

## HAFCO-METALMASTER DMF-42



**Pedestal Mill Drill - Geared & Tilting Head**

**Table Travel: (X) - 370mm (Y) - 175mm (Z) - 780mm**



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SPINDLE SPEEDS (r/min)			
MOTOR	I-L	I-M	I-H
LOW	95	170	280
HIGH	190	340	560
MOTOR	II-L	II-M	II-H
LOW	540	960	1600
HIGH	1080	1920	3200

12 Drilling Speeds from 95 3200rpm



Gear Selection Levers



Drawbar for Milling



Emergency Stop Switch and Overload Protection and Tapping Function



Front Controls



Swivel Safety Drilling Chuck Guard



Adjustable Accurate Depth Setting For Increased Productivity



Quill Handle



Rack and Pinion Wind Up Drill Head



Swivel Head



Table Cross Travel Handle



Table Longitudinal Travel Handle



T Slotted Base



Rack and Pinion Wind Up Table



T Slotted Work Table



Included Parts

## HAFCO-METALMASTER Pedestal Mill Drill - Geared & Tilting Head DMF-42

### Features

- Ideal for home or light industrial workshop use
- Geared head drill & mill machine with 3 morse taper spindle
- 12 drilling speeds from 95-3200rpm
- Tapping function M12 capacity
- Micro down feed adjustment
- Mill head tilts to  $\pm 90^\circ$
- Milling table travels 370 x 175mm
- Swivel safety drilling chuck 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
- 1.1kW 415V motor
- Includes drawbar for milling

### Includes

- Milling cutter
- 16mm keyed drill chuck and arbor
- Chuck key to suit
- Drill drift tool to remove drill chuck or taper shank drills
- Safety cutter guard

### Specifications

<b>ORDER CODE</b>	D181
<b>MODEL</b>	DMF-42
<b>Digital Readout</b>	Optional
<b>Type</b>	Vertical
<b>Table Size (mm)</b>	585 x 190
<b>Column Type</b>	Ø115mm
<b>Spindle Taper - Vertical</b>	3MT
<b>Spindle Taper - Horizontal</b>	~
<b>Longitudinal Travel (X-Axis) (mm)</b>	370
<b>Cross Travel (Y-Axis) (mm)</b>	175
<b>Vertical Travel (Z-Axis) (mm)</b>	780
<b>Type of Slides</b>	Dovetail
<b>Ram Travel (mm)</b>	~
<b>Spindle to Table (mm)</b>	780
<b>Spindle to Base</b>	1300
<b>Spindle Travel / Diameter (mm)</b>	120 / 75
<b>Throat Depth (max.) (mm)</b>	250
<b>Tilting Head (Left ~ Right)</b>	$\pm 90^\circ$
<b>Tilting Head (Forward ~ Back)</b>	Fixed
<b>Drilling Capacity (mm)</b>	31.5

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<b>End Milling Capacity (mm)</b>	28
<b>Face Milling Capacity (mm)</b>	80
<b>Power Feed - Quill (mm/rev)</b>	~
<b>Power Feed - Longitudinal (X-Axis) (mm/min)</b>	Optional
<b>Power Feed - Cross (Y-Axis) (mm/min)</b>	~
<b>Power Feed - Vertical (Z-Axis) (mm/min)</b>	~
<b>Table T-Slot Size (inch / mm)</b>	14
<b>Work Table Load Capacity (kg)</b>	55
<b>Spindle Speeds Vertical (No./ rpm)</b>	12 (95 - 3200)
<b>Spindle Speeds Horizontal (No./ rpm)</b>	~
<b>Spindle Speeds - Universal Head</b>	~
<b>Motor Power - Vertical Spindle (kW / hp)</b>	1.1 / 1.5
<b>Motor Power - Horizontal Spindle (kW / hp)</b>	~
<b>Motor Power - Universal Head</b>	~
<b>Voltage / Amperage (V / amp)</b>	415
<b>Nett Weight (kg)</b>	350