

**KEY FEATURES:**

- Quality Taiwanese manufactured milling machine
- Variable speed spindle (High and Low)
- Meehanite casting provides maximum rigidity ensuring minimal deformation
- Large worktable 9" x 35"
- Dovetail slides ensure rigidity while machining
- Hardened and ground worktable and slide ways
- Turcite "B" coated X & Y Axis slide-ways with slide way covers
- NT 30 spindle taper with hardened chrome quill
- Pendant for convenient location of controls
- Head tilts  $\pm 45^\circ$  forward to back
- Head swivels  $\pm 90^\circ$  left and right
- Manual quick action quill lever
- Mechanical spindle brake
- Ram travels 310mm and can rotate  $360^\circ$
- Quality electrics & overload protection in an easy access enclosure
- High / neutral and low gear selection lever to maximise torque
- Align AL-500S X-Axis power-feed with adjustable micro switch feed stops
- Metric dial graduations @ 0.02mm for X , Y & Z axis
- Automatic quill feed 0.015, 0.04, 0.08mm/rev
- Automatic cut off depth stop on quill
- One shot lubrication via hand pump
- Additional E-Stop fitted to the knee for safety

**SPECIFICATIONS:**

Table size:	... 889 x 228mm
Table T-slots:	... 3
Table T-slot width:	...16mm
X axis (longitudinal) travel:	... 610mm
Y axis (cross) travel:	... 300mm
Z axis (vertical) travel:	...380mm
Power feed X Axis:	...20-2000mm/min
Power feed Y Axis:	...Optional
Rapid Feed Z Axis:	...Optional
Quill travel/Dia:	... 127mm / $\varnothing$ 85mm
Quill feed rate:	... 0.04-0.06-0.15mm/rev
Spindle taper:	... NT-30
Motor:	2HP 415v (15amp compatible) or 240v (10amp compatible)
Spindle speed infinitely variable:	Low ... 60-420 High 500-3600rpm
Max distance spindle nose to table surface:	... 50-430mm
Max distance spindle nose to column:	...450mm
Head tilt:	... $45^\circ$ forward & back ... $90^\circ$ right & left
Ram travel:	...310mm
Horizontal rotation of ram:	... $360^\circ$
Approx weight:	... 700 kg
Footprint:	...1200x1300mm

**STANDARD EQUIPMENT:**

- Spindle guard with micro switch
- Sino 3 Axis digital readout
- One-shot oil lubrication pump and reservoir
- Metric draw bar
- Coolant system & swarf tray
- Slide-way covers
- X axis power-feed
- Low voltage LED work light
- Levelling pads and bolts
- Service and parts manual
- Tool box and service tools

**OPTIONAL EQUIPMENT:**

- Y Axis cross power-feed with adjustable micro switch feed stops
- Z Axis vertical rapid feed for easy rise and fall of the knee
- Air power draw bar
- Horizontal attachment c/w arbor and support
- Slotting attachment & associated tooling
- Anti vibration mounts
- Tooling package



(Actual colour and features of the machine offered may vary from that in the photo depending on the clients specific requirements)