

H.R MACHINE TOOLS (REGD)

ISO 9001:2015 Certified Company

Since 1978

COMPANY PROFILE

We -“H.R Grinders,” are well known in the field of manufacturing a wide range of machine tool & casting. The spl. range offered by us includes Crank Shaft Grinders, Cylindrical Grinders, Centreless Grinders, Surface Grinders & all types of machine tools. Based at Ludhiana in Punjab, India, we established our company in the year 1978. Our consistent approach towards meeting the industry standards have helped us in earning the trust of our clients. The modern facilities available with us are backed by experienced engineers handling the design, process planning and quality control operations, assuring our clients of getting products featuring superior functionality, efficiency and durability standards. Further our well developed research facilities, effective use of latest available technologies and our indepth knowledge of the involved processes enable us to successfully upgrade our products as well as design and develop new range of products as per the specific work requirements of our clients.

We offer to our client’s machinery products that are known for giving higher performance outputs, need less maintenance and are an asset to the organization. With our capability to manufacture both standard as well as customized products, we offer to our clients our comprehensive range of products. Our range includes Crank Shaft Grinders, Cylindrical Grinders, Centreless Grinders, Surface Grinders.

PRIDE OF INDIA

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ONE STOP
SOLUTION
FOR YOUR ALL
MACHINERY NEEDS

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CENTRELESS GRINDING | CYLINDRICAL GRINDING

PRODUCT CATALOGUE

www.hrgrinders.com

YOUR BUSINESS PARTNER

CYLINDRICAL GRINDER MACHINE [HR MODEL - 300 MM LIGHT]



SPECIFICATIONS

Maximum Grinding Length	300mm
Maximum Height of Centers	130mm
Maximum Swig Over Table	250mm
Distance Between Center	340mm
Maximum Grinding Diameter	200mm
Work Head Swivel on Either Side	90/30
Work Spindle Speeds	1
Taper In Work Spindle & Tail Spindle	MT-3
Transverse Movement of Wheel Head Max	125mm
Size of Grinding Wheel	300x25x127mm
R.P.M. of Grinding Wheel	2000
Maximum Internal Grinding Depth (Optional)	25mm
Min. & Max. Dia of Hole For Grinding	15 to 100mm
Wheel Head Motor	2 H.P.
Work Head Motor	0.50 H.P.
Motor of Internal Grinding Attachment (Optional)	0.75H.P.
Approximate Weight	750 kg.

CYLINDRICAL GRINDER MACHINE [HR MODEL - 300 MM LIGHT]

SPECIFICATIONS

Maximum Grinding Length	300mm
Maximum Height of Centers	150mm
Maximum Swig Over Table	250mm
Maximum Grinding Diameter	200mm
Table Feed (Hydraulic Optional)	Hyd./Mech.
Range of Table E Swivel	9+3+12
Work Had Swivel on Either Side	90/30
Work Spindle Speeds	3
Taper In Work Spindle & Tail Spindle	MT-3
Transverse Movement of Wheel Head Mix	125mm
Size of Grinding Wheel	355x25x127mm
Min, Dia of Worn Out Wheel	225mm
Minimum Dia of Grinding Wheel (Two Range)	1650-2200
Maximum Internal Grinding Depth	50mm
Minimum & Maximum Dia of Hole For Grinding	15 to 150mm
Wheel Head Motor 1440 R.P.M.	3H.P.
Work Head Motor 960 R.P.M.	0.50HP
Motor For Table Drive Hyd./Mech.	0.75HP
Motor For Internal Grinding Attachment	0.50HP
Approximate Weight	1400kg.



UNIVERSAL CYLINDRICAL GRINDING MACHINE [HR MODEL 450 MM]



UNIVERSAL CYLINDRICAL GRINDING MACHINE [HR MODEL 600 MM]

SPECIFICATIONS

Maximum Grinding Length	450mm	600mm	800mm
Maximum Height of Centers	150mm	150mm	150mm
Maximum Swig Over Table	290mm	290mm	290mm
Maximum Grinding Diameter	240mm	240mm	240mm
Table Feed (Hydraulic Optional)	Hyd./Mech.	Hyd./Mech.	Hyd./Mech.
Range of Table E Swivel	9+3+12	9+3+12	9+3+12
Work Had Swivel on Either Side	90/30	90/30	90/30
Work Spindle Speeds	3	3	3
Taper In Work Spindle & Tail Spindle	MT-3	MT-3	MT-3
Transverse Movement of Wheel Head Mix	125mm	125mm	125mm
Size of Grinding Wheel	355x38x127mm	400x38x127mm	400x38x127mm
Min, Dia of Worn Out Wheel	225mm	225mm	225mm
Minimum Dia of Grinding Wheel (Two Range)	1650-2200	1650-2200	1650-2200
Maximum Internal Grinding Depth	80mm	100mm	150mm
Minimum & Maximum Dia of Hole For Grinding	15 to 240mm	15 to 240mm	15 to 240mm
Wheel Head Motor 1440 R.P.M.	3 HP	3 HP	3 HP
Work Head Motor 960 R.P.M.	0.50 HP	0.75 HP	0.75 HP
Motor For Table Drive Hyd./Mech.	0.75 HP	0.75 HP	0.75 HP
Motor For Internal Grinding Attachment	0.75 HP	0.75 HP	1 HP
Approximate Weight	1400 kg.	2000 kg.	2500 kg.

