



# INTERACTIVE CNC BED MILLING MACHINE

**AJCBM 720-1600**



Machine Tool Exporters to the World since 1940

# INTERACTIVE CNC BED MILLING MACHINE

**AJCBM 720/750/800  
1000/1300/1600**

The Ajax range of CBM CNC bed milling machine is designed to fill the hole between the machining centre and the tool room mill. With all the advantages of a full CNC machining center it can mill, drill, bore and tap without the confines of the fully enclosed cabinet. 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.



**AJCBM 720**  
**Fagor control**



**AJCBM 720**  
**Heidenhain control**

MODEL	AJCBM 720	AJCBM 750	AJCBM 800	AJCBM 1000	AJCBM 1300	AJCBM 1600
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
Max Weight on Table (Kg)	400	500	500	700	700	1,000

RANGE OF TABLES						
Longitudal (mm)	720	750	800	1,000	1,300	1,600
Cross (mm)	380	420	500	500	500	800
Vertical (mm)	500	500	500	500	500	635

SPINDLE						
Max Distance Spindle to Table (mm)	630	630	630	670	670	805
Min Distance Spindle to Table (mm)	100	100	100	100	100	170
Distance Spindle to Column (mm)	490	470	470	540	540	850
Quill Traverse (mm)	127	127	127	127	127	127
Main Spindle Taper	R8 or ISO.30	ISO.40	ISO.40	ISO.40	ISO.40	ISO.40
Speed Range	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
Number of Feeds	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

TABLE FEEDS						
Feeds (mm/min)	0-5,000	0-5,000	0-5,000	0-5,000	0-5,000	0-5,000
Rapid Traverse (mm/min)	7,500	7,500	7,500	7,500	7,500	7,500

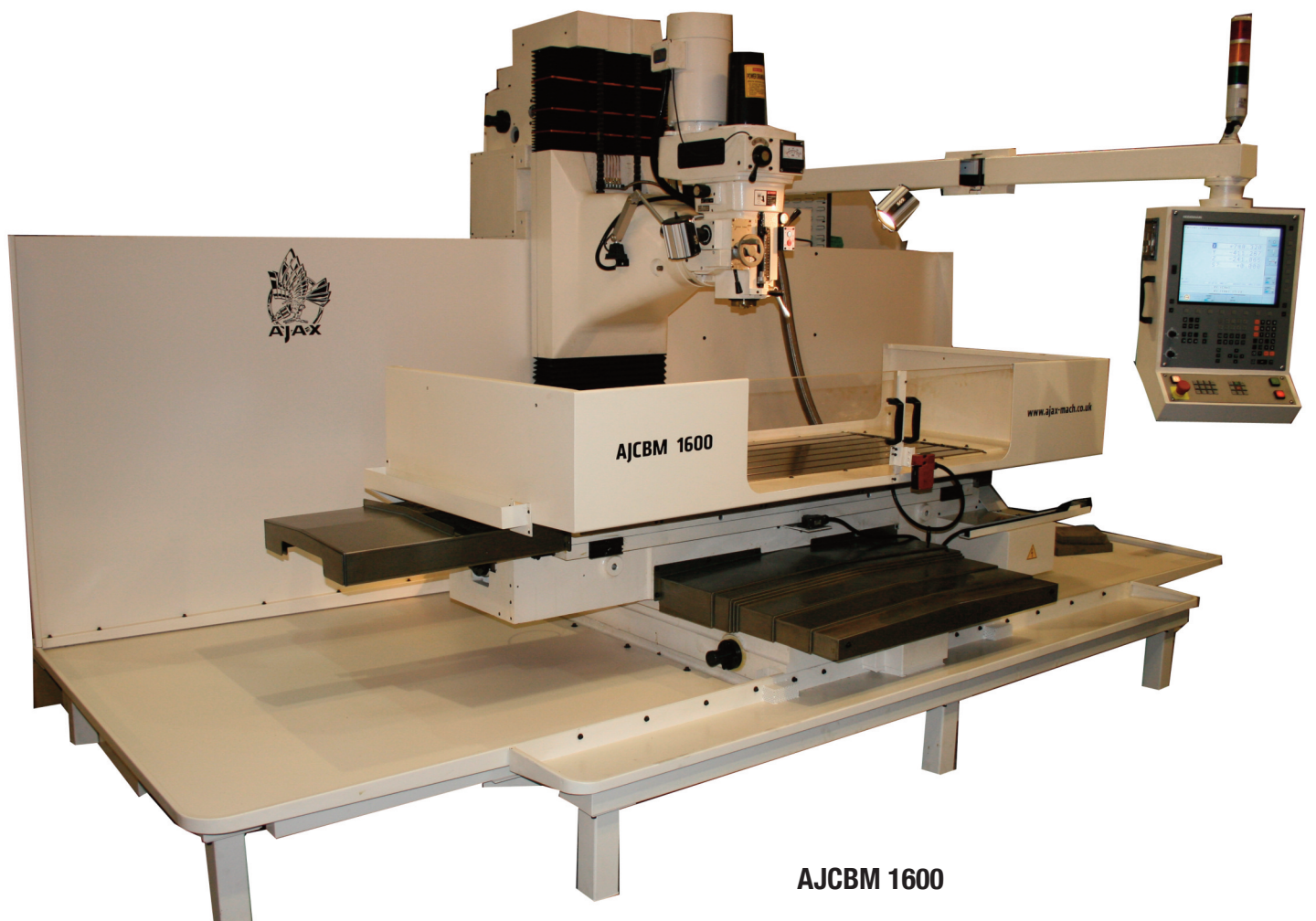
MOTORS						
Spindle Motor Drive	3 Hp	7.5 Hp	7.5 Hp	7.5 Hp	7.5 Hp	10 Hp
Coolant Pump	0.08 Hp	0.08 Hp	0.08 Hp	0.08 Hp	0.08 Hp	0.08 Hp
Lubrication pump	80W	80W	80W	80W	80W	0.37 KW
Feeds	3 NM	4.5 NM	4.5 NM	4.5 NW	4.5 NM	7.5 NM

WEIGHTS						
Net Weight	1,750 kg	2,500 kg	3,500 kg	3,700 kg	3,900 kg	6,300 Kg
Gross Weight	2,250 kg	2,750 kg	3,750 kg	3,950 kg	4,420 kg	6,800 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





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