

Product Brochure For M125D

Mill Drill - Geared & Tilting Head with Digital Readout System - HM-47

Table Travel: (X) - 540mm (Y) - 185mm (Z) - 410mm

Includes Digital Readout System, Dovetail Column & Stand



ORDER CODE:	M125D
MODEL:	HM-47
Digital Readout:	3-Axis Counter, X, Y Scales
Type:	Vertical
Table Size (mm):	820 x 240
Column Type:	Dovetail
Spindle Taper - Vertical:	3MT
Spindle Taper - Horizontal:	~
Longitudinal Travel (X-Axis) (mm):	540*
Cross Travel (Y-Axis) (mm):	185*
Vertical Travel (Z-Axis) (mm):	410
Type of Slides:	Dovetail
Ram Travel (mm):	~
Spindle to Table (mm):	490
Spindle to Base:	~
Spindle Travel / Diameter (mm):	120 / 75
Throat Depth (max.) (mm):	273
Tilting Head (Left ~ Right):	±90°
Tilting Head (Forward ~ Back):	Fixed
Drilling Capacity (mm):	31.5
End Milling Capacity (mm):	28
Face Milling Capacity (mm):	80
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):	6 (95 - 1600)
Spindle Speeds Horizontal (No./ rpm):	~
Spindle Speeds - Universal Head:	~
Motor Power - Vertical Spindle (kW / hp):	1.5 / 2
Motor Power - Horizontal Spindle (kW / hp):	~
Motor Power - Universal Head:	~
Voltage / Amperage (V / amp):	240 / 10
Nett Weight (kg):	407

Features

- 3-Axis digital readout counter fitted with 2-Axis X & Y scales only
 - Gear driven head with 6 speeds
 - Dovetail vertical Z-Axis
 - Mill head tilts to ±90° from vertical with digital display
 - Large 820 x 240mm ground work table with T-slots
 - Adjustable leadscrew nuts eliminating backlash on both axis
 - Fine feed hand wheel operating quill feed
 - Digital depth display with zero reset for quill (Includes LR44 battery)
 - Digital tilting head gauge
 - Forward and reverse on/off switch
 - 3MT spindle with 75mm diameter lockable quill
 - Adjustable table and drill length stops
 - Metric dial graduations @ 0.05mm for X & Y-Axis
 - Rear slide-way cover and slide clamps on all axis
 - Table lock on both axis
 - Fixed control panel
 - Heavy duty fabricated stand with coolant tray
- Includes Stand, coolant system, swarf tray, drill chuck & arbor, face mill cutter & arbor & work light

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- * Note: X & Y travels maybe reduced due to digital readout scales and safety stops

Includes

- 3-Axis digital readout counter fitted with 2-Axis X & Y scales only
- Heavy duty fabricated stand
- Coolant system
- Halogen light
- Digital depth display
- Digital tilting head gauge
- Drill chuck & arbor
- Face cutter & arbor
- Safety cutter guard
- Machine stand
- 1/2" x 12TPI drawbar

Specific Features



Left View



Front View



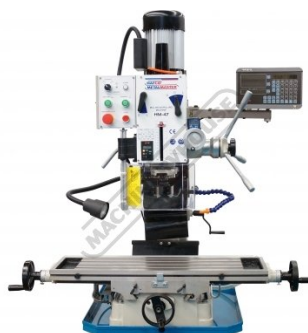
Rear View



Left View Close Up



Right Side Close Up



Front View Close Up



Right Side View Close Up



Left Side View Close Up



Swivel Head 45 Degrees



Swivel Head 45 Degrees Front View



3-Axis digital readout counter fitted with 2-Axis X & Y scales only



Control Panel

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Swivel Head Scale



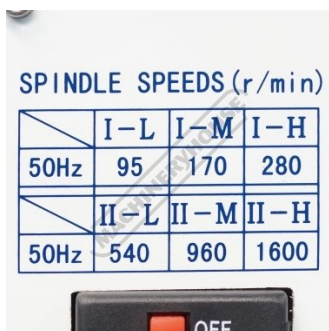
Swivel Head Digital Angle Scale



Quick Depth Stop Gauge



Digital Readout On Quill Depth



Spindle Speeds Chart



Quill Handle



Manual Vertical Height Adjustment Handle



Flexible Coolant Hose



Fine Feed Handle



Table Stops



Table Feed Hand Wheel



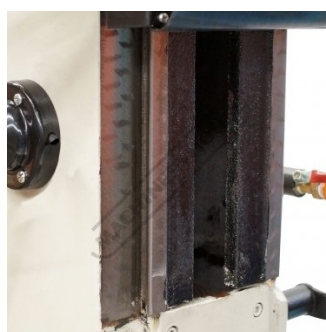
Work Table



DRO Scales



Vertical Axis Locks



Vertical Axis Dovetail Slide



Slide Covers

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Drawbar



Drawbar Cover



Includes Milling Cutter



Work Light



Safety Cutter Guard



Coolant System



Coolant Return Drain Hose



Includes Drill Chuck & Arbor, Milling Cutter, Digital Angle Gauge & Tools

Recommended Accessories

M230
Power Feed Unit



M240
Transformer



C0965
Clamp Kit 58 piece - Workshop Series



K150
Mill-Drill Accessory Package Deal - Imperial Cutters



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K151

Mill-Drill Accessory Package
 Deal - Metric Cutters



C922B

Collet & Chuck Set - 8 Piece



C926

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



M3280

13mm 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



M530

Universal Milling Kit - 4 Piece



M562

Face Mill Arbor



Product Brochure For M125D

M515

Face Mill 45° - Super High-Rake



L065

KYOCERA Carbide Inserts - Milling



M528

Face Mill 90° - Positive Rake



M529

Face Mill 90° - Positive Rake



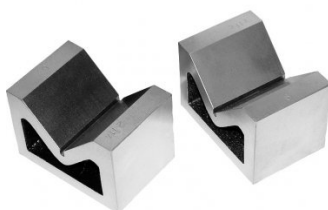
L066

KYOCERA Carbide Inserts - Milling



V004

Cast Iron Vee Block



V105

Vertex K-Type Milling Vice



R006

Vertex Rotary Table



P235

Coolant Pump & Tank



S090A

Soluble Metal Cutting Fluid - 1 Litre



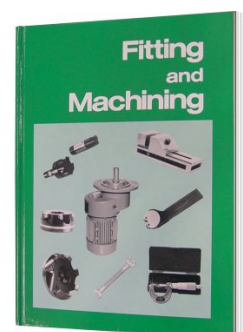
S090

Soluble Metal Cutting Fluid - 5 Litre



L341

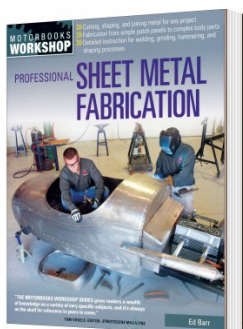
Fitting and Machining Technical Book



Product Brochure For M125D

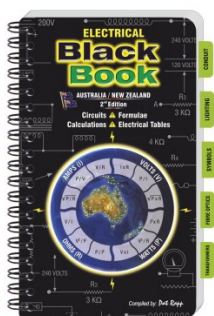
L3455

Professional Sheet Metal
Fabrication Book



L342

Electrical Black Book



L300

Magnetic Swarf Remover



M9991

Magnetic Floor Sweeper



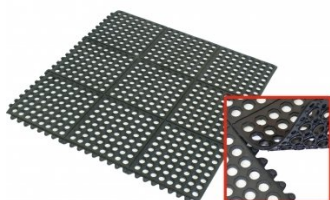
M800

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

