

Mechanical All Geared Universal and Vertical Milling Machines



All Geared Universal Milling Machine
Model: BM 2 GH (AFR) E



All Geared Universal Milling Machine
Model: BM 3 GH (AFR) E



All Geared Vertical Milling Machine

All Geared Universal and Vertical Milling Machines with 12 speeds head and 18 feeds in X Y Z movement
One rapid traverse - Single lever drive for vertical and cross feeds

Model:	BM 2 GH (AFR) E	BM 3 GH (AFR) E	BM 4 GH (AFR) E	BM 2 GV (AFR) E	BM 3 GV (AFR) E	BM 4 GV (AFR) E
Type:	Universal	Universal	Universal	Vertical	Vertical	Vertical
Working Surface of Table (mm):	1270 x 300	1400 x 330	1600 x 330	1270 x 300	1400 x 330	1600 x 330
T-Slot Numbers / Size (mm):	3 / 16	3 / 16	3 / 16	3 / 16	3 / 16	3 / 16
T-Slot Centre (mm):	70	80	80	70	80	80
Swivel of Table:	± 40°	± 40°	± 40°	--	--	--
Longitudinal Travel (X) (mm):	700	800	1000	700	800	1000
Cross Travel (Y) (mm):	215	260	340	215	260	340
Vertical Travel (Z) (mm):	450	510	600	450	510	600
Number of Feeds:	18	18	18	18	18	18
Range of Longitudinal Feed / min:	23 - 420	23 - 420	23 - 420	23 - 420	23 - 420	23 - 420
Range of Cross Feed / min:	23 - 420	23 - 420	23 - 420	23 - 420	23 - 420	23 - 420
Range of Vertical Feed / min:	3 - 70	3 - 70	3 - 70	3 - 70	3 - 70	3 - 70
Number of Rapid Feed:	1	1	1	1	1	1
Rapid Long and Cross / min:	1050	1050	1050	1050	1050	1050
Rapid Vertical / min:	175	175	175	175	175	175
Number of Spindle Speeds:	12	12	12	12	12	12
Range of Spindle Speeds (RPM):	40 to 1200	40 to 1200	40 to 1200	40 to 1200	40 to 1200	40 to 1200
Spindle Taper:	ISO 40	ISO 40	ISO 40	ISO 40	ISO 40	ISO 40
Arbor Diameter (mm):	25.4 or 27	25.4 or 27	25.4 or 27	25.4 or 27	25.4 or 27	25.4 or 27
Main Motor (HP):	3	5	7.5	3	5	7.5
Feed Motor (HP):	2	2	3	2	2	3
Coolant Motor (HP):	0.1	0.1	0.1	0.1	0.1	0.1
Distance Spindle Centre to Column Face (mm):	--	--	--	350	406	406
Vertical Movement of Quill Feed (mm):	--	--	--	75	100	100
Overall Dimensions (mm):	1730 x 1370 x 2000	1820 x 1600 x 2180	1980 x 1680 x 2340	1730 x 1370 x 2000	1820 x 1600 x 2180	1980 x 1680 x 2340
Net / Gross Weight (Kgs.):	2000 / 2300	3000 / 3300	3400 / 3750	2000 / 2300	3000 / 3300	3400 / 3750
Shipping Volume (m ³):	4.75	6.40	7.80	4.75	6.40	7.80

Standard Accessories:

Electric motor, Electric Control Panel, Coolant pump, Steel Bellows, Manual Lubrication Pump.

Optional Accessories:

Universal Machine: Vertical Attachment Head, Slotting Attachment, Rack Cutting Attachment, Dividing Head, Rotary Table, Milling Machine Vice, Collet Adapter, Collets.

Vertical Machine: Dividing Head, Rotary Table, Milling Machine Vice, Collet Adapter, Collets, Stub Milling Arbor.