



Chester Pioneer Milling Machine



Model	Pioneer
Table	
Table size	1470 x 370mm
T slot (W x No. x pitch)	18 x 3 x 80mm
Travel	
X x Y x Z - Manual	1130 x 610 x 440mm
X x Y x Z - Auto	1120 x 600 x 420mm
Feed	
Long./min	30-3000 vari. (50/60Hz)
Cross/min	30-3000 vari. (50/60Hz)
Vertical/min	960 (30-1150 vari. Opt.) (50Hz) 1150 (30-1150 vari. Opt.) (60Hz)
Vertical spindle	
Spindle nose	N.S.T. 40
Steps	Inverter vari.
Spindle speed	60-3600rpm (50/60 Hz)
Swivel angle	45° (R & L)
Quill travel	140mm
Quill feeds/rev	0.035/0.07/0.14mm
Spindle nose to table	98-538mm
Spindle centre to column	185-785mm
Cross travel of ram	600mm
Horizontal spindle	
Spindle nose	N.S.T. 50
Spindle speed	60-1440rpm (50Hz), 75-1730rpm (60Hz)
Steps	9
Spindle to bottom of ram	175mm
Spindle centre to table	-8~432mm
Motor	
Vertical spindle	5hp – 4P INV.
Horizontal spindle	7.5hp – 4P
Feed X, Y axes	AC servo 750W
Feed Z axis	1hp – 12P (AC servo 850W OPT.)
Coolant pump	1/8hp – 2P
Size	
Machine (L x W x H)	2070 x 2050 x 2600mm
Net Weight	2700kg

Standard Accessories:

- X Axis Ball Screw + Yaskawa Servo Motor
- Y Axis Ball Screw + Yaskawa Servo Motor
- Z Axis Rapid Motor
- Coolant Equip. With Chip Tray
- Vertical Head Auto Lubrication Pump
- Horizontal Arbor and Support
- Z axis lead screw with servo motor
- Air Powered drawbar
- LED lamp
- Table guard