



BED MILLING MACHINE

AJMBM 720-2000



Machine Tool Exporters to the World since 1940

BED MILLING MACHINE

**AJMBM 720/750/800
1000/1300/1600/2000**

The Ajax range of MBM bed milling machine is designed to fill the hole between the machining centre and the tool room mill. The turret style head gives the ability to be able to incline the head to drill and tap holes at an angle it will also mill flats on an angle and drill fine 1mm holes with ease. So any toolroom or jobbing shop needs to have the universality of this type of machine. The main construction is of strong ribbed cast iron with hardened & ground solid box ways with Turcite B giving a smooth running on, all of these features give the classic solid construction.



AJMBM 720

MODEL	AJMBM 720	AJMBM 750	AJMBM 800	AJMBM 1000	AJMBM 1300	AJMBM 1600	AJMBM 2000
Working Surface (mm)	1,245 x 230	1,270 x 320	1,270 x 320	1,270 x 400	1,500 x 400	1,900 x 700	2,300 x 700
Max Weight on Table (Kg)	400	500	500	700	700	1,000	1,400
RANGE OF TABLES							
Longitudal (mm)	720	750	800	1,000	1,300	1,600	2,000
Cross (mm)	380	420	500	500	500	800	800
Vertical (mm)	500	500	500	500	500	635	630
SPINDLE							
Max Distance Spindle to Table (mm)	630	630	630	670	670	805	820
Min Distance Spindle to Table (mm)	100	100	100	100	100	170	170
Distance Spindle to Column (mm)	490	470	470	540	540	850	850
Quill Traverse (mm)	127	127	127	127	127	127	140
Main Spindle Taper	ISO.40	ISO.40	ISO.40	ISO.40	ISO.40	ISO.40	ISO.40
Speed Range	Variable	Variable	Variable	Variable	Variable	Variable	Variable
Variable Speed Head (rpm)	50-3,800	50-3,800	50-3,800	50-3,800	50-3,800	50-3,800	50-4,200
Number of Feeds	3	3	3	3	3	3	3
Range of Feeds	04/08/16	04/08/16	04/08/16	04/08/16	04/08/16	04/08/16	04/08/16
TABLE FEEDS							
Feeds (mm/min)	0-5,000	0-5,000	0-5,000	0-5,000	0-5,000	0-5,000	0-5,000
Rapid Traverse (mm/min)	6,000	6,000	6,000	6,000	6,000	6,000	6,000
MOTORS							
Spindle Motor Drive	3 Hp	7.5 Hp	7.5 Hp	7.5 Hp	7.5 Hp	7.5 Hp	7.5 Hp
Coolant Pump	0.08 Hp	0.08 Hp	0.08 Hp	0.08 Hp	0.08 Hp	0.08 Hp	0.08 Hp
Lubrication pump	80W	80W	80W	80W	80W	0.37 KW	80W
Feeds	4.5 NM	4.5 NM	4.5 NM	4.5 NW	4.5 NM	7.5 NM	7.5 NM
WEIGHTS							
Net Weight	1,750 kg	2,500 kg	3,500 kg	3,700 kg	3,900 kg	6,300 kg	6,450 kg
Gross Weight	2,250 kg	2,750 kg	3,750 kg	3,950 kg	4,420 kg	6,800 kg	7,000 kg
SIZES							
Size (mm)	1,700 x 1,460	1,900 x 2,080	1,900 x 2,080				
Height (mm)	2,250	2,500	2,500	2,500	2,750		

TECHNICAL SPECIFICATIONS



AJMBM 1600



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