

Product Brochure For K012A

Mill Drill Machine Package Deal - HM-32

Table Travel: (X) - 540mm (Y) - 190mm (Z) - 410mm

Includes Imperial Tooling



ORDER CODE:	K012A
MODEL:	HM-32 Package Deal
Digital Readout:	Optional
Type:	Vertical
Table Size (mm):	820 x 240
Column Type:	Ø115mm
Spindle Taper - Vertical:	3MT
Spindle Taper - Horizontal:	~
Longitudinal Travel (X-Axis) (mm):	540
Cross Travel (Y-Axis) (mm):	190
Vertical Travel (Z-Axis) (mm):	410
Type of Slides:	Dovetail
Ram Travel (mm):	~
Spindle to Table (mm):	455
Spindle to Base:	~
Spindle Travel / Diameter (mm):	130 / ~
Throat Depth (max.) (mm):	202
Tilting Head (Left ~ Right):	Fixed
Tilting Head (Forward ~ Back):	Fixed
Drilling Capacity (mm):	31.5
End Milling Capacity (mm):	22
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):	50
Spindle Speeds Vertical (No./ rpm):	12 (100 - 2150)
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
Nett Weight (kg):	295

Description

This is a rugged and well made machine with good capacities and plenty of power, a good choice for a serious home engineer.

The belt driven head provides a useful range of 12 speeds, 100-2080rpm and is quiet in operation, the head can be re-positioned on the column with the aid of a handle driven rack and pinion drive.

The table has three T slots to allow the work to be directly mounting to table, or in a milling vice, with two large diameter control hand wheels with metric calibrations for the longitudinal axis.

The fine down feed control can be locked firmly in position when milling and the mill also features an easy-to-read depth stop.

Optional power feed provides smooth variable speed drive to longitudinal travel

Features

- Quiet B section belt drive system
- Milling head rotates 360° on column
- Extra large 820 x 240mm ground work table with T-slots
- Adjustable leadscrew nuts eliminating backlash on both axis

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- Fine feed hand wheel operating quill feed
- Forward and reverse on/off switch
- 3MT spindle with 75mm diameter quill
- Adjustable table and drill length stops
- Rack and pinion wind-up head
- Rear slide-way cover and slide clamps on all axis
- Spindle lock for quill
- Table lock on both axis
- Metric dial graduations @ 0.05mm for X & Y axis
- Optional power feed fits straight on the table

Includes

- Machine stand (M135)
- 14mm clamp kit set (C0965)
- Collet chuck set (C922B)
- 10 piece metric slot & end mill set (M3321)
- Drill chuck
- 3MT arbor
- 3MT-2MT drill sleeve
- Face cutter & arbor
- 3" tilting vice
- Safety cutter guard

Specific Features



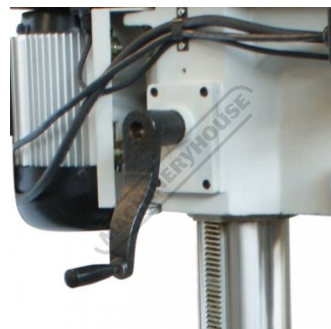
Forward & Reverse & On Off Switch



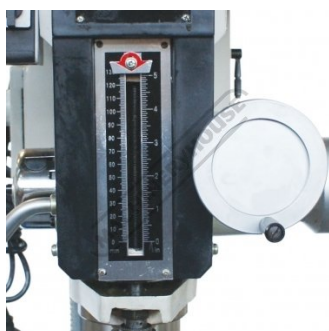
Fine feed handwheel operating quill feed



Head Controls



Rack and pinion wind up head



Quill Depth Scale



Quill Lock

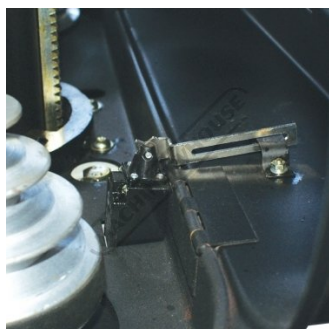


Table Cross Feed Handle



Face Mill Cutter

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Safety Micro switch on Belt Guard



Belt Drive 12 speeds 100 2080rpm Left View



Motor Belt Tension Adjustment



Includes These Accessories

Recommended Accessories

L300

Magnetic Swarf Remover

M9991

Magnetic Floor Sweeper

M230

Power Feed Unit

M240

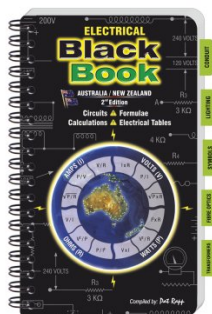
Transformer



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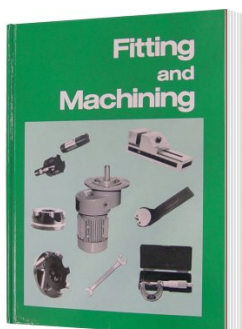
L342

Electrical Black Book



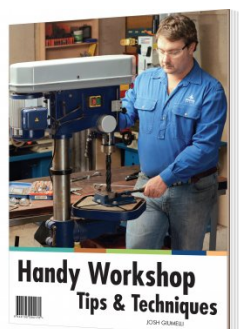
L341

Fitting and Machining Technical Book



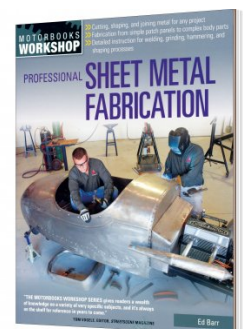
L345

Handy Workshop Tips & Techniques - 1st Edition



L3455

Professional Sheet Metal Fabrication Book



C926

Collet & Chuck Set - 20 Piece



C0965

Clamp Kit 58 piece - Workshop Series



C922B

Collet & Chuck Set - 8 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



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M180

Boring Bar Set - 9 piece



M250

Parallel Set - 8 Piece



M530

Universal Milling Kit - 4 Piece



M562

Face Mill Arbor



M515

Face Mill 45° - Super High-Rake



L065

KYOCERA Carbide Inserts - Milling



M528

Face Mill 90° - Positive Rake



M529

Face Mill 90° - Positive Rake



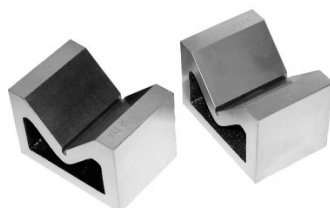
L066

KYOCERA Carbide Inserts - Milling



V004

Cast Iron Vee Block



V105

Vertex K-Type Milling Vice



R006

Vertex Rotary Table



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P235

Coolant Pump & Tank



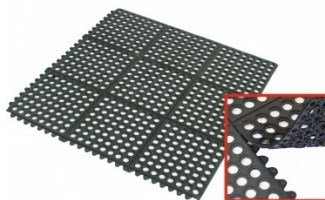
M800

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



S074

Cutting Tool Lubricant Paste - 500g



O043

Rust & Corrosion Preventive



O042

General Purpose Lubricant & Corrosion Inhibitor



O044

Rust & Corrosion Preventive

