Sydney: (02) 9890 9111
Brisbane: (07) 3715 2200
Melbourne: (03) 9212 4422
Perth: (08) 9373 9999
Adelaide: (08) 9373 9969
sales@machineryhouse.com.au
www.machineryhouse.com.au

Product Brochure For M603D

Industrial Turret Milling Machine - BM-30A

Table Travel: (X) - 760mm (Y) - 360mm (Z) - 430mm
Includes Digital Readout System



On Sale

Ex GST	Inc GST
~~$13,950.00~~	~~$15,345.00~~
$13,500.00	$14,850.00

ORDER CODE:	M603D
MODEL:	BM-30A
Digital Readout:	3-Axis Counter, X, Y Scales
Type:	Vertical
Table Size (mm):	1270 x 254
Column Type:	~
Spindle Taper - Vertical:	NT30
Spindle Taper - Horizontal:	~
Longitudinal Travel (X-Axis) (mm):	760
Cross Travel (Y-Axis) (mm):	360
Vertical Travel (Z-Axis) (mm):	430
Type of Slides:	Dovetail
Ram Travel (mm):	520
Spindle to Table (mm):	505
Spindle to Base:	~
Spindle Travel / Diameter (mm):	127 / 86
Throat Depth (max.) (mm):	740
Tilting Head (Left ~ Right):	±90º
Tilting Head (Forward ~ Back):	±45º
Drilling Capacity (mm):	~
End Milling Capacity (mm):	~
Face Milling Capacity (mm):	~
Power Feed - Quill (mm/rev):	0.015 / 0.04 / 0.08
Power Feed - Longitudinal (X-Axis) (mm/min):	20 - 2000
Power Feed - Cross (Y-Axis) (mm/min):	Optional
Power Feed - Vertical (Z-Axis) (mm/min):	Optional
Table T-Slot Size (inch / mm):	5/8
Work Table Load Capacity (kg):	250
Spindle Speeds Vertical (No./ rpm):	8 (80 - 2720)
Spindle Speeds Horizontal (No./ rpm):	~
Spindle Speeds - Universal Head:	~
Motor Power - Vertical Spindle (kW / hp):	2.2 / 3
Motor Power - Horizontal Spindle (kW / hp):	~
Motor Power - Universal Head:	~
Voltage / Amperage (V / amp):	240 / 20
Nett Weight (kg):	1100

Description

The BM-30A Industrial turret milling machine is manufactured in Taiwan to a strict precision engineering ultra-high tolerance & superior excellence to cope with many jobs set out by the professional machinist and importantly to deliver many years of valuable & reliable service.

This small but robust milling machine package is complete with a few of the most desirable features like, turcite B coated X & Y slide-ways that reduces friction to provide smooth table movement even when loaded up with a heavy job, hardened & ground work table & slide-ways, X-axis auto power-feed with adjustable feed stops and a 3-axis digital readout counter plus X & Y scales fitted as standard.

Another reliable feature in this range of precision milling machines is the manufacturing process of the main body & supports, it is made up form the highest quality Meehanite® cast iron. The key to the undisputed success of Meehanite® metals is the rigid application of its patented manufacturing process to provide ultimate strength & durability performance.

To conclude this BM-30A turret milling machine may be small in structure but holds its own when put to the test to perform its duties to produce quality precise parts.

Sydney: (02) 9890 9111
Brisbane: (07) 3715 2200
Melbourne: (03) 9212 4422
Perth: (08) 9373 9999
Adelaide: (08) 9373 9969
sales@machineryhouse.com.au
www.machineryhouse.com.au

Product Brochure For M603D

Features

- 3-Axis digital readout counter fitted with 2-Axis X & Y scales only
- 3HP 240V motor, 8-speeds V-belt drive system
- NT30 Spindle taper with a chrome & ground quill
- Hardened & ground work table & slide-ways
- Turcite B coated X & Y-Axis slide-ways reduces friction for smooth operation
- All slides utilise dovetail construction for maximum rigidity
- Meehanite casting for high strength & minimal deformation
- Quality electrics & overload protection in an easy access enclosure
- Horizontal travelling ram mounted on a rotating base allowing repositioning of spindle
- The ram incorporates a tail lug (spigot) to accept a slotting attachment etc.
- High / neutral and low gear selection lever to maximise torque
- Align CE-300S X-Axis power-feed with adjustable micro switch feed stops
- Metric dial graduations @ 0.02mm for X , Y & Z-Axis
- Automatic quill feed 0.015, 0.04, 0.08mm/rev
- Automatic cut off depth stop on quill
- Oil lubrication pump and reservoir
- Slideway covers Y & Z-Axis
- Mill head tilts to ±45º forward and back
- Mill head tilts to ±90º left and right
- Manual quick action quill lever
- Mechanical spindle brake
- Low voltage LED work light
- Tool box and manual

Includes

- 3-Axis digital readout counter fitted with 2-Axis X & Y scales only
- One-shot oil lubrication pump and reservoir
- Drawbar M12 thread
- Coolant system
- Slideway covers
- X-Axis power-feed
- LED Work light
- Safety cutter guard
- Swarf tray

