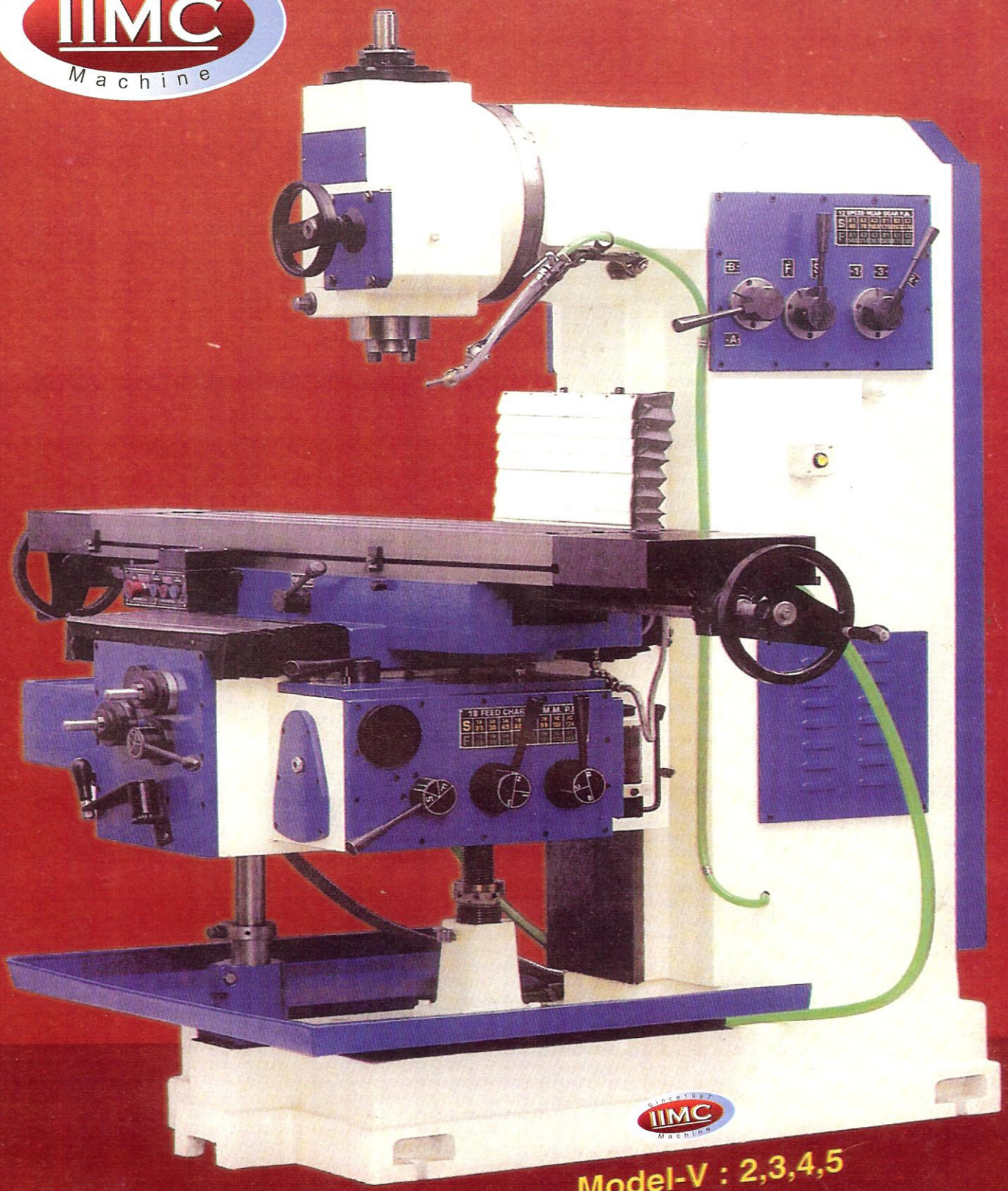
All Geared Vertical Milling Machines

Since 1987 IIMC Machine



Model-V : 2,3,4,5

Salient Features

All Geared Universal and Vertical Milling Machines with 12 speeds head, 18 feeds in X.Y.Z. Movement, one repaid travers, complete Electricals, Motors I.S.I Make, Including Electrical control panel, Coolant pump, Bellows, Lubrication System with manual Pump, Tapper Jibs, Wipers Stips, Vertical and cross feeds Single Lever drive.

