



INDIA INTERNATIONAL MARKETING COMPANY



## MILLING MACHINES - IIMC ALL GEARED UNIVERSAL MILLING MACHINES MODEL – U



### 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 Universal Milling Machines

Model	AGM 2U	AGM 3U	AGM 4U	AGM 5U
<b>TABLE</b>				
Working Surface	1300 x 300	1400 x 330	1600 x 350	1800 x 400
T,lot 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
<b>FEEDS</b>				
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
<b>SPINDLE</b>				
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 -40
Arbor Diameter	25.4	25.4	32	40
<b>POWER</b>				
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.
<b>SHIPPING DIMENSIONS</b>				
Length x Width x Height (in Cms.)	173x 137x200	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

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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