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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):	±45º
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 ±90º
- Swivel work table ±45º
- 450mm horizontally sliding & rotating ram ±180º
- 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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Product Brochure For K8744D

- (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 90º - Positive Rake - Ø75mm
- (V106) Vertex K-Type Milling Vice - 152mm Jaw Width

Specific Features


Left View



Head Controls



3 Axis Digital Readout System



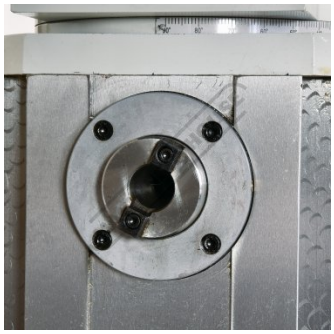
Control Panel With Digital Speed Readout


Vertical Varible Speed Motor



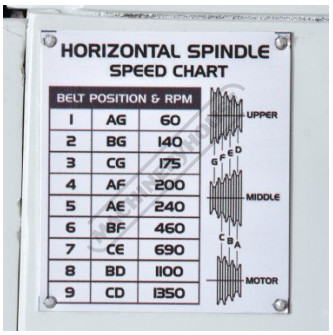
Vertical Spindle With Quill Lock


Safety Cutter Guard


Horizontal Spindle


Horizontal Spindle Support


Horizontal Spindle Control Panel

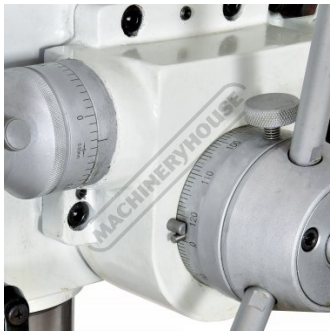


Horizontal Spindle Speed Chart


Quill Feed Fine Feed Handles

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Product Brochure For K8744D


Fine Feed Qill Dials Handle Dials

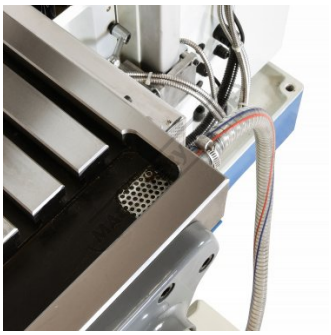


High Low Speed Gear Selector


Concentina Slideway Cover


Tilt Head 45 Degree


Rotating Adjustable Sliding Ram


Work Table Coolant Return


Worklight And Coolant Hose

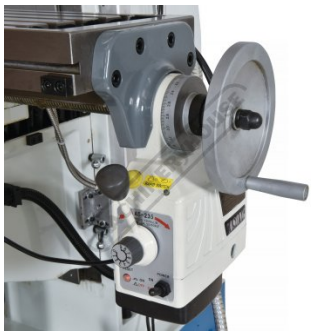
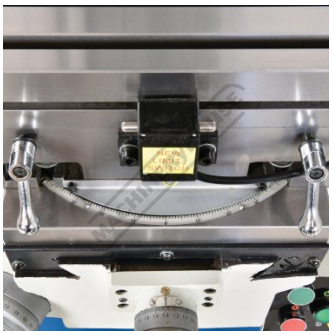

X Axis Power Feed With Rapid



Table Feed Limit Switch


Adjustable Table Stops


Swivel Table Scale


Hardened Ground Work Table


Z Axis Handle

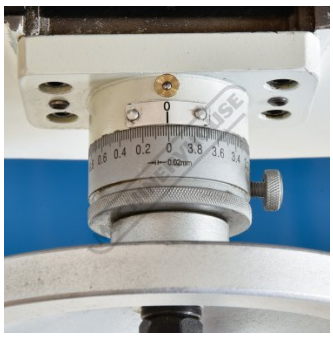

Z Axis Dial


X Axis Dial


X Axis On Power Feed

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Product Brochure For K8744D



Y Axis Dial



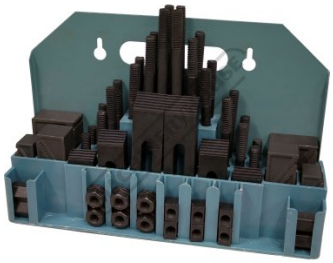
Coolant Pump



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 - 3 Piece with INSERTS



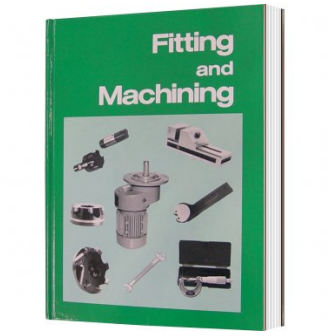
M333
Metric HSS Slot Drill & End Mill Set - 12 Piece



M335
Imperial HSS Slot Drill & End Mill Set - 12 Piece



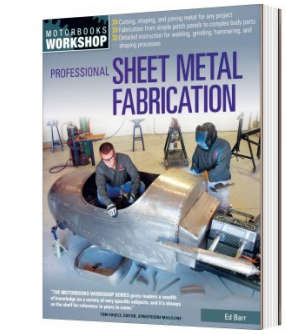
L341
Fitting and Machining Technical Book



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Product Brochure For K8744D

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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Product Brochure For K8744D

M180
Boring Bar Set - 9 piece



M181
Boring Bar Set - 12 piece



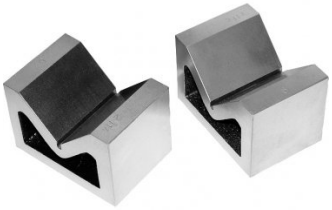
V010
Alloy Steel Vee Block



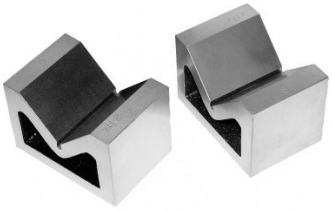
V003
Cast Iron Vee Block



V004
Cast Iron Vee Block



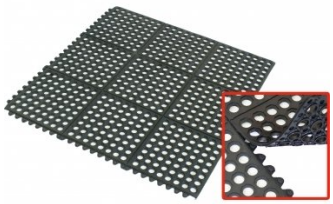
V006
Cast Iron Vee Block



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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Product Brochure For K8744D

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