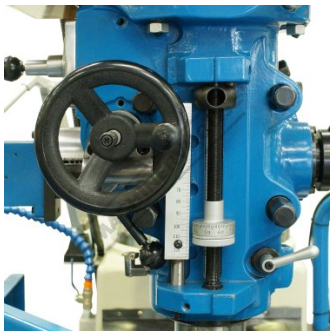
Specific Features


Left View


Control Panel


3 Axis Digital Readout System


Safety Chuck Guard


Quill Feed Depth Stop


Spindle Foward Reverse Switch



Feed Range Selector


Halogen Worklight and Coolant Hose

Sydney: (02) 9890 9111
Brisbane: (07) 3715 2200
Melbourne: (03) 9212 4422
Perth: (08) 9373 9999
Adelaide: (08) 9373 9969
sales@machineryhouse.com.au
www.machineryhouse.com.au

Product Brochure For M603D


Table Feed Limit Switches


Quill Feed Engagement Lever



Head Controls



Spindle Brake Lever



Speed Chart


Head Right Side View


Head Left Side View


X Axis Dial



Feed Engage Disengage Drive



Feed Engage Disengage Drive 2


Universal Tilting and Rotating Head


Adjustable Swivel Sliding Ram


Tail Lug Spigot Supports Slotting Head


X Axis Power Feed with Rapid


Knee Feed Handle

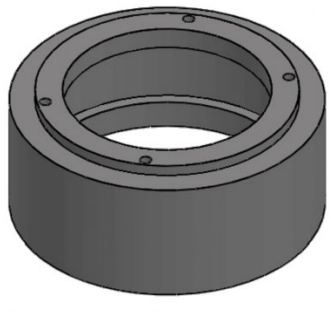

Lubrication Pump



Y Axis Handle

Recommended Accessories

M223
Riser Spacer - Suits Turret Milling Machines



C091
Clamp Kit 58 piece - Workshop Series



C928
Collet & Chuck Set - 20 Piece



M3301
Metric HSS Slot Drill & End Mill Set - 10 Piece



M3321
Imperial HSS Slot Drill & End Mill Set - 10 Piece



M184
Precision Boring Head



M185
Precision Universal Facing & Boring Head



M197
Boring Head Shank



Sydney: (02) 9890 9111
Brisbane: (07) 3715 2200
Melbourne: (03) 9212 4422
Perth: (08) 9373 9999
Adelaide: (08) 9373 9969
sales@machineryhouse.com.au
www.machineryhouse.com.au

Product Brochure For M603D

M181
Boring Bar Set - 12 piece



M181A
Boring Bar Set - 4 piece



V306
Vertex Anglock Machine Vice



C290
Heavy Duty Drill Chuck - Keyed Type



C294
Industrial Drill Chuck - Keyless Type



D451
NT30 x JT3 Drill Chuck Arbor



M250
Parallel Set - 8 Piece



M252
Parallel Set - 18 Piece



R008
Vertex Rotary Table



R010
Vertex Rotary Table



D001
Vertex Dividing Head - Semi Universal



C280
3 Jaw Self Centring Lathe Chuck



Sydney: (02) 9890 9111
Brisbane: (07) 3715 2200
Melbourne: (03) 9212 4422
Perth: (08) 9373 9999
Adelaide: (08) 9373 9969
sales@machineryhouse.com.au
www.machineryhouse.com.au

Product Brochure For M603D

R002
Vertex Super Indexing Head



M510
Face Mill 90º - Positive Rake



M512
Face Mill 90º - Positive Rake



M503
Face Mill 90º - Positive Rake



M515
Face Mill 45º - Super High-Rake



M517
Face Mill 45º - Super High-Rake



M518
Face Mill 45º - Super High-Rake



L065
KYOCERA Carbide Inserts - Milling



L066
KYOCERA Carbide Inserts - Milling



L059
Carbide Inserts - Milling



M540
Face Mill Arbor



M542
Face Mill Arbor



Sydney: (02) 9890 9111
Brisbane: (07) 3715 2200
Melbourne: (03) 9212 4422
Perth: (08) 9373 9999
Adelaide: (08) 9373 9969
sales@machineryhouse.com.au
www.machineryhouse.com.au

Product Brochure For M603D

M544
Face Mill Arbor



M545
Face Mill Arbor



M2295
Power Feed Unit



M229
Power Feed Unit



M225
Precision Slotting Head Attachment



S090A
Soluble Metal Cutting Fluid - 1 Litre



S090
Soluble Metal Cutting Fluid - 5 Litre



S076
Cutting Tool Lubricant Fluid - 500ml



S077
Drilling, Tapping & Cutting Tool Lubricant Spray - 400g



S075
Cutting Tool Lubricant Paste - 200g



S074
Cutting Tool Lubricant Paste - 500g



L300
Magnetic Swarf Remover



Sydney: (02) 9890 9111
Brisbane: (07) 3715 2200
Melbourne: (03) 9212 4422
Perth: (08) 9373 9999
Adelaide: (08) 9373 9969
sales@machineryhouse.com.au
www.machineryhouse.com.au

Product Brochure For M603D

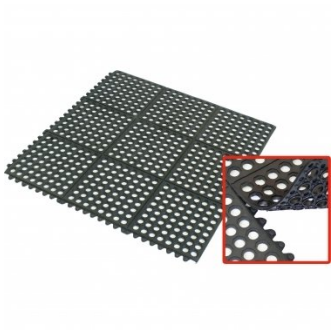
M9991
Magnetic Floor Sweeper



M800
Rubber Mat - Anti-Fatigue



M805
Rubber Mat - Anti-Fatigue



O000
SpillFix Universal Organic Absorbent



O043
Rust & Corrosion Preventive



O042
General Purpose Lubricant & Corrosion Inhibitor



O040
Rust & Corrosion Preventive



O044
Rust & Corrosion Preventive

