

# ATUL MACHINE TOOLS

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**NSIC**  
ISO 9001 : 2008



1000 X 300MM & 750 X 300MM  
Column Type Surface Grinding Machine



SR.NO.	DESCRIPTION	UNIT		
1	Make		"AARTI"	"AARTI"
2	Model		H-3	H-4
<b>CAPACITY</b>				
1	Max. Table Size	mm	750 x 300	1000 x 300
2	Max. Longitudinal travel	mm	850	1050
3	Max. Cross transverse	mm	350	350
4	Max. Spindle centre	mm	525	500
<b>SPEEDS &amp; FEEDS</b>				
1	Max. Table Speed	m/min	18	18
2	Power Cross Transverse	mm/min	2000	2000
4	Reversal (infinitely variable)	mm	0.5 - 5.0	0.5 - 5.0
5	Power elevation	mm/min	200	200
7	Feed heed wheel	mm	0.002	0.002
<b>GRINDING HEAD</b>				
1	Size of Grindng Wheel	mm	300 X 25 X 76.2	300 X 25 X 76.2
2	Power of Spindle Motor	H.P	3	3
3	Speed of Grinding	RPM	1440	1440
<b>HYDROLIC SYSTEM</b>				
1	Working Pressure	Kg/cm <sup>2</sup>	10	15
2	Power Pack		Solenoid operated Hydraulic Power pack eith facilityto had soft table reversal.	Solenoid operated Hydraulic Power pack eith facilityto had soft table reversal.
<b>POWER HYDRAULIC PUMP</b>				
1	Motor	H.P	1.5 H.P.	1.5 H.P.
2	Tank Capacity (app.)	ltr	100 LTR.	100 LTR.
<b>GENERAL</b>				
1	Overall dimensions (app.)	mm	2410 X 2000 X 1950 APP	3000 X 2000 X 1950 APP.
2	Net weight of machine (app.)	Kg	2600 KG APP.	2800 KG APP.
3	Gross Weight of machine (app.)	Kg	3500 KG APP.	3800 KG APP.
4	Size of packing	mm	2710 X 2300 X 2500	3300 X 2300 X 2500 APP.