



Andy[®]

Machine Tools (Regd.)

Since 1982
in the service
of Industry

ALL GEARED
UNIVERSAL
&
VERTICAL
MILLING MACHINES



Model
AM-2
AM-3
AM-4
AM-5

Single Lever Drive

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Andy Machine Tools (Regd.)

Andy Brand Milling Machines (Universal Vertical & All Geared) with latest technology made of high grade standardized cast iron, Spindle and gears of quality steels, Bearings of genuine quality. Alloy steel Arbour, Carbon steel Lead screw with working pressure of table Lead screw taken up by thrust bearings. Designing of the machine is under the guidance of qualified engineers and well experienced technical personal. Machine is easy to operate and gives maximum production with minimum fatigue.

Specifications

MODEL	M-2B	M-3B	M-4B	M-5B
TABLE				
Working Surface	1300x290	1400x350	1600x360	1800x400
Swivel	±45°	±45°	±45°	±45°
T Slot Nos/Size	3/17	3/14	3/17	4/17
T-Slot Centre	65	80	90	80
X-Longitudinal Travel	650	775	900	1100
Y-Cross Travel	205	255	305	450
Z-Vertical Travel	400	475	550	600
FEEDS				
No. of Feeds	18	18	18	18
Range of Longitudinal Feed/min	13 to 410	13 to 410	13 to 410	13 to 410
Range of Cross Feed/min	13 to 410	13 to 410	13 to 410	13 to 410
Range of Vertical Feed/min	2.5 to 80	2.5 to 80	2.5 to 80	2.5 to 80
No. of Rapid Feeds	1	1	1	1
Longitudinal Rapid Feeds/min	1100	1100	1100	1100
Cross Rapid Feeds/min	1100	1100	1100	1100
Vertical Rapid Feeds/min	175	175	175	175
SPINDLE				
No. of Spindle Speeds	12	12	12	12
Range of Spindle Speeds (RPM)	40 to 1150	40 to 1150	40 to 1150	40 to 1150
Spindle Taper	ISO 40	ISO 40	ISO 40	ISO 40
Arbour Diameter	25.4	25.4	25.4	32.00
ELECTRIC				
Main Motor	3 H.P.	5 H.P.	7.5 H.P.	7.5 H.P.
Feed Motor	2 H.P.	2 H.P.	3 H.P.	5 H.P.
Coolant Motor	0.1 H.P.	0.1 H.P.	0.1 H.P.	0.1 H.P.
DIMENSIONS				
Overall Length	1850	2000	2100	2500
Overall Width	1600	1750	1950	2500
Overall Height	1680	1800	1880	2400
Net Weight Kg.	2600	3300	3700	4200
Gross Weight Kg.	2900	3600	4000	4600



Vertical Attachment with parking System

All Specifications in mm

Note : Specifications Are Liable To Be Changed Without Notice



OPTIONAL ACCESSORIES :

- Dividing Head,
- Rotary Table,
- Coolant Pump,
- Rack Cutting Attachment,
- Vertical Attachment & Milling Vice,
- Slotting Attachment
- Hobbing Attachment

All Geared Milling Machine No. 6



Universal Milling Machine With Special gear Box
With Feed range 15 mm to 175 mm
With Rapid Available in Model AM - 2 & AM - 3



Geared Head Vertical Milling Machines
Model No.1 to 5

Universal, Vertical Geared Head Milling Machines one feed auto

Specifications

MODEL	1	1½	2	3	4
TABLE					
Working Table	1016x227	1213x254	1270x280	1420x304	1575x342
Swivel	±45°	±45°	±45°	±45°	±45°
T Slot Size	12.70	12.70	12.70	16.00	16.00
Longitudinal Traverse	480	585	635	735	810
Cross Feed	177	203	254	300	350
Vertical Traverse	355	406	510	635	710
SPINDLE					
Spindle Taper	ISO 40	ISO 40	ISO 40	ISO 40	ISO 40
No. of Spindle Speeds	6	9	9	9	9
Range of Spindle Speeds	55-225	40-575	35-700	35-700	35-700
Standard Arbour	25.4	25.4	25.4	25.4	25.4
Dia of Spindle in Front of Bearing	70	70	80	90	95
FEEDS					
No. of Longitudinal Feeds	3	3	3	3	3
ELECTRICALS					
Main Motor	1 H.P.	2 H.P.	2 H.P.	3 H.P.	5 H.P.
Coolant Pump	0.1 H.P.	0.1 H.P.	0.1 H.P.	0.1 H.P.	0.1 H.P.
DIMENSIONS					
Overall Length mm (Approx)	960	117	1200	1320	1450
Overall Width mm (Approx)	560	609	838	890	945
Overall Height mm (Approx)	1524	1651	1778	1830	2035
Weight Kg. (Approx)	1100	1350	1850	2225	3000

All Specifications in mm



Hydraulic

MILLING MACHINES

For Production Jobs



Model	1½	2	3
	MM	MM	MM
Working Surface	1130x254	1270x280	1500x31
Cylinder Stroke	400	500	650

ANDY MACHINE TOOLS (REGD.)

Mfrs of : Machine Tools Spl. in : Milling Machines

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