



**MODEL: 4VS VERTICAL TURRET MILLING MACHINE**

**KEY FEATURES:**

- Quality Taiwanese manufacture
- Variable speed spindle (High and Low)
- Meehanite casting provides maximum rigidity ensuring minimal deformation
- Large worktable 1350x250mm
- 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
- Y & Z axis square ways for additional rigidity
- Ø 100mm Dia spindle with NT 40 taper & hardened chrome quill
- Pendant for convenient location of controls
- Head tilts ±45° forward to back
- Head swivels ±90° left and right
- Manual quick action quill lever
- Mechanical spindle brake
- Ram travels 530mm and can rotate 360°
- Quality electrics & overload protection in an easy access enclosure
- High / neutral and low gear selection lever to maximise torque
- Align AL-500S X & Y-Axis power-feed with adjustable micro switch feed stops
- Rapid feed motor for fast traverse of the table up and down
- 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:	... 1350 x 250mm
Table T-slots:	... 3
X axis (longitudinal) travel:	... 855mm
Y axis (cross) travel:	... 430mm
Z axis (vertical) travel:	...500mm
Power feed X Axis:	...20-2000mm/min
Power feed Y Axis:	...20-2000mm/min
Rapid Feed Z Axis:	...Standard
Quill travel/Dia:	... 127mm / Ø 100mm
Quill feed rate:	... 0.04-0.06-0.15mm/rev
Spindle taper:	... NT-40
Spindle motor:	... 5 HP 415v
Spindle speed infinitely variable:	Low ... 60-420 High 500-3600rpm
Max distance spindle nose to table surface:	... 60-500mm
Max distance spindle nose to column:	...735mm
Head tilt:	... 45° forward & back ... 90° right & left
Ram travel:	...530mm
Horizontal rotation of ram:	...360°
Overall height:	...TBA
Approx Nett weight	... 1400 kg



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**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 & Y axis power-feed
- Z axis rapid feed
- Low voltage LED work light
- Levelling pads and bolts
- Service and parts manual
- Tool box and service tools

**OPTIONAL EQUIPMENT:**

- Air power draw bar
- Riser block 4", 6", 8"
- Slotting attachment & associated tooling
- Anti-vibration mounts
- Tooling package

