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Product Brochure For M652

Mill Drill - Geared & Tilting Head - MH-28V

Table Travel: (X) - 430mm (Y) - 220mm (Z) - 355mm
Electronic Variable Speeds & Dovetail Column



OPTIMUM

1 YEAR WARRANTY

10A PLUG 240V

On Sale - Back In Stock Soon

	Ex GST	Inc GST
	~~$2,750.00~~	~~$3,025.00~~
	$2,590.00	$2,849.00

ORDER CODE:	M652
MODEL:	HM-28V
Digital Readout:	Optional
Type:	Vertical
Table Size (mm):	730 x 210
Column Type:	Dovetail
Spindle Taper - Vertical:	3MT
Spindle Taper - Horizontal:	~
Longitudinal Travel (X-Axis) (mm):	430
Cross Travel (Y-Axis) (mm):	220
Vertical Travel (Z-Axis) (mm):	355
Type of Slides:	Dovetail
Ram Travel (mm):	~
Spindle to Table (mm):	465
Spindle to Base:	~
Spindle Travel / Diameter (mm):	70 / ~
Throat Depth (max.) (mm):	210
Tilting Head (Left ~ Right):	±90º
Tilting Head (Forward ~ Back):	Fixed
Drilling Capacity (mm):	20
End Milling Capacity (mm):	28
Face Milling Capacity (mm):	70
Power Feed - Quill (mm/rev):	~
Power Feed - Longitudinal (X-Axis) (mm/min):	~
Power Feed - Cross (Y-Axis) (mm/min):	~
Power Feed - Vertical (Z-Axis) (mm/min):	~
Table T-Slot Size (inch / mm):	14
Work Table Load Capacity (kg):	55
Spindle Speeds Vertical (No./ rpm):	Variable (100 - 2500)
Spindle Speeds Horizontal (No./ rpm):	~
Spindle Speeds - Universal Head:	~
Motor Power - Vertical Spindle (kW / hp):	1.1 / 1.5
Motor Power - Horizontal Spindle (kW / hp):	~
Motor Power - Universal Head:	~
Voltage / Amperage (V / amp):	240 / 10
Nett Weight (kg):	240

Description

Excellent quality mill drill machine designed for the model engineer

Features

- Electronic infinitely variable speed
- 3MT spindle taper
- Dovetail vertical Z-Axis
- Digital readout speed display
- Digital depth display with zero reset for quill
- Tilting head to ± 90° from vertical
- 2 speed gearbox (high / low) drive

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- Forward and reverse spindle switch
- Adjustable dovetail slideways on all 3 axis
- 730 x 210mm cast iron table with T-slots
- Adjustable table and drill length stops
- Rear slideway covers and slide clamps on all axis
- Metric dial graduations on X & Y-Axis

Includes

- 3MT x JT6 drill chuck arbor
- Safety cutter guard
- Bracket kit for optional digital readout
- 1/2" x 12tpi whitworth drawbar