Extra Accessories : Vertical Head, Parking Bracket, Slotting Attachment, Rack Cutting Attachment, Dividing Head, Rotary Table, Milling Machine Vice, Machine Lamp, DRO, Boring Head, Collet, Adapters.

Note : We are also manufacturing Hydraulic & S.P.M Milling Machines

SPECIFICATIONS ALL GEARED UNIVERSAL MILLING MACHINES

MODEL	AGM 2U	AGM 3U	AGM 4U	AGM 5U
TABLE				
Working Surface	1300 x 300	1400 x 330	1600 x 350	1800 x 400
T.Slot Nos/Size	3.16	3.22 T NUT	3.22 T NUT	3.22 T NUT
T.Slot Centre	70	80	85	90
Swivel	±45°	+45°	±45°	+45°
Longitudinal Travel by power X	700	800	1000	1200
Cross Travel by power Y	215	260	340	380
Vertical Trave by power Z	450	510	600	650
FEEDS				
No. Of Feeds	18	18	18	18
Range of Longitudinal Feed/Min.	23-420	23-420	23-420	23-420
Range of Cross Feed/Min.	23-420	23-420	23-420	23-420
Range of Vertical Feed/Min.	3-70	3-70	3-70	3-70
No.of Rapid Feed	1	1	1	1
Rapid Long & Cross/Min.	1050	1050	1050	1050
Rapid Vertical/Min.	175	175	175	175
SPINDLE				
No. Of Spindle Speeds.	12	12	12	12
Range of Spindle Speeds.	40 to 1200 RPM	40 to 1200 RPM	40 to 1200 RPM	40 to 1200 RPM
Spindle Taper	ISO - 40	ISO - 40	ISO - 40	ISO - 50
Arbor Diameter	25.4	25.4	32	40
POWER				
Main Motor	3 H.P.	5 H.P.	7.5 H.P.	10 H.P.
Feed Motor	2 H.P.	2 H.P.	3 H.P.	3 H.P.
Coolant Motor	0.1 H.P.	0.1 H.P.	0.1 H.P.	0.1 H.P.
SHIPPING DIMENSIONS				
Length x Width x Height (in Cms.)	173 x 137 x 200	182 x 160 x 218	198 x 168 x 234	210 x 180 x 255
Net Weight K.gs.	2200	3200	3700	4500
Gross Weight K.gs.	2600	3700	4300	5000

SPECIFICATIONS ALL GEARED VERTICAL MILLING MACHINES

MODEL	AGM 2V	AGM 3V	AGM 4V	AGM 5V
TABLE				
Working Surface	1300 x 300	1400 x 330	1600 x 350	1800 x 400
No. And width of T Nut	3.16	3.22 T NUT	3.22 T NUT	3.22 T NUT
centre distance between T slots	70	80	85	90
Longitudinal traverse by power X	700	800	1000	1200
Cross traverse by power Y	215	260	340	380
Vertical traverse by power Z	450	510	600	650
Min. Distance from left hand table end to spindle center	250	300	350	400
Max. Safe weight on table	300	400	600	800
MILLING SPINDLE				
No. Of Speeds	12	12	12	12
Speeds Range	40-1200	40-1200	40-1200	40-1200
Spindle nose	ISO - 40	ISO - 40	ISO - 40	ISO - 50
Min./Max. Distance, centre milling spindle/lower face of milling spindle to table top surface	40-450	60-510	60-600	60-650
Distance spindle centre to column	320	350	370	400
Face vertical movement of quill	75	95	95	100
Swivel of milling head on either side	45°	45°	45°	45°
FEEDS				
No. Of Feeds	18	18	18	18
Feed range : Long & Cross	23-420	23-420	23-420	23-420
Vertical	3-70	3-70	3-70	3-70
Rapid Traverse : Long & Cross	1050	1050	1050	1050
Vertical	175	175	175	175
POWER				
Main Motor	3 H.P.	5 H.P.	7.5 H.P.	10 H.P.
Feed Motor	2 H.P.	2 H.P.	3 H.P.	3 H.P.
Coolant Motor	0.1 H.P.	0.1 H.P.	0.1 H.P.	0.1 H.P.
SHIPPING DIMENSIONS				
Length x Width x Height	188 x 157 x 208	213 x 175 x 234	246 x 188 x 246	260 x 200 x 260
Net Weight	2200	3200	3700	4500
Gross Weight	2600	3700	4300	5000

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