



JAS-ANZ



Accr. No. M3111204IN

(AN ISO 9001 : 2008 COMPANY)

UNIVERSAL MILLING MACHINE



HIPAT MACHINE TOOLS

PLOT NO.: 1C/90, SEC.- 9, MARKAT NAGAR, CDA, CUTTACK - 753 014 (ODISHA)

Tel./Fax : 0671 - 2505250. MOB. : 8895929247, 9124009247

E-mail - info@pathakorissa.com

www.pathakorissa.com

HIPAT brand heavy duty Universal Milling Machine With latest technology, Made of high grade standardized Cast iron. Spindle and gears of quality steel. Bearings (Taper Roller, Ball & Thrust) of genuine quality. Alloy Steel Arbour, Carbon Steel Lead Screws with working pressure of table lead screw taken up by thrust bearings. Machine is easy to operate and gives maximum production with minimum fatigue and is enameled in ever shine lasting color.

BASE: The base which at the same time serves as a coolant tank dimensioned. Coolant pump and the coolant pipes are so dimensioned that sufficient coolant is supplied to the cutter.

KNEE: The heavy Knee is made as box and rests on a vertical spindle equipped with tank and protected from earth and chips by a telescopic tubs. The moveable parts inside are protected from intrusion of foreign matter and coolant. All the hand wheels are removable type.

TABLE: The work table is of a very sturdy construction and the dovetail is provided with jig. The table has 3 T- slots and is provided with coolant channels. Accurate Graduation is provided to obtain an exact angle adjustable at each side. The Table is provided with Autofeeds (2 or 3 Nos.) only in longitudinal direction and is controlled by limit stoppers.



ALL GEARED MILLING MACHINE

SPECIFICATIONS

MODEL	HM0A	HM1	HM1.5	HM-2	HM-3	HM-4
Face of Body	6.5"	8.5"	10"	11"	12"	13"
Surface Table	30"x7"	40"x9"	48"x10"	51"x11"	58"x12"	64"x13"
No. of T- Slots	3	3	3	3	3	3
Size of T- Slots	3/8"	1/2"	1/2"	1/2"	5/8"	5/8"
Swivel either side of center	45°	45°	45°	45°	45°	45°
Cross	6"	7"	8"	10"	12"	13"
Vertical of Traverse	12"	13"	16"	22"	24"	26"
Longitudinal Traverse	14"	19"	22"	25"	28"	30"
Standard Abour Dia	1"	1"	1"	1"	1"	1"
Taper of Spindle	ISO 30	ISO 40	ISO 40	ISO 40	ISO 40	ISO 50
No. of Spindle Speed	3 & 6	6 & 9	6 & 9	6 & 9	6 & 9	6 & 9
Range of Spindle Speed	45 to 550	45 to 550	50 TO 750	80 to 680	42 to 700	40 to 700
Dia of Spindle	2"	2.5"	2.3/4"	3.1/4"	3.1/2"	3.5/8"
No. of Longitudinal Feed Table	2	2	2	2	3	3
H.P.	1	2	2	2	3	5
Floor Space (Base)	26"x17"	35"x20"	40"x24"	46"x26"	48"x28"	56"x30"
Height	55"	62"	67"	70"	73"	75"
Weight (Approx)	500 Kg.	1100 Kg.	1450 Kg.	2200 Kg.	2750 Kg.	3650 Kg.

Optional Accessories :

Dividing Head, Vertical Attachment, Rack Cutting Attachment, Rotary Table, Lubrication Pump, Slotting Attachment, Coolant Pump, Vice, Electric Motor & Starter

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