

Product Name :
Centreless Grinders

Product Code :
gm0001

LAB ENGINEERING

Description :

Centreless Grinders

Technical Specification :

Maximum Grinding Diameter	75 mm	75 mm	125 mm
Minimum Grinding Diameter	Min.	1 mm	1.5 mm
Maxi. included angle for taperwork (Without using forming attachment)	5 deg.	5 deg.	5 deg.
Speed of grinding wheel R. P M.	1600	1800	1250
Number of speeds of Control wheel	3	3	3
Diameter of grinding wheel	350 mm	350 mm	350 mm
Maximum Width of grinding wheel	100 mm	100 mm	150 mm
Diameter of hole in grinding wheel	125 mm	150 mm	300 mm
Diameter of control wheel	230 mm	230 mm	300 mm
Maximum width of control wheel	100 mm	100 mm	150 mm
Diameter of hole in grinding wheel	75 mm	75 mm	125 mm
H.P. of motor for wheel head	5 H. P.	7.5 H. P.	15 H. P .

H.P. of motor for control wheel	3/4 H.P.	10 H. P.	2 H. P.
Speed of motors RPM	1440	1440	1440
Floore space for machine	30" X 40"	30" X 40"	43" X 65"
Approximate weight	1600 Kgs.	1650 Kgs.	2600 Kgs.

Hydraulic Centreless Grinders

STANDARD ACCESSORIES :	OPTIONAL ACCESSORIES :
<ul style="list-style-type: none"> • One Grinding Wheel • One Regulating Wheel • Two Truing Devices • Coolant Pump with Tank • Grinding Wheel Puller • Grinding Wheel Pulley Pulle • Grinding Wheel & Regulating Wheel Nut Spanner • Work Rest Blade for Through Grinding • Splash Guards • Allen Keys and Spanners Set • Hand Pump Lubrication for slides • Machine Lam 	<ul style="list-style-type: none"> • Wheel Balancing Stand with Arbour • Additional Wheel Flange • Additional Work Rest Blade • Magnetic Coolant Separator • AC variable speed Motor for Regulating Wheel • Gearless Hydraulic Motor for Regulating Wheel • Auto InfeedGrinding • Auto Ejector/Lifter for infeedgrinding • BimetalicBush Bearing for Grinding Wheel Head • Bar Feeder for long Bars Grinding • Vibratory Feeder • Automatic Feeder for through-feed Grinding • Anti-Vibration Pads • Automatic Balancing of Grinding Wheel

SPECIFICATIONS				
Grinding Capacity				
Diameter	Min.	1 mm	1.5 mm	5 mm
	Max.	75 mm	75 mm	1.50 mm
Grinding Wheel				
Diameter		350 mm	350 mm	500 mm
Width		100 mm	100 mm	200 mm
Bore		152 mm	125 mm	300 mm
Speed	Min.	1800 R.P.M.	1800 R.P.M.	1400 R.P.M.
	Max.	2000 R.P.M.	2000 R.P.M.	
Regulating Wheel				
Diameter		225 mm	225 mm	300 mm

Width		100 mm	100 mm	200 mm
Bore		76 mm	75 mm	125 mm
Speed	Min.	20 R.P.M.	20 R.P.M.	10 R.P.M.
	Max.	100 R.P.M.	100 R.P.M.	120 R.P.M.
Power requirements				
Grinding Wheel Motor	(KW/HP)	5.5/7.5	5.5/7.5	20 HP
Regulating Wheel Motor	(KW/HP)	0.75/1.0	0.55/0.75	2 HP
Hydraulic Unit Motor	(KW/HP)	0.75/1.0	0.55/0.75	1 HP
Coolant Pump Motor	(KW/HP)	0.12/0.16	0.07/0.1	0.5 HP
Lubrication Pump	(KW/HP)	0.18/0.25	—	0.25 HP
Dimensions & Weight				
Length		1620 mm	1620 mm	2200 mm
Width		860 mm	1070 mm	1200 mm
Height		1430 mm	1500 mm	1650 mm
Net Weight Approx.		1500 Kgs.	1370 Kgs.	3000 Kgs.

We are well-known manufacturers, OEM suppliers of Centreless Grinders for Grinding Machines. Contact us for high quality Centreless Grinders for Grinding Machines for schools lab, college lab, universities, research labs, various teaching and workshop training laboratories and industries in India.

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