

HAFCO-METALMASTER HM-32B



Mill Drill - Belt Drive

Table Travel: (X) - 540mm (Y) - 235mm (Z) - 310mm



HAFCO-METALMASTER Mill Drill - Belt Drive HM-32B



Mill Head



Spindle Power Controls



Quill Handle



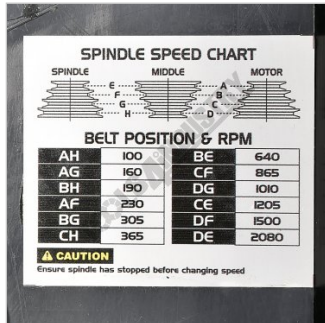
Fine Feed Handle



Rack-Pinion Wind Up Head



Belt Drive



Spindle Speed Chart



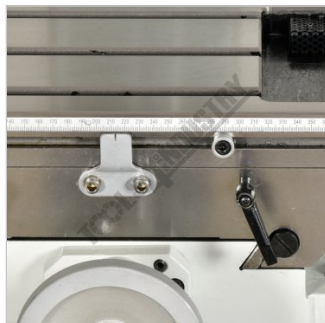
Interlocked Spindle Safety Guard



Ø45mm MT3 Face Mill Cutter



Work Table



Adjustable Length Stops



Rear Slide Cover



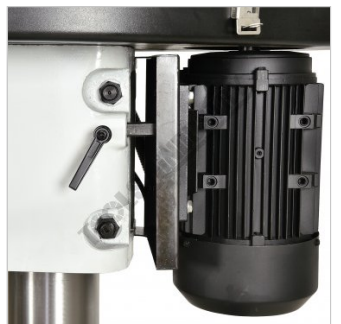
Table Cross Feed Handle



Table Longitudinal Handle



Coolant Hose Connection



Motor & Belt Tension Adjustment

HAFCO-METALMASTER Mill Drill - Belt Drive HM-32B



Motor Drive Rear View



Right Side View



Left Side View



Left View



Front View



Shown With Optional Stand
M135A

Description

This new model HM-32B 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 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 downfeed 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
- Fine feed hand wheel operating quill feed
- Forward and reverse on/off switch with emergency stop
- 3MT spindle with 75mm diameter quill
- Adjustable table and drill length stops
- Rack and pinion wind-up head

HAFCO-METALMASTER Mill Drill - Belt Drive HM-32B

- Rear slide-way cover and slide clamps on all axis
- Spindle lock for quill
- Table locks on both axis
- Metric dial graduations @ 0.05mm for X & Y axis

Includes

- Drill chuck & arbor
- 3MT-2MT drill sleeve
- Face cutter & arbor
- Interlocked spindle safety guard
- 1/2" x 12tpi whitworth drawbar
- M12 x 1.75mm metric drawbar

Specifications

ORDER CODE	M137
MODEL	HM-32B
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)	235
Vertical Travel (Z-Axis) (mm)	310
Type of Slides	Dovetail
Ram Travel (mm)	~
Spindle to Table (mm)	465
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)	55
Spindle Speeds Vertical (No./ rpm)	12 (100 - 2080)
Spindle Speeds Horizontal (No./ rpm)	~
Spindle Speeds - Universal Head	~
Motor Power - Vertical Spindle (kW / hp)	1.5 / 2

HAFCO-METALMASTER Mill Drill - Belt Drive HM-32B

Motor Power - Horizontal Spindle (kW / hp)	~
Motor Power - Universal Head	~
Voltage / Amperage (V / amp)	240 / 10
Nett Weight (kg)	310