



MM1500i 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)
- ✓ 3 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

- ✓ 3 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

Model		MM1500i
Min Facing Diameter	mm	305
	Inch	12
Max Facing Diameter	mm	1500
	Inch	60
Clamping Range	mm	290
	Inch	11.4
Max Clamping Diameter	mm	1400
	Inch	55
Min Swing Diameter	mm	1200
	Inch	47.3
Tool Post Travel	mm	102
	Inch	4
RPM (max)		20
Standard drive type		Air
Hydraulic Option		Yes
Number of feed settings		6
Output	kw	3
	hp	4
Air supply needed @ 90 psi	m³/min	2.89
	cfm	102.4

Facing feed rates & Grooves per inch

Direction	Gear	mm/rev	Inches/rev	grooves/inch
Out	1	0.130	0.005	195
	2	0.203	0.008	125
	3	0.494	0.019	51
In	1	0.155	0.006	164
	2	0.241	0.009	105
	3	0.588	0.023	43

Boring feed rates

3 off up/ down	mm/rev	Inches/rev
Out	0.02	0.000787
	0.045	0.001772
	0.12	0.004724
In	0.04	0.001575
	0.06	0.002362
	0.13	0.005118

Machine Weight

	Kg	lbs
Machine weight (excl. base)	155	342
Max base assembly weight	67	148

Dimensions

Shipping Info							
Length		Width		Height		Weight	
cm	Inch	cm	Inch	cm	Inch	Kg	lbs
122	48	62	24.4	82	32.3	500	1102

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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