



AJAX PROTON CNC MILLING MACHINES

**AJPR 220/300/350
400/450**



Machine Tool Exporters to the World since 1940

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This range of Ajax vertical mini CNC milling machine are built to a high quality standard. Only the best products are used, high quality is a must. Available as 3, 4 and 5 axis. Give one of our engineers a call today to discuss your needs.

Our New Proton range of CNC milling machines are designed and aimed at the mini mill market. The entry level AJPR220 has windows on all 3 sides to enable students to see what is going on easier, it has fully enclosed guards to ensure safety at all levels and it keeps the chippings off the floor.



OPTIONS:

All the models are available with 4th axis option as well as vices and collet chucks. We can also offer tooling packages to suit your applications. The AJPR300 is available in 3, 4 or 5 axis versions.

It also is small enough to go through a single door on its own wheels and when you have gone through the door you can plug it into a standard 3 pin plug socket making it so easy to relocate to where you need it. It comes with an industry standard Siemens 808D CNC control system that will contour in 3 axis simultaneously.

So these machines are ideal for the more serious hobby milling machinest, or for training in schools.

MODEL	AJPR220	AJPR300	AJPR350	AJPR400	AJPR450
Table Size (mm)	400 x 140	450 x 160	600 x 163	700 x 210	800 X 260
X Axis (mm)	220	300	350	365	450
Y Axis (mm)	120	175	160	260	320
Z Axis (mm)	200	270	400	455	450
Rapids M/min	5	8	8	10	15

MOTORS

Main Motor Power (Kw)	1.1	1.5	3	3.7	3.7
Tool changer	None	8	8	8, 10 or 12 as an option	8, 10 or 12 as an option
Max Table loading (kg)	75	95	150	200	350
Machine weight (kg)	320	450	900	1,300	2,400
CNC Control	Siemens 808D	GSK1000MC	Siemens 808D	Siemens 808D	Siemens 808D
Motors Servo	AC Servo	AC Servo	AC Servo	AC Servo	AC Servo

SPINDLE

Spindle	ER25	BT30	BT30	BT 30	BT40
Spindle (rpm)	3,000	24,000	24,000	8,000	6 or 8,000
Power Supply	240V 1Ph	240V 1ph	240V 1Ph or 415V 3Ph		240V 1Ph or 415V
Overall Size (mm)	1,250 x 750 x 1,850	1,360 x 990 x 1,800	1,500 x 1,660 x 1,900	1,450 x 1,450 x 2,350	2,100 x 1,800 x 1,960

TECHNICAL SPECIFICATIONS



AJPR350



AJPR350 WITH 4TH AXIS



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