

Product Brochure For K8744D

HM-54GV Geared Turret Head Milling Machine with Digital Readout - Includes Tooling Package - QLD Schools / TAFE

(X) 600mm (Y) 200mm (Z) 340mm

QLD Contract Item No. 12.3



Please Call

ORDER CODE:	K8744D
NSW DOE Item No.:	-
QLD DOE Item No.:	12.3
MODEL:	Schools / TAFE HM-54GV & with Digital Readout
Digital Readout:	3-Axis DRO
Drilling Capacity (mm):	40
End Milling Capacity (mm):	25
Face Milling Capacity (mm):	80
Spindle Taper:	NT30
Quill Travel / Diameter (mm):	120 / 90
Spindle to Table (mm):	375
Type of Slides:	Dovetail
Spindle to Column (mm):	640
Table Size (mm):	1000 x 240
T-Slot (mm):	-
Longitudinal Travel (X-Axis) (mm):	600*
Cross Travel (Y-Axis) (mm):	200*
Vertical Travel (Z-Axis) (mm):	340
Work Table Load Capacity (kg):	160
Swivel Head (Left - Right):	±45°
Quill Feed Rate/Rev (mm/rev):	Manual
Spindle Speeds (Vertical) (No. / rpm):	Variable (100 - 2000)
Spindle Speeds (Horizontal) (No. / rpm):	9 (60 - 1350)
Motor Power (Vertical) (kW / hp):	2.2 / 3
Motor Power (Horizontal) (kW / hp):	1.5 / 2
Motor Voltage (V / amp):	240 / 10
Nett Weight (kg):	900

Features

- Electronic inverter variable spindle speeds
- NT30 horizontal spindle that is hardened & ground
- NT30 vertical spindle that is hardened & ground
- Tilting mill head ±90°
- Swivel work table ±45°
- 450mm horizontally sliding & rotating ram ±180°
- Precision-ground dovetail slide-ways and table
- Precision milling table incorporating machined T-slots
- Forward and reverse button switch
- Fine hand wheel operated quill feed
- Metric dial graduations @ 0.02mm for X , Y & Z-Axis
- Vertical dial graduations on hand wheel @ 0.05mm

Includes

- 3 Axis DRO
- X-Axis Power-feed
- Spindle Guard with Micro
- LED Lamp
- Coolant System
- Swarf Tray Slideway Covers
- Drill Chuck & Arbor
- NT30 x 3MT Adaptor
- 3MT x 2MT Adaptor
- Horizontal Arbor Support
- 1" & 1-1/4" Horizontal Arbors
- M12 x 1.75mm Drawbar

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- (C0965) Workshop Series - Clamp Kit 58 piece
- (C292) Industrial Drill Chuck - Ø0.3 - Ø13mm
- (C9245) Ø6 - Ø20mm Collet & Chuck Set - 8 Piece
- (D450) NT30 x JT6 Drill Chuck Arbor - M12 Threaded Shank
- (L066) KYOCERA Carbide Inserts - Milling- 10 Inserts
- (M3301) Metric HSS Slot Drill & End Mill Set - 10 Piece
- (M542) FMB27-20 - Face Mill Arbor
- (M512) Face Mill 90° - Positive Rake - Ø75mm
- (V106) Vertex K-Type Milling Vice - 152mm Jaw Width

Specific Features



Left View



Head Controls



3 Axis Digital Readout System



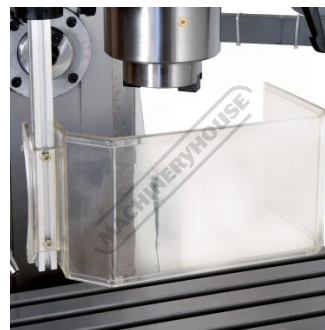
Control Panel With Digital Speed Readout



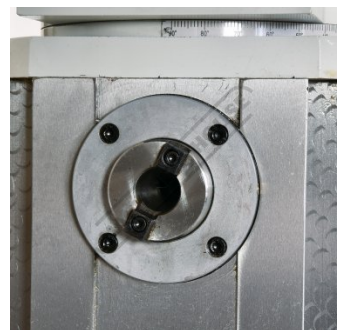
Vertical Variable Speed Motor



Vertical Spindle With Quill Lock



Safety Cutter Guard



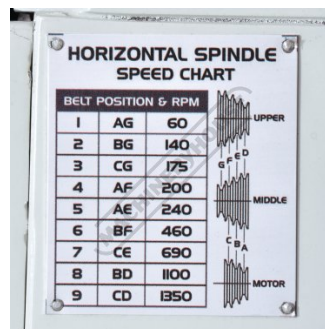
Horizontal Spindle



Horizontal Spindle Support



Horizontal Spindle Control Panel

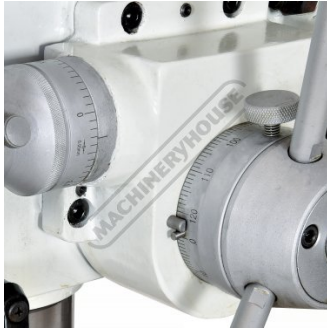


Horizontal Spindle Speed Chart



Quill Feed Fine Feed Handles

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Fine Feed Qill Dials Handle Dials



