement for separate accessories



## Included as standard with machine

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



# Technical Information

## Specification

<b>Model</b>		<b>MM305i</b>
<b>Min Facing Diameter</b>	<b>mm</b>	50
	<b>Inch</b>	2
<b>Max Facing Diameter</b>	<b>mm</b>	305
	<b>Inch</b>	12
<b>Small 3 Jaw Base Clamping Range</b>	<b>mm</b>	50 - 122
	<b>Inch</b>	2 - 4.8
<b>4 Jaw Base Clamping Range</b>	<b>mm</b>	120 - 305
	<b>Inch</b>	4.7 - 12
<b>Min Swing Diameter</b>	<b>mm</b>	390
	<b>Inch</b>	15.4
<b>Tool Post Travel</b>	<b>mm</b>	40
	<b>Inch</b>	1.6
<b>RPM (max)</b>		80
<b>Standard drive type</b>		Air
<b>Hydraulic Option</b>		On request
<b>Number of feed settings</b>		2
<b>Output</b>	<b>kw</b>	0.82
	<b>hp</b>	1.1
	<b>m<sup>3</sup>/min</b>	1.42
<b>Air supply needed @ 90 psi</b>	<b>cfm</b>	50

## Facing feed rates & Grooves per inch

	<b>Finish</b>	<b>mm/rev</b>	<b>Inches/rev</b>	<b>grooves/inch</b>
<b>1.0mm pitch feed screw*</b>	Fine	0.114	0.004	224
	Coarse	0.455	0.018	56
<b>1.25mm pitch feed screw**</b>	Fine	0.142	0.006	179
	Coarse	0.568	0.022	45
<b>1.75mm pitch feed screw**</b>	Fine	0.199	0.008	128
	Coarse	0.795	0.031	32

\*optional \*\*supplied

## Machine Weight

	<b>Kg</b>	<b>lbs</b>
<b>Machine weight (excl. base)</b>	16	36
<b>Max base assembly weight</b>	8	18

## Dimensions

	<b>Shipping Info</b>							
	<b>Length</b>		<b>Width</b>		<b>Height</b>		<b>Weight</b>	
	<b>cm</b>	<b>Inch</b>	<b>cm</b>	<b>Inch</b>	<b>cm</b>	<b>Inch</b>	<b>Kg</b>	<b>lbs</b>
<b>MM305i</b>	68	26.7	45	17.7	37	14.6	60	133

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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