

ALL GEARED RADIAL DRILLING MACHINES

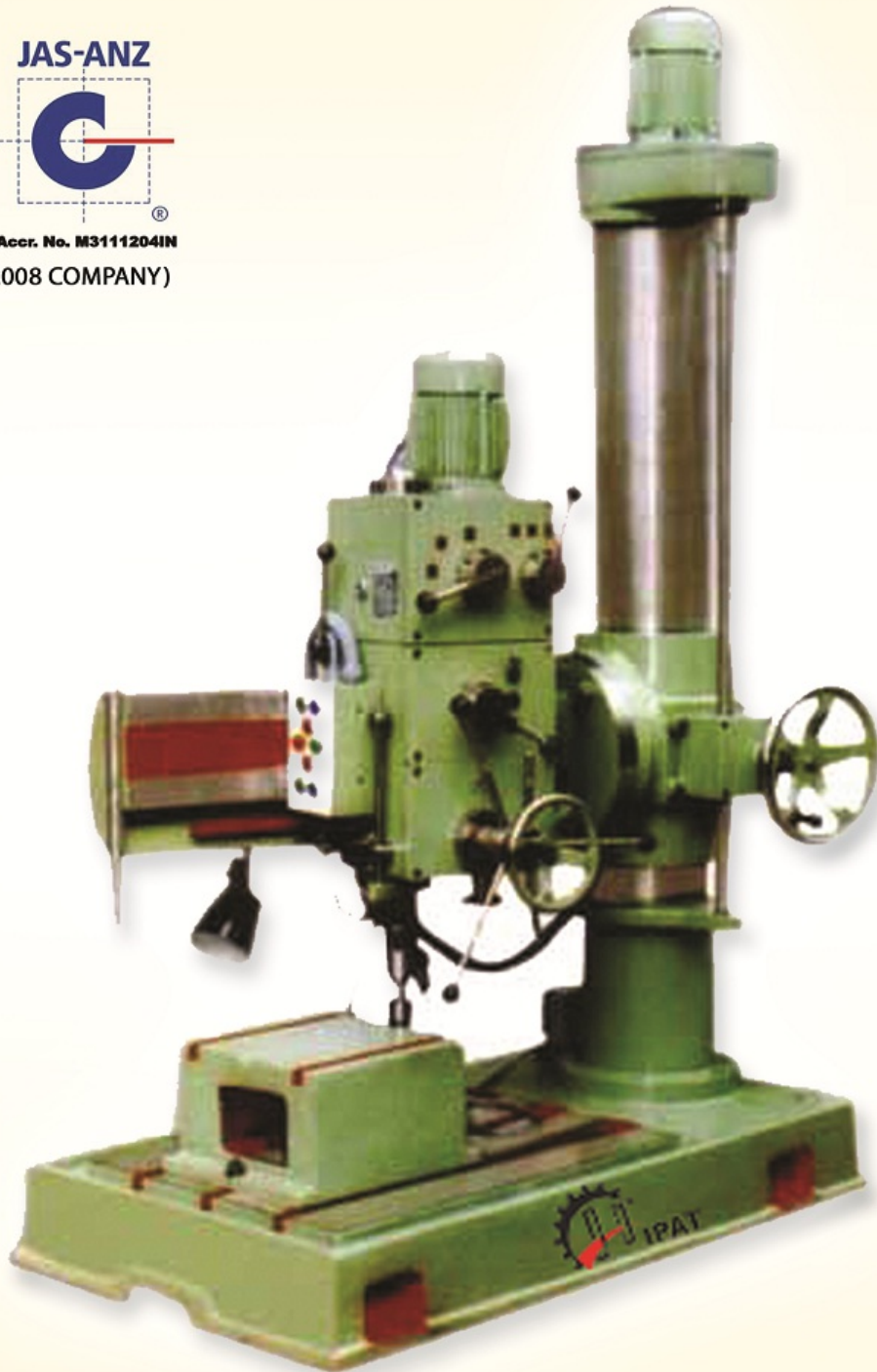


JAS-ANZ



Accr. No. M3111204IN

(AN ISO 9001 : 2008 COMPANY)



HIPAT MACHINE TOOLS

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

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ALL GEARED RADIAL DRILLING MACHINES

"HIPAT" precision Heavy Duty Radial Drilling Machines have a streamlined modern outlook and contain all the characteristics normally expected in a superior quality machine.

All the castings are of close- grained, heavy duty alloyed cast iron and are amply ribbed to withstand stress without distortion. the shafts are of special quality steel and are having ground finish. All the bearings, shafts and gears of the main assemblies are force lubricated properly. The gears are induction hardened.

the hardened and ground spindle run in a hardened and super- finished barrel, which slides an honned sleeve of the gear- box. the locking of the gear- box to arm and the radial movement is having special design to hold it rigidly during drilling operation.

SPECIFICATIONS

Model No.		HRD 40A	HRD 40B	HRD 50B	HRD 50C	HRD 65	HRD 75
Drilling capacity in solid mild steel	mm	40	40	50	50	65	75
Drilling capacity in cast iron	mm	50	50	60	60	75	85
Dia of column	mm	230	255	310	310	355	405
Drilling radius minimum	mm	550	375	450	425	650	675
Drilling Radius Maximum	mm	1050	950	1100	1325	1600	1950
Machine heaght from floor	mm	2420	2420	2760	2760	3170	3320
Distance from spindle nose to top of the base plate minimum spindle in downward position	mm	50	100	100	100	100	100
Distance from spindle nose to top of the base plate minimum spindle in upward position	mm	1000	1150	1300	1300	1600	1750
Drilling depth	mm	180	180	225	225	325	325
Working surface of base plate	mm	885 X 545		975x655	1150x655	1460x845	1735x940
Dimensions of Base	mm	1470X705X180		1645x835x200	1755x835x200	2370x1015x210	2640x1110x210
Effective area of box table	mm	330X330X330		550x400x400	600x450x450	600x450x450	600x450x450
No. of Spindle speeds & Range (RPM. xsteps)		45-660X6 Steps		40-790X9 Steps		25-930x12 steps	20-740x12 steps
No. of Spindle feeds & Range (Per Rev. xsteps)		0.095-0.215X3 Steps		0.080-0.180X3 Steps		0.10-1.25X6 Steps	
Taper spidle nose socket	MT	4	4	5	5	5	6
Main Motor	HP	2	2	3	3	5	7.5
Elevating motor	HP	1	1	2	2	3	5
Total Weight of Machine (approx)	Kg.	1700	2000	3000	3200	4800	6500

Note :- We reserve the right to change the design, Illustration and Specification without prior notice.

Standard Accessories : Box Table, Electric Motors AC 440 Volts, Panel Board, Reversible Switches, Electric Coolant Pump Complete with pipe nozzle, Electrical wiring, Limit Switches.

Extra Accessories : Tilting Table, Machine Vice, Machine Lamp

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