



MODEL: MD-50BV MILLING & DRILLING MACHINE

KEY FEATURES:

- Quality Taiwanese manufactured
- Cast iron machine frame provides maximum rigidity ensuring minimal deformation
- Inverter Variable Speed (240v) 50-3200 rpm
- Large worktable 730 x 210mm
- Adjustable table and drill length stop
- Table lock on both X and Y axis
- Dovetail to Y & Z axis ensures rigidity while machining
- Rear slide-way cover and slide clamps on all axis
- Metric dial graduations for X and Y axis
- Hardened and ground worktable and slide ways
- 3MT (optional NT30) spindle Ø 75mm quill
- Fine feeding quill
- Adjustable accurate depth setting
- Head tilts $\pm 90^\circ$ left and right
- Quality electrics & overload protection in an easy access enclosure
- High / neutral and low gear selection lever to maximise torque
- Spindle lock for quill
- Forward and reverse on/off switch
- Rack and pinion to raise and lower the head

SPECIFICATIONS:

Table size:	... (optional 210x840mm) 730x210 mm
X axis (longitudinal) travel:	... 430 mm
Y axis (cross) travel:	... 285 mm
Z axis (vertical) travel:	... 450 mm
Optional power feed X Axis:	...20-2000 mm/min
Drilling capacity: (Mild Steel)	...30 mm
Quill travel/Dia:	... 120mm / Ø 75 mm
Spindle taper:	... 3 MT
Spindle motor:	... 1 HP 240v
Spindle speed:	... 50-3200 rpm
Max distance spindle nose to table surface:	... 450 mm
Head tilt:	... 90° right & left
Optional Z axis rapid feed motor:	...1/4 HP
Optional coolant pump motor:	...1/8 HP
Approx. weight	... 400 mm
Footprint:	...870x890 mm

STANDARD EQUIPMENT:

- Variable spindle speed via inverter 240v
- Spindle guard with integrated micro switch
- Draw bar, Keyless drill chuck and arbor
- Operation manual with parts breakdown and electrical schematic
- Tool box and service tools



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OPTIONAL EQUIPMENT:

- Machine stand
- X-Axis power feed installed
- Z Axis rapid feed
- Sino 3 Axis digital readout
- Low voltage LED work light
- Tapping function
- Coolant system
- One shot lubrication
- Automatic lubrication system
- Extended table (210x840mm)



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