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Product Brochure For M577

Workshop Turret Milling Machine - HM-51B

Table Travel: (X) - 580mm (Y) - 190mm (Z) - 350mm
Includes Digital Readout System & Swivel Table



On Sale

Ex GST	Inc GST
~~$6,590.00~~	~~$7,249.00~~
$6,290.00	$6,919.00

ORDER CODE:	M577
MODEL:	HM-51B
Digital Readout:	3-Axis Digital Readout
Type:	Vertical
Table Size (mm):	1000 x 240
Column Type:	~
Spindle Taper - Vertical:	NT30
Spindle Taper - Horizontal:	~
Longitudinal Travel (X-Axis) (mm):	580*
Cross Travel (Y-Axis) (mm):	190*
Vertical Travel (Z-Axis) (mm):	350
Type of Slides:	Dovetail
Ram Travel (mm):	350
Spindle to Table (mm):	390
Spindle to Base:	~
Spindle Travel / Diameter (mm):	125 / 90
Throat Depth (max.) (mm):	550
Tilting Head (Left ~ Right):	±45º
Tilting Head (Forward ~ Back):	Fixed
Drilling Capacity (mm):	30
End Milling Capacity (mm):	25
Face Milling Capacity (mm):	80
Power Feed - Quill (mm/rev):	Manual
Power Feed - Longitudinal (X-Axis) (mm/min):	20 - 2000
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):	175
Spindle Speeds Vertical (No./ rpm):	9 (220 - 2400)
Spindle Speeds Horizontal (No./ rpm):	~
Spindle Speeds - Universal Head:	~
Motor Power - Vertical Spindle (kW / hp):	2.2 / 3
Motor Power - Horizontal Spindle (kW / hp):	~
Motor Power - Universal Head:	~
Voltage / Amperage (V / amp):	240 / 15
Nett Weight (kg):	850

Description

A well-built entry level turret milling / drilling machine with a powerful continuous-load 2.2kW / 3hp motor, intended for trade use. The work table is precision made with adjustable dovetail guides and is recognised for its 580mm X axis by 190mm Y axis travel. There is a three armed handle on the side for drilling also incorporating a fine feed control hand wheel on the front for milling. The screwed belt guard covers on each side of the head offer secure safety whilst providing easy access to the belts and pulleys for speed changing.

Other features include 3 axis digital readout system, taper roller bearing support for the spindle, easy-to-read drilling depth stop, low voltage work light, coolant system, X axis power feed unit, drill chuck, 2 & 3 morse taper adaptors. The combination of generous sized vertical support and rugged cast iron construction throughout reduces vibration and guarantees accurate and chatter-free operation.

Features

- 3 Axis digital readout system
  Swivel table left & right with graduated scale

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- Mill head tilts to ±45º left to right
- 300mm horizontally sliding and rotating ram
- NT30 vertical spindle is hardened and ground
- Precision-ground dovetail slide-ways and table
- Precision milling table incorporating machined T-slots
- Rear concertina slide-way cover
- Forward and reverse on/off switch
- Fine hand wheel operated quill feed
- Swarf & splash tray
- Spindle lock for quill
- Metric dial graduations @ 0.02mm for X , Y & Z-Axis
- Vertical quill hand-wheel dial graduations @ 0.05mm
- All slides utilise dovetail construction for maximum rigidity

- * Note: X travel maybe reduced due to digital readout scales and safety stops

Includes

- 3 Axis digital readout system
- X-Axis power feed
- Safety cutter guard
- Swarf tray
- Coolant system
- Halogen lamp
- Drill chuck & arbor
- NT30 to 3MT adaptor
- 2MT & 3MT adaptors
- M12 x 1.75mm Drawbar

