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Product Brochure For M637D

Heavy Duty Universal Bed Milling Machine - BM-1500

Table Travel: (X) - 1500mm (Y) - 670mm (Z) - 670mm



ORDER CODE:	M637D
MODEL:	BM-1500
Digital Readout:	3-Axis Digital Readout
Type:	Universal Head
Table Size (mm):	2100 x 500
Column Type:	~
Spindle Taper - Vertical:	NT50
Spindle Taper - Horizontal:	NT50
Longitudinal Travel (X-Axis) (mm):	1500
Cross Travel (Y-Axis) (mm):	670
Vertical Travel (Z-Axis) (mm):	670
Type of Slides:	Dovetail (X), Square (Y & Z)
Ram Travel (mm):	~
Spindle to Table (mm):	670
Spindle to Base:	~
Spindle Travel / Diameter (mm):	~
Throat Depth (max.) (mm):	610
Tilting Head (Left ~ Right):	±90º
Tilting Head (Forward ~ Back):	Fixed
Drilling Capacity (mm):	~
End Milling Capacity (mm):	~
Face Milling Capacity (mm):	~
Power Feed - Quill (mm/rev):	~
Power Feed - Longitudinal (X-Axis) (mm/min):	20 - 1800
Power Feed - Cross (Y-Axis) (mm/min):	20 - 1800
Power Feed - Vertical (Z-Axis) (mm/min):	10 - 900
Table T-Slot Size (inch / mm):	20
Work Table Load Capacity (kg):	2000
Spindle Speeds Vertical (No./ rpm):	12 (35 - 1345)
Spindle Speeds Horizontal (No./ rpm):	12 (35 - 1345)
Spindle Speeds - Universal Head:	~
Motor Power - Vertical Spindle (kW / hp):	7.5 / 10
Motor Power - Horizontal Spindle (kW / hp):	7.5 / 10
Motor Power - Universal Head:	~
Voltage / Amperage (V / amp):	415
Nett Weight (kg):	7300

Features

- 3 Axis digital readout fitted
- NT50 universal head swivels & tilts vertical to horizontal position
- Geared drive spindle speeds 12 steps 35-1345rpm
- 7.5kW / 10hp 415V main spindle motor
- Servo controlled feed motors on X & Y & Z-Axis with electric brake ensures accuracy and consistent feed
- Hardened ballscrew X & Y-Axis providing smooth and accurate operation
- Rapid feed servo controlled on X & Y & Z-Axis
- Hardened & ground work table & slide-ways
- Square construction slides for X & Z-Axis to maximise rigidity
- Large 2100 x 500mm slotted work table
- High grade casting for additional strength & minimal deformation
- Quality electrics & overload protection in an easy access enclosure
- High / neutral and low gear selection lever to maximise torque
- Micro switch on the manual knee handle for additional operator safety
- Metric dial graduations @ 0.02mm for X , Y & Z-Axis
- Automatic oil lubrication pump and reservoir
- Table trays each end of work table
- Clutch hand wheels X & Y-Axis
- Toolbox and manual

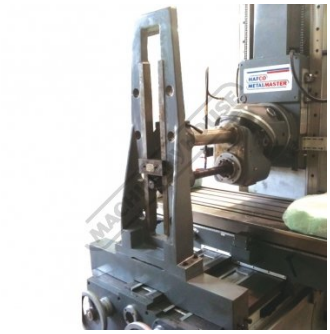
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- X & Y and Z-Axis servo controlled power-feed with rapid
- X & Y-Axis Longitudinal & Cross Rapid 3700mm/min
- Z-Axis Vertical Rapid 1750mm/min
- Floor Space Required: 4925 x 2380mm

Includes

- Universal head
- Horizontal arbor & supports
- Halogen light
- Coolant system
- Tool box
- Operations manual

Specific Features


Horizontal Attachment


Horizontal Attachment Side View