

Turret Milling Machines

AJT Range



Ajax Machine Tools

Machine Tool Exporters to the World

▶▶▶▶▶ Turret Milling Machines

AJT Range

The Ajax range of Turret milling machines, like their predecessors, are ideal for use in schools, technical colleges and engineering workshops 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 entire range includes infinitely variable speeds enabling the operator to machine wider variety of more sophisticated materials.



AJT 200

- Chrome dovetail slideways
- Servo power feed to x-axis
- One shot lubrication
- Spindle guard
- Swarf tray
- Coolant system
- Toolbox and manual
- 3hp main motor
- CE mark

AJT 300

- Hardened and ground square slideways with turcite anti friction material
- Servo power feed to x-axis
- Wide knee for table support
- One shot lubrication
- Spindle guard
- Swarf tray
- Coolant system
- Toolbox and manual
- 3hp main motor
- CE mark

AJT 400

- Hardened and ground square slideways with turcite anti friction material
- Servo power feed to x-axis
- Wide knee for table support
- One shot lubrication
- Spindle guard
- Swarf tray
- Coolant system
- Toolbox and manual
- 5hp main motor
- Power elevation to knee
- CE mark

AJT 500 SUPER

- Hardened and ground square slideways with turcite anti friction material
- Wide knee for table support
- Fully automatic lubrication
- Spindle guard
- Swarf tray
- Pendant control
- Coolant system
- Toolbox and manual
- Gearbox feeds to x-axis
- 5hp main motor
- Power elevation to knee
- Y Axis power feed
- CE mark

main features



MODEL	AJT 200	AJT 300	AJT 400	AJT 500
Working surface (mm)	1067 x 230	1270 x 254	1270 x 254	1425 x 254
Tee - Slots, number & size (mm)	3 x 16	3 x 16	3 x 16	3 x 16
Tee - slot centres (mm)	63	63	63	63
Long travel (mm)	736 Manual 660 Feed	770 Manual 700 Feed	770 Manual 650 Feed	930 Manual 900 Feed
Cross travel (mm)	305 Manual 305 Feed (Opt)	400 Manual 400 Feed (Opt)	400 Manual 400 Feed (Opt)	400 Manual 400 feed
Vertical travel (mm)	406	350	350 power	440 power
Distance spindle nose to table (mm)	57 - 463	40 - 446	40 - 430	100 - 500
Distance spindle centre to column (mm)	213 - 533	200 - 680	110 - 580	350 - 820
Overarm travel (mm)	320	530	470	475

SPINDLE

Quill feeds	0.04 / 0.08 / 0.15mm/rev	0.04 / 0.08 / 0.15mm/re	0.04 / 0.08 / 0.15mm/rev	0.04 / 0.08 / 0.15mm/rev
Quill travel (mm)	127	127	127	127
Spindle taper	R8	R8	40 ISO	40 ISO
Speed range	50 - 3750 Rpm Variable	50 - 3750 Rpm Variable	50 - 3750 Rpm Variable	50 - 3750 Rpm Variable
Motor power	3 Hp (2.2 kW)	3 Hp (2.2 kW)	5 Hp (3.7 kW)	5 Hp (3.7 kW)

SWIVEL

Swivel angle left to right	+/- 90 °	+/- 90 °	+/- 90 °	+/- 90 °
Swivel angle front to back	+/- 45 °	+/- 45 °	0	+/- 45 °
Ram swivel	360 °	360 °	360 °	360 °

WEIGHT AND DIMENSIONS

Machine dimensions (mm)	1450 x 1400 x 2100	1650 x 1750 x 2130	1680 x 1450 x 2280	2000 x 1700 x 2400
Weight (kg)	1150	1250	1500	1800

OPTIONAL EXTRAS (ALL MACHINES)

- Servo-type power feed in y-axis
- 2 or 3 axis ACU-RITE digital readout
- 52 piece clamping kit
- 100,150,200mm machine vices
- Collet holder with collets
- Tooling packages
- Stand on coolant tray
- Halogen work light
- Power drawbar
- Slotting head
- Dividing head
- Rotary table





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