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Product Brochure For M638D

Heavy Duty Universal Milling Machine - BM-1600

Table Travel: (X) - 1310mm (Y) - 300mm (Z) - 410mm

Includes Digital Readout System & Servo Controlled X, Y & Z-Axis Feed System



On Sale

Ex GST	Inc GST
~~$30,950.00~~	~~$34,045.00~~
$29,990.00	$32,989.00

ORDER CODE:	M638D
MODEL:	BM-1600
Digital Readout:	3-Axis Digital Readout
Type:	Universal Head
Table Size (mm):	1600 x 360
Column Type:	Dovetail
Spindle Taper - Vertical:	NT50
Spindle Taper - Horizontal:	NT50
Longitudinal Travel (X-Axis) (mm):	1310
Cross Travel (Y-Axis) (mm):	300
Vertical Travel (Z-Axis) (mm):	410
Type of Slides:	Dovetail (X), Square (Y & Z)
Ram Travel (mm):	45 - 745
Spindle to Table (mm):	150 - 560
Spindle to Base:	~
Spindle Travel / Diameter (mm):	~
Throat Depth (max.) (mm):	~
Tilting Head (Left ~ Right):	360º
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):	30 - 750
Power Feed - Cross (Y-Axis) (mm/min):	20 - 500
Power Feed - Vertical (Z-Axis) (mm/min):	15 - 375
Table T-Slot Size (inch / mm):	18
Work Table Load Capacity (kg):	400
Spindle Speeds Vertical (No./ rpm):	12 / 60 - 1750
Spindle Speeds Horizontal (No./ rpm):	12 / 60 - 1800
Spindle Speeds - Universal Head:	27 (30 - 2050)
Motor Power - Vertical Spindle (kW / hp):	4 / 5.5
Motor Power - Horizontal Spindle (kW / hp):	5.5 / 7.5
Motor Power - Universal Head:	~
Voltage / Amperage (V / amp):	415
Nett Weight (kg):	4500

Description

The BM-1600 universal milling machine features a solid, heavy cast iron construction, making this model ideal for heavy machining of oversize workpieces.
The servo-controlled feed system ensures constant torque when removing metal under extreme load. All this is combining with and extra-large hardened & ground working table with long travels to match.

Features

- 3-Axis digital readout fitted
- Large 1600 x 360mm slotted work table
- NT50 universal head swivels 360º & tilts vertical to horizontal position
- Servo controlled feed motors on X, Y & Z-Axis ensures constant torque
- Rigid, torsion-proof construction, dovetail guide X & Z-Axis & wide square guides Y-Axis

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- Robust transmission with hardened and ground gears & slide-ways
- Hardened & ground work table & all X, Y & Z-Axis slideways
- Swivel table left & right with graduated scale
- Oil lubrication pump and reservoir
- High grade casting for additional strength & minimal deformation
- Quality electrics & overload protection in an easy access enclosure
- Table trays each end of work table
- Slide-way cover Y & Z-Axis

Includes

- 3-Axis digital readout fitted
- Safety cutter guard
- Coolant system
- LED light
- One-shot oil lubrication pump and reservoir
- Base swarf tray
- NT50 x ER40 Collet Chuck Set with 8 Collets
- NT50 x 40mm Face Mill Arbour
- NT50 x 4MT Adaptor
- NT50 x 27mm Horizontal Arbour
- NT50 x 32mm Horizontal Arbour
- M24 drawbar for Universal Head Spindle
- M24 drawbar for Horizontal Spindle

Specific Features


Rear View


Control Panels


Safety Milling Guard


Top Gear Adjustment and Chart


Speed Contol Chart


Front View


Right Side


Left Side

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Head Tilt



Work Table



Lubrication



Mill Head



Top View



Accessories