High Low Speed Gear Selector



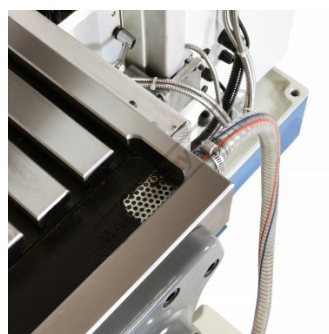
Concentina Slideway Cover



Tilt Head 45 Degree



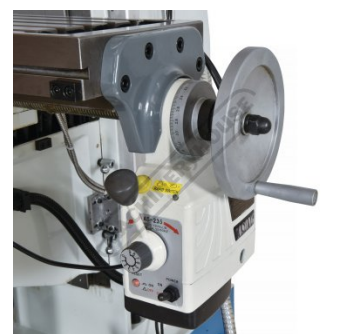
Rotating Adjustable Sliding Ram



Work Table Coolant Return



Worklight And Coolant Hose



X Axis Power Feed With Rapid

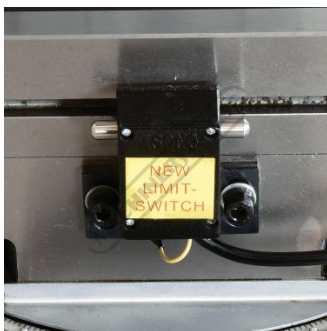


Table Feed Limit Switch



Adjustable Table Stops



Swivel Table Scale



Hardened Ground Work Table



Z Axis Handle



Z Axis Dial



X Axis Dial



X Axis On Power Feed

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Y Axis Dial



Coolant Pump



Included Accessories



C292 Industrial Drill Chuck 0.3 13mm



C0965 Workshop Series Clamp Kit 58 piece



C9245 6 20mm Collet Chuck Set



D450 NT30 x JT6 Drill Chuck Arbor



L066 KYOCERA Carbide Inserts Milling 10 Inserts



M512 Face Mill 90 Positive Rake 75mm



M542 FMB27 20 Face Mill Arbor



M3301 Metric HSS Slot Drill End Mill Set



V106 Vertex K Type Milling Vice

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Recommended Accessories

M229

Power Feed Unit



V106

Vertex K-Type Milling Vice



C0965

Clamp Kit 58 piece - Workshop Series



M540

Face Mill Arbor



M530

Universal Milling Kit - 4 Piece



M333

Metric HSS Slot Drill & End Mill Set - 12 Piece



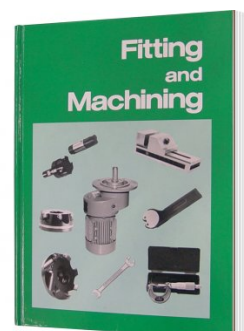
M335

Imperial HSS Slot Drill & End Mill Set - 12 Piece



L341

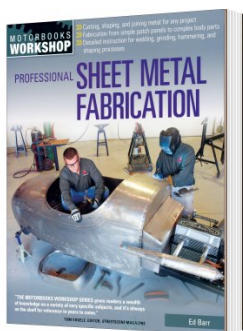
Fitting and Machining Technical Book



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L3455

Professional Sheet Metal
Fabrication Book



R004

Vertex Super Indexing Head



R006

Vertex Rotary Table



M242

Angle Plate - Precision Ground



M243

Angle Plate - Precision Ground



M182

Precision Boring Head Kit



M183

Precision Boring Head Kit



M184

Precision Boring Head



M193

Boring Head Shank



M197

Boring Head Shank



M250

Parallel Set - 8 Piece



M252

Parallel Set - 18 Piece



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M180

Boring Bar Set - 9 piece



M181

Boring Bar Set - 12 piece



V010

Alloy Steel Vee Block



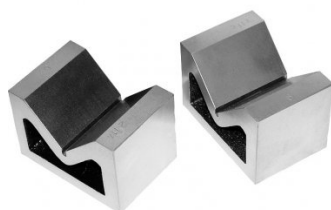
V003

Cast Iron Vee Block



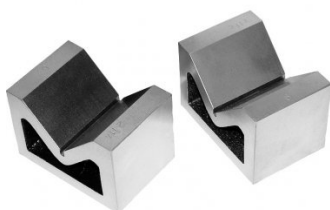
V004

Cast Iron Vee Block



V006

Cast Iron Vee Block



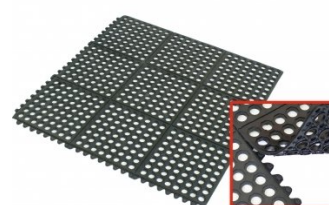
M800

Rubber Mat - Anti-Fatigue



M805

Rubber Mat - Anti-Fatigue



S090A

Soluble Metal Cutting Fluid - 1 Litre



S090

Soluble Metal Cutting Fluid - 5 Litre



S076

Cutting Tool Lubricant Fluid - 500ml



S077

Drilling, Tapping & Cutting Tool Lubricant Spray - 400g



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S075

Cutting Tool Lubricant Paste -
200g



S074

Cutting Tool Lubricant Paste -
500g



O000

SpillFix Universal Organic
Absorbent



O043

Rust & Corrosion Preventive



O042

General Purpose Lubricant &
Corrosion Inhibitor



O040

Rust & Corrosion Preventive



O044

Rust & Corrosion Preventive

