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Product Brochure For M586D

# Industrial Turret Milling Machine - Horizontal & Vertical - BM-GEVS250

Table Travel: (X) - 700mm (Y) - 250mm (Z) - 440mm
Includes DRO & Pneumatic Drawbar System

| Ex GST | Inc GST |
|---|---|
| $38,980.00 | $44,827.00 |



| | |
|---|---|
| ORDER CODE: | M586D |
| MODEL: | BM-GEVS250 |
| Digital Readout: | 3-Axis Digital Readout |
| Type: | Vertical & Horizontal |
| Table Size (mm): | 1100 x 250 |
| Column Type: | ~ |
| Spindle Taper - Vertical: | NT40 |
| Spindle Taper - Horizontal: | NT40 |
| Longitudinal Travel (X-Axis) (mm): | 700 |
| Cross Travel (Y-Axis) (mm): | 250 |
| Vertical Travel (Z-Axis) (mm): | 440 |
| Type of Slides: | Dovetail (X, Y & Z) |
| Ram Travel (mm): | 300 |
| Spindle to Table (mm): | 470 |
| Spindle to Base: | ~ |
| Spindle Travel / Diameter (mm): | 127 / 105 |
| Throat Depth (max.) (mm): | 500 |
| Tilting Head (Left ~ Right): | ±90º |
| Tilting Head (Forward ~ Back): | ~ |
| Drilling Capacity (mm): | ~ |
| End Milling Capacity (mm): | ~ |
| Face Milling Capacity (mm): | ~ |
| Power Feed - Quill (mm/rev): | 0.037 / 0.076 / 0.152 |
| Power Feed - Longitudinal (X-Axis) (mm/min): | 0.02 - 0.20 |
| Power Feed - Cross (Y-Axis) (mm/min): | Optional |
| Power Feed - Vertical (Z-Axis) (mm/min): | Rapid |
| Table T-Slot Size (inch / mm): | 5/8 |
| Work Table Load Capacity (kg): | 300 |
| Spindle Speeds Vertical (No./ rpm): | Variable (60 - 3600) |
| Spindle Speeds Horizontal (No./ rpm): | 6 (40 - 980) |
| Spindle Speeds - Universal Head: | ~ |
| Motor Power - Vertical Spindle (kW / hp): | 3.75 / 5 |
| Motor Power - Horizontal Spindle (kW / hp): | 2.25 / 3 |
| Motor Power - Universal Head: | ~ |
| Voltage / Amperage (V / amp): | 415 |
| Nett Weight (kg): | 1350 |

## Features

- Vertical spindle, Yaskawa inverter variable speed drive 60 – 3600rpm
- Horizontal spindle, 40-980 rpm speeds controlled by gear selection levers with oil bath lubrication
- 5HP vertical & 3HP horizontal spindle motors provide exceptional machining power
- NT40 spindle taper with Ø105mm chrome hardened and ground quill
- 1100 x 250mm hardened and ground worktable with ±45º left and right swivel
- Automatic quill feed 0.037, 0.076, 0.152mm/rev
- Vertical mill head swivels ±45º to left and right
- Spindle guard with micro switch
- 3-Axis digital readout fitted
- Pneumatic draw bar system for quick and effortless tool change
- Heavy duty gear driven X Axis power-feed
- Z-Axis powered elevating motor
- Metric dial graduations @ 0.02mm for X , Y & Z-Axis
- Meehanite castings for superior rigidity
- Hardened and ground dovetail guideways
- Turcite-B coating on X & Y-Axis ways for wear resistance and smooth operation
  Auto lubrication system maintains proper lubrication to all slideways

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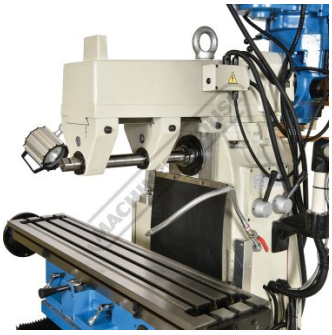
# Product Brochure For M586D

## Includes

- 3-Axis Digital Readout Fitted
- Automatic Lubrication System
- LED Lamp
- Coolant System
- Slide-way Covers
- Safety Cutter Guard
- Swarf Tray
- 1" Horizontal Arbor
- 2 x Horizontal Arbor Supports
- 2 x M16 Drawbars

