



INDIA INTERNATIONAL MARKETING COMPANY



MILLING MACHINES - IIMC ALL GEARED VERTICAL MILLING MACHINES MODEL V



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, Motrors I.S.I Make, Including Electrical Control, panel, Coolant pump, Bellows, Lubrication Systems with manual Pump, Tapper Jibs, Wipers Stips, Vertical and cross feeds single Lever drive.

Highlight

In Fabrication of IIMC Milling Machines we used High Quality Close grained cast Iron. All slides Grinded on Slideway Grinder and Closely scraped. All Gears made of Ncihel – Chroms Steel and hardened. Steel Sliding gears carried on splined shafts, shafts Spindle and Arbor made of alloy steel hardened and ground. All the shafts and screw made out of alloy steel. Maximum simplicity of mechanical design ease

of control.

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 TNUT	3.22 TNUT
centre distance between T slots	70	80	85	90
Longitudinal traverse by power X	700	800	1000	1200
Cross traverse by power V	215	260	340	380
Vertical traverse by power Z	450	510	600	650
Mm. 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

Standard Accessories

Main Drive Electric Motor, Feed Gear Box Electric Motor, Coolant System, Vee Belts, Control Panel, Steel Belows, First Fill Of Oils And Lubricants

Optional Accessories

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



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