



TURRET MILLING MACHINES

AJT 200S/300S/400S/500S



Machine Tool Exporters to the World since 1940

TURRET MILLING MACHINES

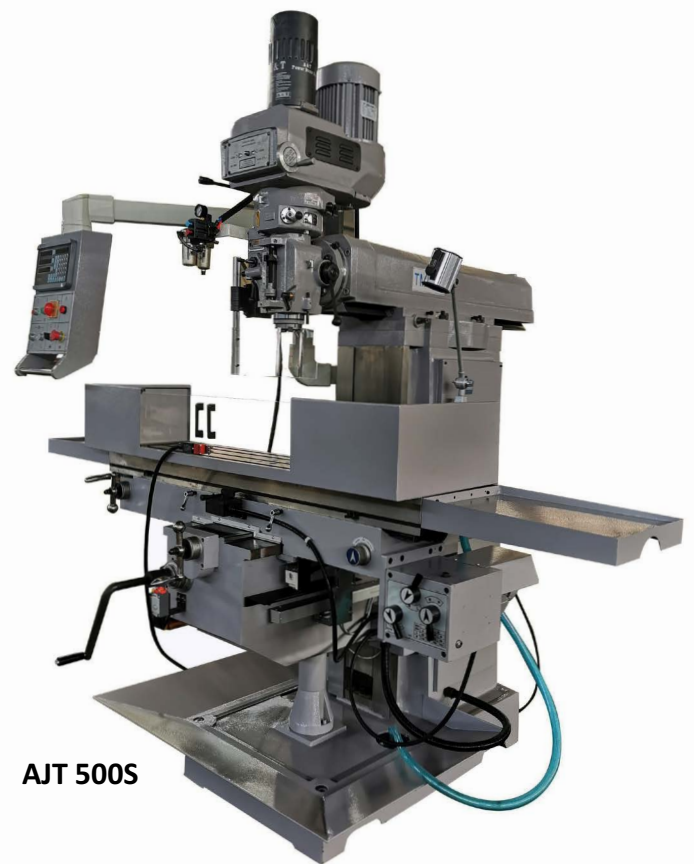
AJT 200S/300S/ 400S/500S

The Ajax range of vertical turret milling machines, like their predecessors, are ideal for use in schools, technical colleges and engineering workshops. Catering to both maintenance and production requirements. Supplied with fully interlocked swing away guard linked to a braked motor making these machines very safe. The AJT200 & 300 have universally tilting heads that will tilt from 90 degrees to the left to 90 degrees to the right while also tilting front to back.

These machines are ergonomically designed, combining the latest design techniques with the highest standard of quality and engineering. Their reliability in service, accuracy and rigidity are important features of these machines. All our range includes infinitely variable spindle speeds enabling the operator to machine wider variety of more sophisticated materials.



AJT 200S



AJT 500S

AJT 200S

- Swing arm type cutter guard
- Electronically controlled Servo Drive to the table to provide Longitudinal feed and rapid traverse
- LED Worklight
- Coolant Pump and fittings
- Safety Guard
- One Shot Lubrication
- Toolkit
- Operating and Spare Parts Manual

AJT 300S

- Swing arm type cutter guard
- Inverter driven spindle motor
- Electronically controlled Servo Drive to the table to provide longitudinal feed and rapid traverse
- Hardened & Ground slides with Turcite B antifriction material fitted to slides
- Coolant Pump and fittings
- One Shot Lubrication
- LED Worklight
- Toolkit
- Operating and Spare Parts Manual

AJT 400S

- Swing arm type cutter guard
- Inverter driven spindle motor
- Electronically controlled Servo Drive to the table to provide longitudinal feed and rapid traverse
- Turcite antifriction material fitted to slides
- Coolant Pump and fittings
- One Shot Lubrication
- LED Worklight
- Toolkit
- Operating and Spare Parts Manual

AJT 500S

- 3 Axis Sino DRO
- Z axis rapid rise & fall
- Mechanical feed to X & Y axis
- Swing arm cutter guard
- Low volt light
- Table guard with interlock
- Hardened & Ground Slides with Turcite B antifriction material fitted to slides
- Coolant pump fittings & tray
- Automatic Lubrication
- LED worklight
- Toolkit
- Operating and Spare Parts Manual

MODEL	AJT 200S	AJT 300S	AJT 400S	AJT 500S
Working surface (mm)	1,066 x 230	1,270 x 254	1,374 x 254	1,370 x 360
Tee - Slots, number & size (mm)	3 x 16	3 x 16	3 x 16	3 x 18
Tee - slot centres (mm)	63	63	63	80
Long travel (mm)	640 Feed	700 Feed	700 Feed	1,000 Feed
Cross travel (mm)	305 Hand 305 Feed (Opt)	400 Hand 400 Feed (Opt)	400 Hand 400 Feed (Opt)	320 Feed
Vertical travel (mm)	406	406	400 power	400 power
Distance spindle nose to table (mm)	57 - 463	40 - 446	40 - 430	60 - 585
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	ISO 40	ISO 40
Speed range	50 - 3,750 Rpm Variable	66 - 3,150 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 Deg	+/- 90 Deg	+/- 90 Deg	+/- 90 Deg
Swivel angle front to back	+/- 45 Deg	+/- 45 Deg	0	0
Ram swivel	360 Deg	360 Deg	360 Deg	360 Deg

WEIGHT AND DIMENSIONS				
Power Supply	415v 3ph	415v 3ph	415v 3ph	415v 3ph
Machine dimensions (cm)	145 x 140 x 210	165 x 175 x 213	168 x 145 x 228	207 x 202 x 235
Weight (kg)	1,100	1,350	1,700	1,950

TECHNICAL SPECIFICATIONS



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