Specific Features


Head Tilts to 45 Deg Left Right


Side View


Head Controls

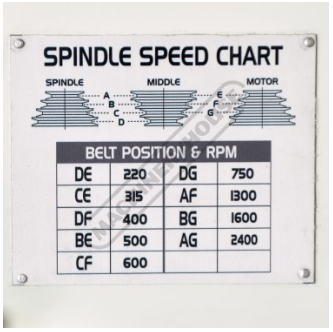

Control Panel



3 Axis Digital Readout System



Motor And Drawbar



Spindle Speed Chart


Safety Cutter Guard

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Product Brochure For M577


Head Rotation Scale


Quill Hand Wheel


Adjustable Swivel and Sliding Ram


Work Light and Coolant Hose


Coolant Pump


Concertina Slideway Cover

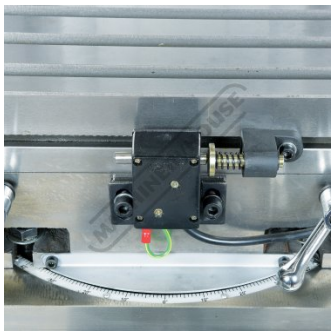

X Axis Power Feed with Rapid

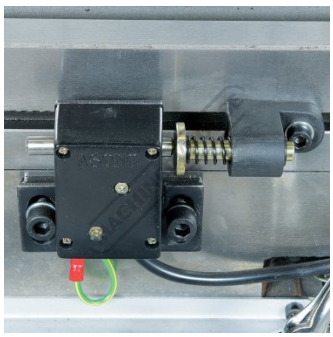

X Axis Dial Power Feed Slide


X Axis Dial


Y Axis Dial


Z Axis Handle


Swivel Table Scale


Table Cutoff Switch


Included Accessories


Front View


Head Tilts to 45 Deg Left-Right

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Recommended Accessories

V106
Vertex K-Type Milling Vice



C0965
Clamp Kit 58 piece - Workshop Series



C9245
Collet & Chuck Set - 8 Piece



C928
Collet & Chuck Set - 20 Piece



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



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



M530
Universal Milling Kit - 3 Piece with INSERTS



M540
Face Mill Arbor



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Product Brochure For M577

R004
Vertex Super Indexing Head



R006
Vertex Rotary Table



M184
Precision Boring Head



M197
Boring Head Shank



M182
Precision Boring Head Kit



M183
Precision Boring Head Kit



M193
Boring Head Shank



M250
Parallel Set - 8 Piece



M252
Parallel Set - 18 Piece



M243
Angle Plate - Precision Ground



M242
Angle Plate - Precision Ground



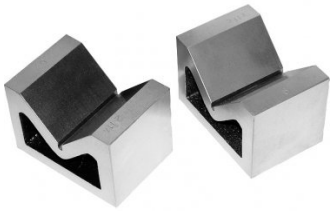
V010
Alloy Steel Vee Block



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Product Brochure For M577

V006
Cast Iron Vee Block



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



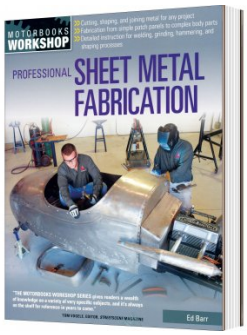
S075
Cutting Tool Lubricant Paste - 200g



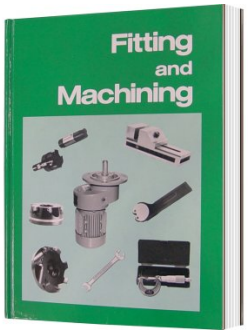
S074
Cutting Tool Lubricant Paste - 500g



L3455
Professional Sheet Metal Fabrication Book



L341
Fitting and Machining Technical Book



L300
Magnetic Swarf Remover



M9991
Magnetic Floor Sweeper



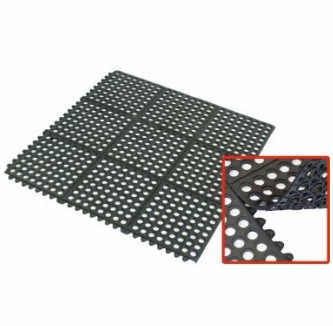
M800
Rubber Mat - Anti-Fatigue



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Product Brochure For M577

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

