IPAT™

Machines That Work

RADIAL DRILLING MACHINE

HIPAT MACHINE TOOLS

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

PERFECTION COMMITMENT PCMS

JAS-ANZ

Accr. No. M3111204IN

(AN ISO 9001 : 2008 COMPANY)

HIPAT Radial Drilling Machines are of robust construction and are designed for heavy duty drilling. All cast parts are of fine close grained grey iron, machined to close tolerance and are sujected to rigid inspection at all stage of assembly to ensure accuracy and trouble free service. Each and every machine is thoroughly checked and tested to grade-1 standard.

BASE is generously proportioned and fortified by internal ribs, the base is built to handle heavy jobs. Three T- slots on the base ensure easy handling of the job.

COLUMN is cast as one single piece, ensures, perfect, rigidity. it is ground on the external circumference.

The **ARM** moves up and down by a screw and rotates with complete ease around the column. For angular drilling, it tilt in Model PRD 25 & 32. The graduation provided on the collar of the arm indicates the degree of the incline to any desired angle upto 90° on either side.

SPECIFICATIONS

MODEL	HRD-25	HRD-32	HRD-38G	HRD-38
Drilling capasity (in steel)	1″	1.1/4″	1.1/2″	1.1/2″
Max. Dist. from spindle center to column	21″	30″	30″	36″
Min. Dist. from spindle center to column	9″	11″	11″	12″
Vertical Travel of Arm	27″	33″	36″	36″
Spindle Travel	5″	6″	7″	7″
Spindle Speeds	3	4	8	6
Range of Spindle Speeds	280-940	235-730	88-2600	190-520
Power Required (R. P. M) for simple drive	1 H.P. (960)	2 H.P. (960)	2 H.P. (1440)	3 H.P. (960)
Power Required (R. P. M) for Elevating Arm	-	-	1 H.P. (1440)	-
Spindle Bore	M.T. No.-2	M.T. No.-3	M.T. No.-4	M.T. No.-4
Pillar Diameter	5″	7″	6.5″	8.3/4″
Spindle Diameter	1.5″	2″	2.5″	2.3/4″
Work Table	8″x8″x9″	9″x9″x8″	14″x12″x12″	15″x15″x12″
Working Surface of base	18″x19″	20″x25″	32″x24″	31″x21″
Floor Space Required	24″x37″	44″x25″	51″x30″	54″x27″
Approximate Weight	450 Kgs.	700 Kgs.	850 Kgs.	1600 Kgs.

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