



HAFCO-METALMASTER DMF-44

Pedestal Mill Drill - Geared & Tilting Head

Table Travel: (X) - 480mm (Y) - 200mm (Z) - 850mm



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Tilt Head Full View



Left View



Rear Left View



Rear Right View



Milling Head



Mill Head Close Up



Control Panel with Tapping Function



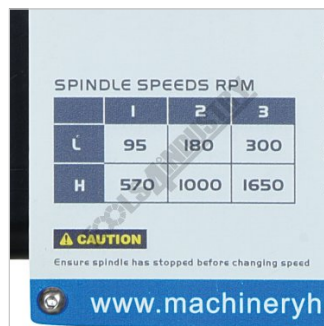
Geared Spindle Speed Dials



Adjustable Drilling Depth Stop



Quill Lock Lever



6 Drilling Speeds 95 ~ 165rpm



Interlocked Spindle Safety Guard



Rack & Pinion Wind Up Drill Head



Rack & Pinion Wind Up Table



Quill Handle



Quill Micro Fine Feed Dial

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Heavy Duty Motor



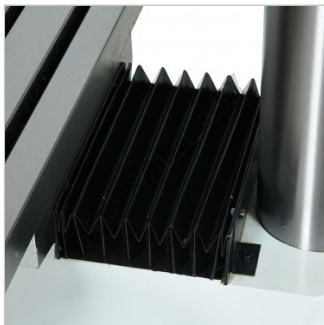
Draw Bar For Milling



Table With Coolant Return Hose



Flexible Coolant Hose



Concertina Rear Slide-Way Cover



Tilting Head $\pm 90^\circ$



Head Tilted To 45°



Main Isolation Switch



Table Cross Feed Handle



Table Longitudinal Handle



T Slotted Work Table



Work Table with Length Stops



T Slotted Base



Coolant Pump System



Coolant Pump



Milling Cutter

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Included Parts

Description

The DMF-44 pedestal milling & drilling machine offers a new dimension of milling capabilities compared to the standard conventional mill drills, as this machine allows you to have a longer job to fit onto the table or even mount your work directly to the machine base for maximum height clearance.

This machine has a tapping function switch to allow you to control the required depth when tapping holes. The milling head also has provisions to adjust up and down in addition to the worktable movement up & down as well, given you the optimum options to best suit your requirements.

The spindle on this machine is a 3 morse taper that is driven by a 2hp, 240V motor via gears in the head to ensure maximum drive without any slippage that can occur & generally inherited with belt drive heads.

Features

- Ideal for home or light industrial workshop use
- Geared head drill & mill machine with 3 morse taper spindle
- 6 drilling speeds from 95-1650rpm
- Thread tapping function
- Coolant pump system with flexible hose
- Micro down feed adjustment
- Mill head tilts to $\pm 90^\circ$
- Milling table travels 480 x 200mm
- Interlocked spindle safety guard
- Emergency stop switch and overload protection
- Adjustable accurate depth setting for increased productivity
- Rack and pinion wind-up table
- Rack and pinion wind-up drill head
- Thick walled column ensuring greater rigidity
- Concertina slide way cover on y axis
- Adjustable gibs on table
- 14mm T slotted work table and base
- 1.5kW 240V motor

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Includes

- Interlocked spindle safety guard
- Face milling cutter with inserts
- 13mm keyed drill chuck and arbor
- Chuck key to suit
- MT3 to MT2 drill sleeve adapter
- Drill drift tool to remove drill chuck or taper shank drills
- M12 x 1.75mm drawbar
- 1/2" x 12TPI drawbar

Specifications

ORDER CODE	D185
MODEL	DMF-44
Digital Readout	Optional
Type	Vertical
Table Size (mm)	730 x 210
Column Type	Ø125mm
Spindle Taper - Vertical	3MT
Spindle Taper - Horizontal	~
Longitudinal Travel (X-Axis) (mm)	480
Cross Travel (Y-Axis) (mm)	200
Vertical Travel (Z-Axis) (mm)	850
Type of Slides	Dovetail
Ram Travel (mm)	~
Spindle to Table (mm)	630
Spindle to Base	~
Spindle Travel / Diameter (mm)	120 / 75
Throat Depth (max.) (mm)	280
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)	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)	6 (95 - 1650)
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

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Nett Weight (kg)	390
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