Auckland: (09) 2717 234
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Product Brochure For K012

Mill Drill Machine Package Deal - HM-32

Table Travel: (X) - 540mm (Y) - 190mm (Z) - 410mm
Includes Metric Cutters, Clamp Kit, Collet Chuck & Stand

ORDER CODE:	K012
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 / 75
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):	Optional
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 / 10
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 360º 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

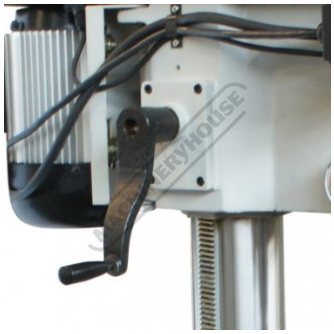
- Machine stand (M135)
- 14mm clamp kit set (C0965)
- Collet chuck set (C922B)
- 10 piece metric slot & end mill set (M3301)
- Drill chuck
- 3MT arbor
- 3MT-2MT drill sleeve
- Face cutter & arbor
- 3" tilting vice
- Safety cutter guard
- 1/2" x 12tpi whitworth drawbar

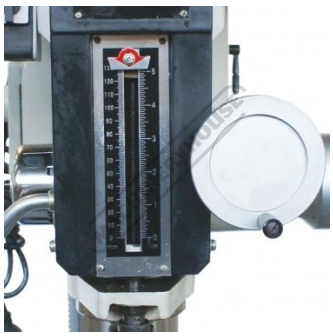
Specific Features

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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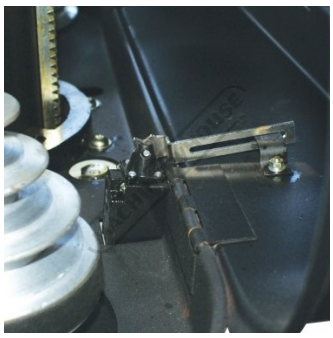
Safety Micro switch on Belt Guard

Belt Drive 12 speeds 100 2080rpm

Left View

Motor Belt Tension Adjustment

Includes These Accessories

Recommended Accessories

D695
3-Axis Optimum Digital Readout Counter - 1µm

D694
1500mm Optimum Magnetic Digital Readout Scale

M230
Power Feed Unit

M240
Transformer

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C0965
Clamp Kit 58 piece - Workshop Series

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 K012

M515
Face Mill 45º - Super High-Rake

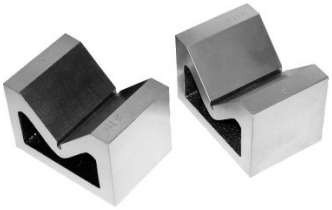
L065
KYOCERA Carbide Inserts - Milling

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

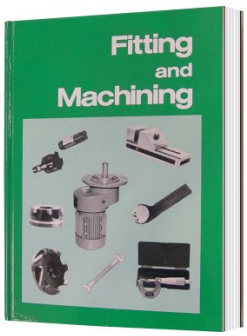
R006
Vertex Rotary Table

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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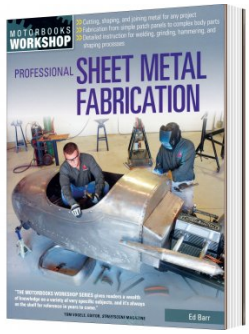
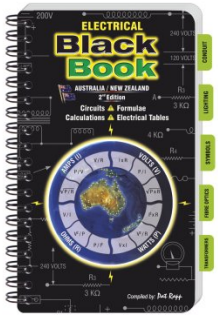
Product Brochure For K012

L3455
Professional Sheet Metal Fabrication Book



L345
Handy Workshop Tips & Techniques - 1st Edition

L342
Electrical Black Book

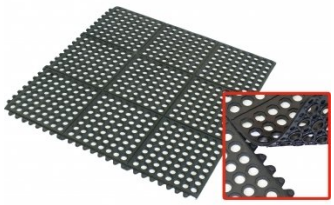


L300
Magnetic Swarf Remover

M9991
Magnetic Floor Sweeper

M800
Rubber Mat - Anti-Fatigue

M805
Rubber Mat - Anti-Fatigue



O043
Rust & Corrosion Preventive

O042
General Purpose Lubricant & Corrosion Inhibitor

O044
Rust & Corrosion Preventive