Specific Features


Front View


Left View


Variable Spindle Speed with DRO



Digital Readout for Quill Depth


Tilting Head Scale


Head Close Up - Right View


Front Head View


Shown On Optional Stand with Head Tilted


Shown On Optional Stand M653


Shown On Optional Stand Left View

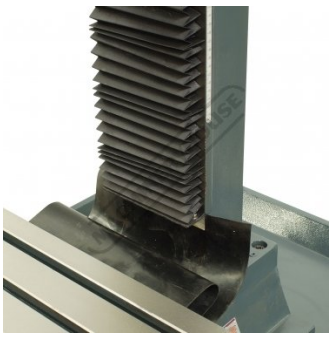

Fine Feed Quill Dial


Z-Axis Adjustment Handwheel

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Product Brochure For M652


Z-Axis Scale


Concertina Slideway Cover



High & Low Gear Head


Longitudinal Handwheel


Cross Feed Handwheel


Table Limit Stops

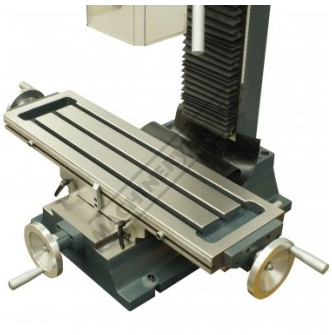

Safety Cutter Guard



Drawbar



3MT Spindle Taper


Table


Includes Drill Chuck Arbour & Tools


DRO Bracket Kit

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Recommended Accessories

M653
Mill Drill Stand



M0015
Steel Machine Mount & Rubber Insert



D695
3-Axis Optimum Digital Readout Counter - 1µm



D694
1500mm Optimum Magnetic Digital Readout Scale



D697
Optimum Magnetic Digital Readout Reader Head



T773
Industrial Mobile Tooling Cabinet Workstation



L3455
Professional Sheet Metal Fabrication Book



K150
Mill-Drill Accessory Package Deal - Imperial Cutters



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Product Brochure For M652

K151
Mill-Drill Accessory Package Deal - Metric Cutters



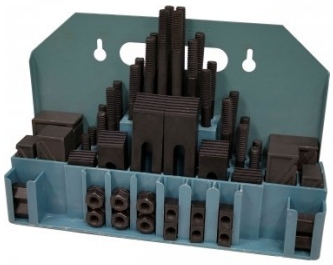
C922B
Collet & Chuck Set - 8 Piece



C926
Collet & Chuck Set - 20 Piece



C0965
Clamp Kit 58 piece - Workshop Series



V105
Vertex K-Type Milling Vice



M3301
Metric HSS Slot Drill & End Mill Set - 10 Piece



M3321
Imperial HSS Slot Drill & End Mill Set - 10 Piece



M3281
14mm HSS End Mill Long Series



M182
Precision Boring Head Kit



M192
Boring Head Shank



M180
Boring Bar Set - 9 piece



M250
Parallel Set - 8 Piece



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Product Brochure For M652

M530
Universal Milling Kit - 3 Piece with INSERTS



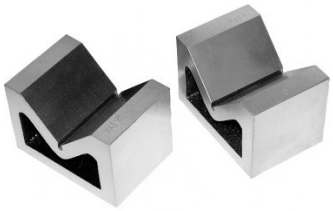
M528
Face Mill 90º - Positive Rake



L066
KYOCERA Carbide Inserts - Milling



V004
Cast Iron Vee Block



R001
Rotary Table



R0014
Tilting Rotary Table



P235
Coolant Pump & Tank



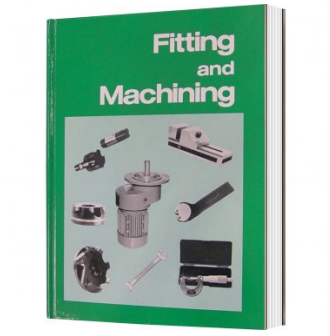
S090A
Soluble Metal Cutting Fluid - 1 Litre



S090
Soluble Metal Cutting Fluid - 5 Litre



L341
Fitting and Machining Technical Book



L300
Magnetic Swarf Remover



M9991
Magnetic Floor Sweeper



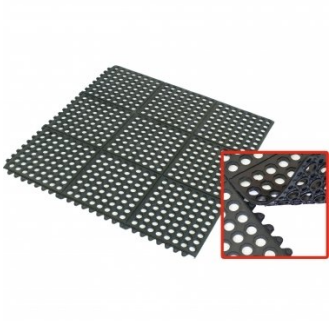
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Product Brochure For M652

M800
Rubber Mat - Anti-Fatigue



M805
Rubber Mat - Anti-Fatigue



O000
SpillFix Universal Organic Absorbent



O043
Rust & Corrosion Preventive



O042
General Purpose Lubricant & Corrosion Inhibitor



O040
Rust & Corrosion Preventive



O044
Rust & Corrosion Preventive

