

Universal Milling Machines

A-SERIES



Ajax Machine Tools

Machine Tool Exporters to the World

▶ ▶ ▶ Universal Milling Machines

THE AJAX UNIVERSAL MILLING MACHINES A-SERIES

The Ajax range of universal milling machines, like their predecessors, are ideal for use in any environment catering to both maintenance and production requirements.

The machines are ergonomically designed, combining the latest design techniques with the highest standard of quality engineering, reliability in service, accuracy and rigidity of machine. The 2A and 4A models have infinitely feeds and speeds enabling the operator to machine a wider variety of more sophisticated materials.



◀ ◀ ◀ ◀ ◀ No 4A. with DRO
consul built into
pendant



No 4A. with
powered over
arm



No 2A. with
Turret Head &
Universal Head

TABLE	No.0A	No.1A	No.2A	NO.4A
Working surface (mm)	1060 x 240	1000 x 225	1250 x 280	1525 x 325
T-Slots, number and size	3 x 14mm	3 x 14mm	3 x 16mm	3 x 16mm
T-Slots centres (mm)	65	65	63	80
Swivel movement	+/- 45deg	+/- 45deg	+/- 45deg	+/- 45deg
Longitudinal range (mm)	560	700	850	1050
Cross range (mm)	260	210	290	330
Vertical range (mm)	420	400	475	475
Distance from centre of spindle to table (mm)	0 - 420	0 - 400	0 - 475	0 - 475
Weight on table (kg)	200	200	300	400

SPINDLE				
Spindle taper	40 ISO	40 ISO	40 ISO	40 ISO
Arbor diameter (mm)	-	22	22	27
Number of speeds	8	12	Continuously Variable	Continuously Variable
Speed range (rpm) of spindle to table (mm)	70 - 1225	50 - 1700	35 - 1800	35 - 1800

FEEDS				
Number of feeds	8	8	Continuously Variable	Continuously Variable
Longitudinal (mm/min)	18 - 550	18 - 550	0 - 1300	20 - 1300
Cross (mm/min)	Manual	18 - 550	0 - 1300	20 - 1300
Vertical (mm/min)	Manual	Manual	0 - 390	6 - 390
Rapids longitudinal (mm/min)	800	800	2500	2050
Rapid cross (mm/min)	Manual	800	2500	2050
Rapid vertical (mm/min)	Manual	Manual	750	615

MOTORS				
Spindle drive motor	3 Hp (2 Kw)	2 Hp (1.5 Kw)	5.5 Hp (4 Kw)	7.5 Hp (5.5 Kw)
Feed motor	1 Hp (0.75 Kw)	0.75 Hp (0.55 Kw)	2 Hp (1.5 Kw)	2.5 Hp (1.8 Kw)
Coolant motor	0.12 Hp (0.1 Kw)	0.12 Hp (0.1 Kw)	0.12 Hp (0.1 Kw)	0.12 Hp (0.1 Kw)

WEIGHT AND DIMENSIONS				
Floor space (mm)	1365 x 1180	2005 x 1485	2744 x 2049	3460 x 2485
Nett weight (kg)	1100	950	1800	2600
Gross weight (kg)	1250	1150	2100	2950

OPTIONAL EXTRAS

- ◆ Universal Milling head (all models)
- ◆ Universal Milling head with quill feed (2A-4A). 40 ISO.
- ◆ Motorised power overarm with universal milling head. 40 ISO (4A)
- ◆ Slotting Head
- ◆ Turret milling head on overarm (2A-4A)
- ◆ Power draw bar
- ◆ 2 or 3 axis Acu-rite VUE or S300 digital read-out systems
- ◆ Clamping Kit
- ◆ Machine vices 100, 150 or 200mm
- ◆ Dividing head
- ◆ Rack milling attachment
- ◆ Rotary table
- ◆ Gear hobbing attachment
- ◆ Collet holder with collets

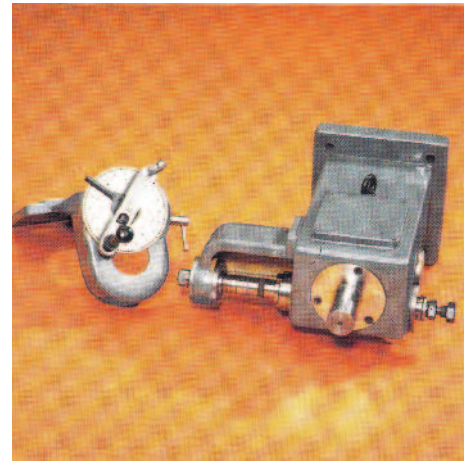




Slotting attachment with adjustable travel to 110mm stroke



Dividing head, centre height all models 125mm



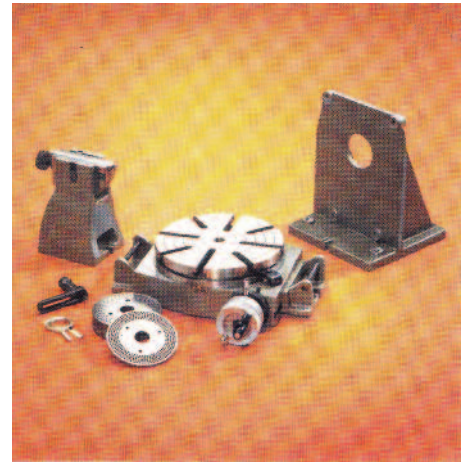
Rack cutting attachment



Gear hobbing attachment



Collet sets available



Rotary tables available in three sizes, 250mm, 305mm, 355mm diameter which can be mounted horizontally or vertically.

ACCESSORIES



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