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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):	±90º
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 ±90º 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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Product Brochure For M125D

-
- * 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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Product Brochure For M125D


Swivel Head Scale

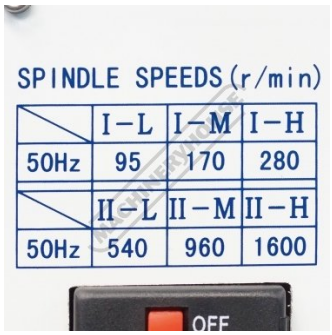

Swivel Head Digital Angle Scale



Quick Depth Stop Gauge



Digital Readout On Quill Depth



Spindle Speeds Chart


Quill Handle


Manual Vertical Height Adjustement Handle


Flexible Coolant Hose


Fine Feed Handle

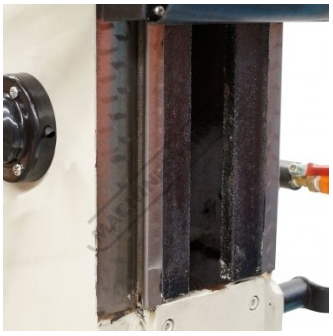

Table Stops


Table Feed Hand Wheel


Work Table


DRO Scales


Vertical Axis Locks


Vertical Axis Dovetail Slide


Slide Covers

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Product Brochure For M125D


Drawbar

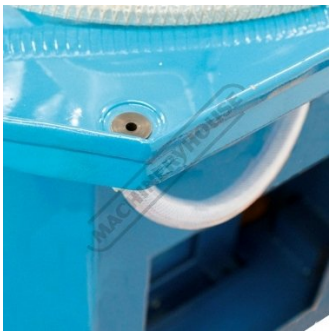

Drawbar Cover


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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Product Brochure For M125D

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 - 3 Piece with INSERTS



M562
Face Mill Arbor



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Product Brochure For M125D

M515
Face Mill 45º - Super High-Rake



L065
KYOCERA Carbide Inserts - Milling



M528
Face Mill 90º - Positive Rake



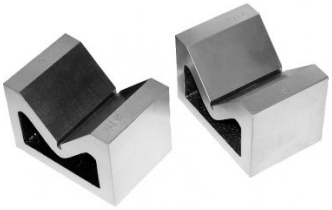
M529
Face Mill 90º - Positive Rake



L066
KYOCERA Carbide Inserts - Milling



V004
Cast Iron Vee Block



V105
Vertex K-Type Milling Vice



R006
Vertex Rotary Table



P235
Coolant Pump & Tank



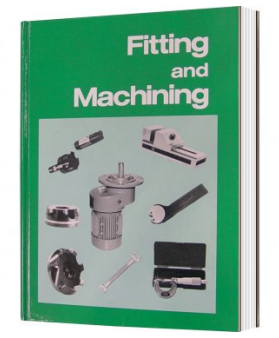
S090A
Soluble Metal Cutting Fluid - 1 Litre



S090
Soluble Metal Cutting Fluid - 5 Litre



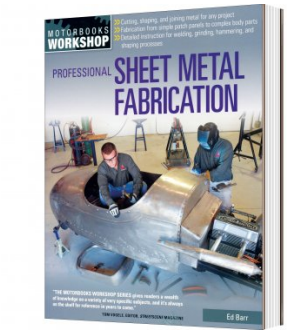
L341
Fitting and Machining Technical Book



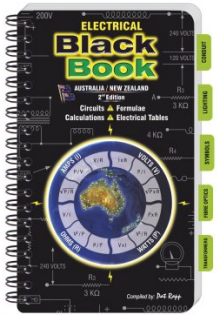
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Product Brochure For M125D

L3455
Professional Sheet Metal Fabrication Book



L342
Electrical Black Book



L300
Magnetic Swarf Remover



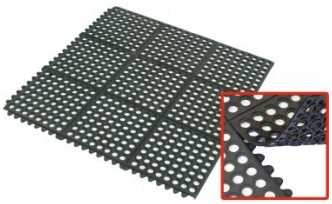
M9991
Magnetic Floor Sweeper



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

