

2-12" (50 x 305mm)

An internally mounted, lightweight and robust flange facing machine for all types of flange facing, seal grooving, weld preparation and counter boring.



- Lightweight, precision construction to optimise on-site performance
- Geared continuous groove facing feeds for a gramophone finish (ASME Standard)
- Striker boring feeds, to complete a full range of application machining
- Quick set independent base for improved on-site operation
- Hardened slide ways to maintain long term accuracy

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Swivel tool post for groove details included; no requirement for separate accessories

The MM305i machine is supplied complete with toolkit including tools and inserts, air filter lubricator and hose connection, all required mounting feet and extensions, storage / shipping box, CE certificate, packing list and manual.

out notice. Machine performance is subject to application and operator capability; please discuss your requirements directly with a Mirage sales representativ





Technical Details			
Minimum Facing Diameter	50mm	2″	
Maximum Facing Diameter	305mm	12"	
Minimum Clamping Diameter	50mm	2″	
Maximum Clamping Diameter	230mm	9″	
Tool Post Travel	50mm	2″	
R.P.M	Min: 0	Max: 42	
Drive – Pneumatic @ 90 P.S.I (6 bar)	0.8Kw	1.1Hp	
Air Consumption / Supply Required	1.6 m³/min	56 S.C.F.M	

Facing Feed Rates

racing reed rates							
	mm/rev	inches/rev	grooves per cm	grooves per inch			
1.0mm pitch feed screw (optional)							
Fine	0.114	0.004	88	224			
Coarse	0.455	0.018	22	56			
1.25mm pitch feed screw (standard)							
Fine	0.142	0.006	70	179			
Coarse	0.568	0.022	18	45			
1.75mm pitch feed screw (standard)							
Fine	0.199	0.008	50	128			
Coarse	0.795	0.031	13	32			

Weights		
Machine Weight (Independent of Base)	15kg	33lbs
Shipping Weight	59kg	130lbs

Shipping Dimensions							
Length Width		Width		Height			
mm	inches	mm	inches	mm	inches		
650	25	450	18	430	17		



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Optional Accessories



MM610i-SK 2 years Recommended Spares Kit



RBCO130 Surface Comparator – Multi Discipline



RBC0120 Surface Comparator

MM500i-11 1.5" Collet Base Assembly

MM500i-14 End Shaft Turning Kit

MM610i-LRK Lens Ring Machining Kit

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