

CNC Turret Milling Machines



Ajax Machine Tools

Machine Tool Exporters to the World

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The Ajax AJMP MILLPWR range combines what we feel is the best turret mill on the market today with the conversational shop floor programming control. Available in both 2 and 3 axis. Also available with Anilam 3000 CNC control for more complicated applications.

Automatic machining has for years relied upon CNC systems which are often complex to program and require highly skilled operators. MillPwr from ACU-RITE redefines these rules. With its uniquely intuitive user interface, operation is easy, especially for operators with no CNC experience. MillPwr's large 10" LCD screen offers the operator simple but comprehensive information regarding all aspects of the machine and workpiece status. Entering data is easy. Dimensions are simply entered from the drawing following a prompt screen.

Quality graphics assist the operator during and after part construction, verifying the job every step of the way.



FEATURES FOR PRODUCTIVITY

- 2, 2.5 or 3D options
- Full range of drilling cycles including full and partial PCD
- Linear row/column, rectangular frame and array
- Full range of canned cycles including rectangular and circular pockets, frames, islands and bosses, cams, ellipses and spirals
- Contour, mirror, rotate and scale
- 3D contouring
- Import files and geometry from CAD/CAM

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AJMP300



MODEL	AJMP 200- MILLPWR	AJMP 300-MILLPWR	AJMP 400 MILLPWR
Working surface (mm)	1067 x 230	1270 x 254	1270 x 254
Tee - Slots, number & size (mm)	3 x 16	3 x 16	3 x 16
Tee - slot centres (mm)	63	63	63
Long travel (mm)	660	770	725
Cross travel (mm)	285	400	400
Vertical travel (mm)	406	350	350
Distance spindle nose to table (mm)	57 - 463	40 - 446	40 - 446
Distance spindle centre to column (mm)	213 - 533	200 - 680	110 - 580
Overarm travel (mm)	320	525	470

SPINDLE			
Quill feeds	0.04/0.08/0.15mm /rev or CNC	0.04/0.08/0.15mm /rev or CNC	0.04/0.08/0.15mm /rev or CNC
Quill travel (mm)	127 Manual, feed, or CNC	127 Manual, feed, or CNC	127 Manual, feed, or CNC
Spindle taper	R8	R8	40 ISO
Speed range	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)

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

WEIGHT AND DIMENSIONS			
Machine dimentions (mm)	1450 x 1400 x 2100	1650 x 1750 x 2200	1680 x 1750 x 2300
Weight (kg)	1150	1300	1450





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