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Product Brochure For M586E

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

Table Travel: (X) - 700mm (Y) - 250mm (Z) - 440mm
Includes DRO, BS-2 Universal Dividing Head & Pneumatic Drawbar System



Please Call

ORDER CODE:	M585E
NSW DOE Item No.:	~
QLD DOE Item No.:	~
MODEL:	BM-GEVS250
Digital Readout:	3-Axis Digital Readout
Drilling Capacity (mm):	~
End Milling Capacity (mm):	~
Face Milling Capacity (mm):	~
Spindle Taper:	NT40
Quill Travel / Diameter (mm):	127 / 105
Spindle to Table (mm):	470
Type of Slides:	Dovetail (X,Y & Z)
Spindle to Column (mm):	500
Table Size (mm):	1100 x 250
T-Slot (mm):	5/8"
Longitudinal Travel (X-Axis) (mm):	700
Cross Travel (Y-Axis) (mm):	250
Vertical Travel (Z-Axis) (mm):	440
Work Table Load Capacity (kg):	300
Swivel Head (Left - Right):	±90º
Quill Feed Rate/Rev (mm/rev):	0.037 / 0.076 / 0.152
Spindle Speeds (Vertical) (No. / rpm):	Variable (60 - 3600)
Spindle Speeds (Horizontal) (No. / rpm):	6 (40 - 980)
Motor Power (Vertical) (kW / hp):	3.75 / 5
Motor Power (Horizontal) (kW / hp):	2.25 / 3
Motor Voltage (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
- 1100 x 250mm hardened and ground worktable with ±45º left and right swivel
- NT40 spindle taper with Ø105mm chrome hardened and ground quill
- 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
- Universal BS-2 dividing head with chuck and guarding

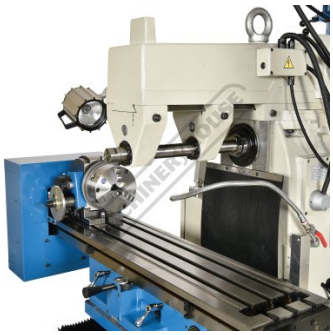
Includes

- 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


Universal Dividing Head


Swivel Arm Control Panel



3 Axis Digital Read Out



Control Panel



Gear Drive Table Feed



Horizontal Speed Selection Levers



Spindle Controls


Swivel Table



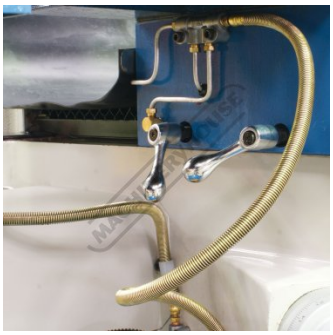
Tilting Mill Head Left & Right to 90 Degrees


Rotating Horizontal Ram


Z Axis Feed Handle with Micro


Z Axis Rapid Motor


Automatic Slideway Lubrication System


Y Axis Table Locks

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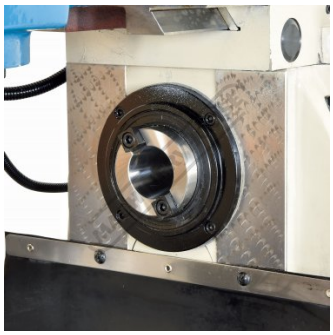
Product Brochure For M586E


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

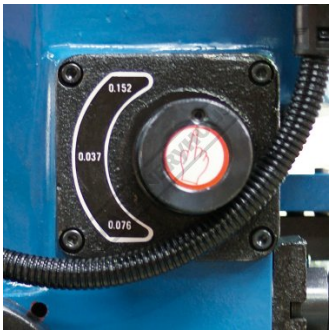


Air Powered Draw Bar Control


Mill Head Right Side View



Quill Feed Engagement Dial



3 Speed Quill Feed


Mill Head Left Side View



High Low Spindle Speed Gear Lever

Includes Horizontal Arbor

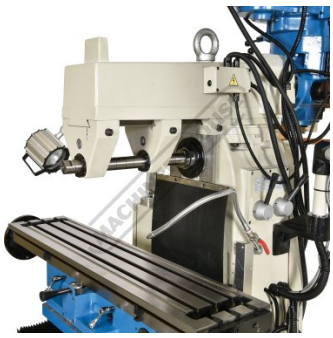

Left View


Removed Dividing Head

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Removed Dividing Head Horizontal Head Setup



Removed Dividing Head Horizontal Head Setup Close Up

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 M586E

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 M586E

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 M586E

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



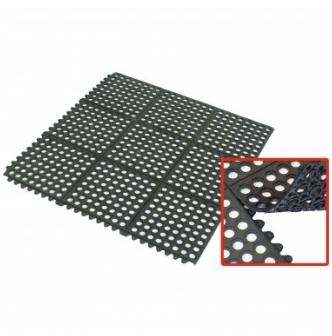
L059
Carbide Inserts - Milling



M800
Rubber Mat - Anti-Fatigue



M805
Rubber Mat - Anti-Fatigue



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Product Brochure For M586E

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



O000
SpillFix Universal Organic Absorbent



O043
Rust & Corrosion Preventive



O042
General Purpose Lubricant & Corrosion Inhibitor



O040
Rust & Corrosion Preventive



O044
Rust & Corrosion Preventive