## Specific Features


Horizontal Head Setup


Horizontal Head Setup Close Up


Swivel Arm Control Panel



3 Axis Digital Read Out



Control Panel



Gear Drive Table Feed



Horizontal Speed Selection Levers



Spindle Controls


Swivel Table



Tilting Mill Head Left & Right to 90 Degrees


Rotating Horizontal Ram


Z Axis Feed Handle with Micro

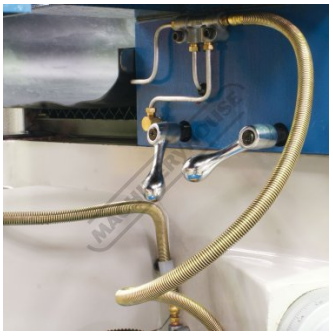
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Z Axis Rapid Motor


Automatic Slideway Lubrication System

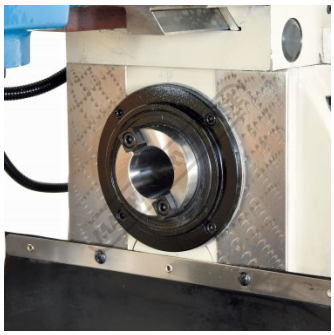

Y Axis Table Locks


Oil Feeder Distribution Block


Y Axis Feed Handle


X Axis Feed Handle


Air Powered Draw Bar System


Horizontal Spindle


Quill Feed Depth Stop



Variable Inverter Speed

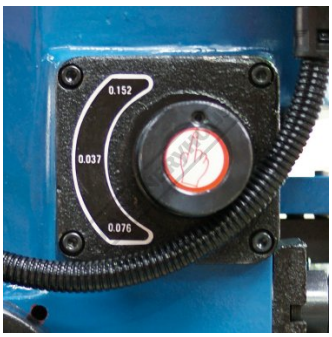


Air Powered Draw Bar Control


Mill Head Right Side View



Quill Feed Engagement Dial



3 Speed Quill Feed


Mill Head Left Side View



High Low Spindle Speed Gear Lever

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# Product Brochure For M586D



Includes Horizontal Arbor

## Recommended Accessories

M184
Precision Boring Head



M197A
Boring Head Shank



C290
Heavy Duty Drill Chuck - Keyed Type



C292
Industrial Drill Chuck - Keyless Type



C294
Industrial Drill Chuck - Keyless Type



D446
NT40 x JT6 Drill Chuck Arbor - M16 Threaded Shank



D448
NT40 x JT3 Drill Chuck Arbor - M16 Threaded Shank



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



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# Product Brochure For M586D

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



C966
Collet & Chuck Set - 25 Piece



V105
Vertex K-Type Milling Vice



V106
Vertex K-Type Milling Vice



V305
Vertex Anglock Machine Vice



V306
Vertex Anglock Machine Vice



R008
Vertex Rotary Table



R010
Vertex Rotary Table



D001
Vertex Dividing Head - Semi Universal



D002
Vertex Dividing Head - Semi Universal



R002
Vertex Super Indexing Head



C280
3 Jaw Self Centring Lathe Chuck



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# Product Brochure For M586D

C2806
3 Jaw Self Centring Lathe Chuck



M247
Air Power Drawbar



M2295
Power Feed Unit



M229
Power Feed Unit



L065
KYOCERA Carbide Inserts - Milling



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




M550
Face Mill Arbor



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# Product Brochure For M586D

M552
Face Mill Arbor



M554
Face Mill Arbor



M555
Face Mill Arbor



L066
KYOCERA Carbide Inserts - Milling



M252
Parallel Set - 18 Piece



M250
Parallel Set - 8 Piece



M519
End Mill - Ø12mm




M520
End Mill - Ø16mm




M521
End Mill - Ø20mm



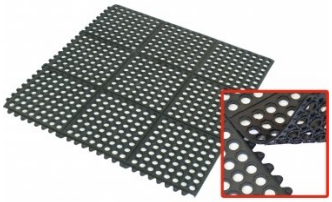

L059
Carbide Inserts - Milling




M800
Rubber Mat - Anti-Fatigue



M805
Rubber Mat - Anti-Fatigue



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# Product Brochure For M586D

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




S074
Cutting Tool Lubricant Paste - 500g




O043
Rust & Corrosion Preventive




O042
General Purpose Lubricant & Corrosion Inhibitor




O044
Rust & Corrosion Preventive