UNIVERSAL CYLINDRICAL GRINDING MACHINE [HR MODEL 1250 MM]



UNIVERSAL CYLINDRICAL GRINDING MACHINE [HR MODEL 1000 MM]

SPECIFICATIONS

Maximum Grinding Length	1000mm	1250mm	1500mm
Maximum Height of Centers	150mm	150mm	160mm
Maximum Swig Over Table	300mm	300mm	300mm
Maximum Grinding Diameter	250mm	250mm	250mm
Table Feed (Hydraulic Optional)	Hyd./Mech.	Hyd./Mech.	Hyd./Mech.
Range of Table E Swivel	9+3+12	9+3+12	9+3+12
Work Had Swivel on Either Side	90/30	90/30	90/30
Work Spindle Speeds	4	4	4
Taper In Work Spindle & Tail Spindle	MT-4	MT-4	MT-4
Transverse Movement of Wheel Head Max	200mm	200mm	200mm
Size of Grinding Wheel	400x38x127mm	400x38x127mm	400x38x127mm
Min. Dia of Worn Out Wheel	225mm	225mm	225mm
Minimum Dia of Grinding Wheel (Two Range)	1650-2200	1650-2200	1650-2200
Maximum Internal Grinding Depth	150mm	150mm	200mm
Minimum & Maximum Dia of Hole For Grinding	15 to 150mm	15 to 150mm	15 to 150mm
Wheel Head Motor 1440 R.P.M.	5 H.P.	5 H.P.	5 H.P.
Work Head Motor 960 R.P.M.	0.75 HP	1 HP	1 HP
Motor For Table Drive Hyd./Mech.	1 HP	1 HP	1 HP
Motor For Internal Grinding Attachment	1 HP	1 HP	1 HP
Approximate Weight	3000 kg.	3500 kg.	4000 kg.



CENTRELESS GRINDING MACHINE [HR MODEL 75 MM]

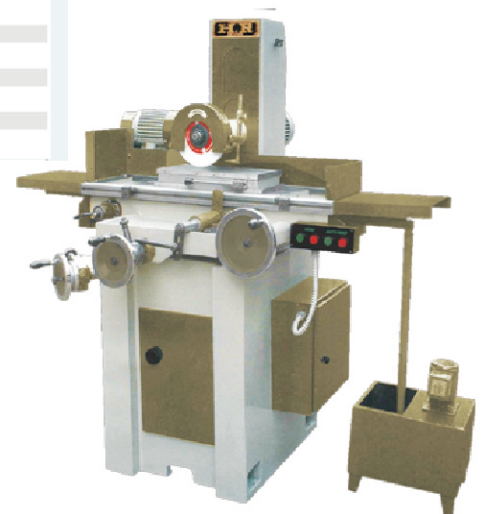


CENTRELESS GRINDING MACHINE [HR MODEL 50 MM]

SPECIFICATIONS

Grinding Wheel Capacity	Min.	2 mm	2 mm	2 mm
	Max.	50mm	75mm	100mm
Grinding Wheel Diameter		350 mm	350 mm	350 mm
Width		100 mm	100 mm	100 mm
Bore		127 mm	127 mm	127 mm
Grinding Wheel Speed		1650/2200 rpm	1650/2200 rpm	1650/2200 rpm
Regulating Wheel Diameter	Min.	225 mm	225 mm	225 mm
	Max.	100 mm	100 mm	100 mm
Width		75 mm	75 mm	75 mm
Bore		75 mm	75 mm	75 mm
Regulating Wheel Speed		1440 rpm + 3 speed	1440 rpm + 3 speed	1440 rpm + 3 speed
	Max.	100rpm	100rpm	100rpm
Grinding Wheel Motor		3 HP	5 HP	7.5 HP
Regulating Wheel Motor		0.50 HP	1 HP	1 HP
Collant Pump Motor		0.05 HP	0.05 HP	0.05 HP
Net Weight Appox. With		900 kg.	1350 kg.	1500 kg.

SURFACE GRINDERS



H.R MACHINE TOOLS (REGD)

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