



TURRET MILLING MACHINES

AJT 200/300/400/500



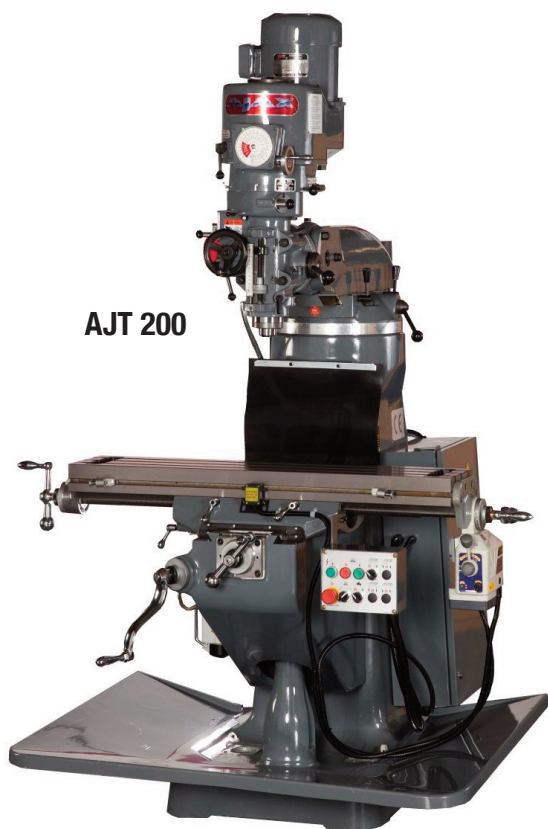
Machine Tool Exporters to the World since 1940

TURRET MILLING MACHINES

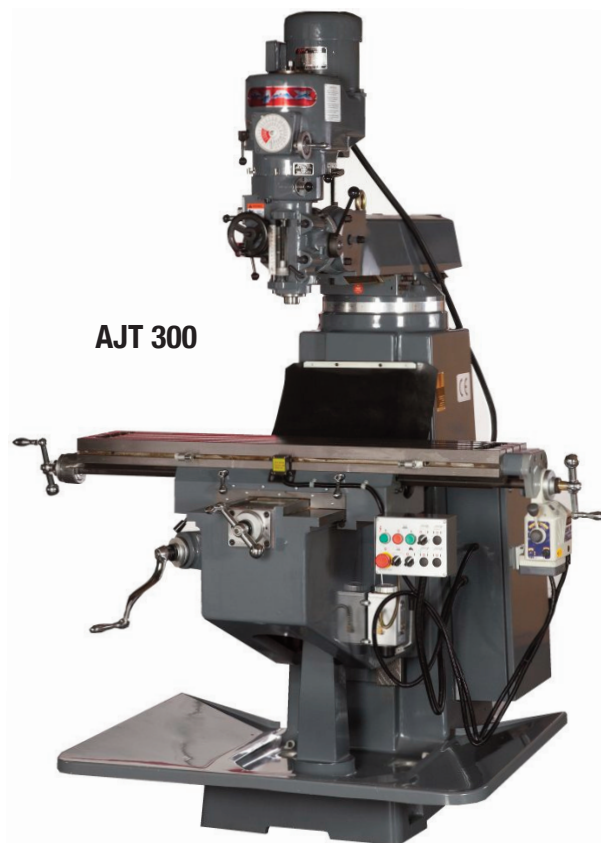
AJT
200/300/400/500

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



AJT 300

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

- 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

MODEL	AJT 200	AJT 300	AJT 400	AJT 500
Working Surface (mm)	1,270 x 230	1,270 x 254	1,270 x 254	1,425 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)	880 Manual 760 Feed	800 Manual 730 Feed	800 Manual 730 Feed	960 Manual 900 Feed
Cross Travel (mm)	320 Manual 305 Feed (opt)	430 Manual 400 Feed (opt)	430 Manual 400 Feed (opt)	470 Manual 430 feed
Vertical Travel (mm)	400	400	400 power	475 power
Distance Spindle Nose to Table (mm)	57 - 463	45 - 435	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/rev	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 - 3,750 Rpm Variable	50 - 3,750 Rpm Variable	50 - 3,750 Rpm Variable	50 - 3,750 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)	1,450 x 1,400 x 2,100	1,650 x 1,750 x 2,130	1,680 x 1,450 x 2,280	2,000 x 1,700 x 2,400
Weight (kg)	1,150	1,250	1,500	1,800

TECHNICAL SPECIFICATIONS



AJT 400



AJT 500

OPTIONAL EXTRAS (ALL MACHINES)

- Servo-type power feed in y-axis
- 2 or 3 axis HEIDENHAIN, ACU-RITE or NEWALL 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

Ajax Machine Tools International Ltd
Unit 360, Ampress Lane, Ampress Park,
Lymington, Hampshire, UK SO41 8JX

Telephone: +44 (0)1590 676000 Fax: +44 (0)1590 676001
sales@ajax-mach.co.uk www.ajax-mach.co.uk

