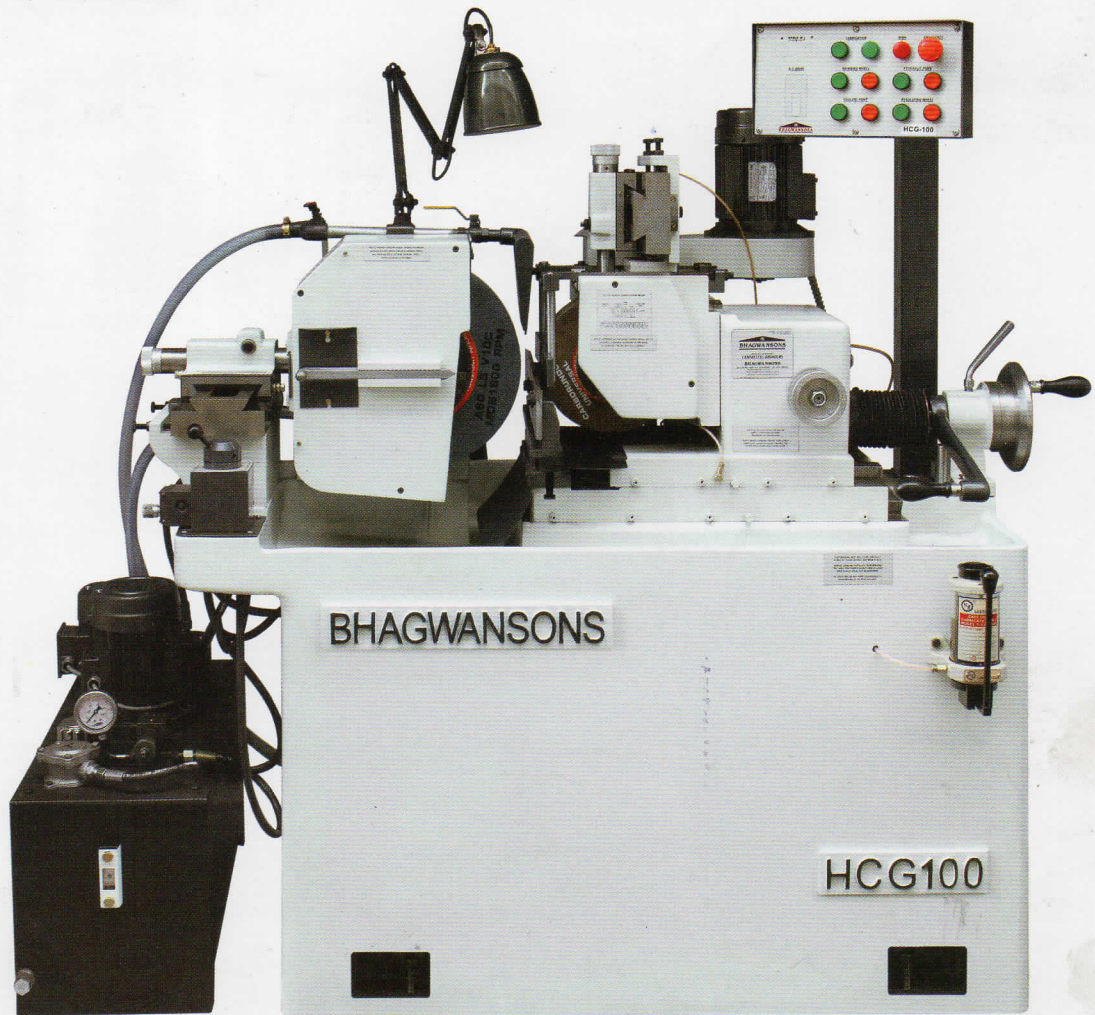


# HCG Centerless Grinding Machines



SPECIFICATIONS		HCG-250	HCG-200	HCG-150	HCG-100
Grinding Capacity	Diameter (mm)	2-125	2-125	1-100	1-75
	Width Infeed (mm)	250	200	150	100
Grinding Wheel	Diameter (mm)	500	500	400	350
	Width (mm)	254	200	150	100
	Bore (mm)	304.8	304.8	203.2	152
	Speed RPM	1270	1270	1600-1800	1800-2000
Regulating Wheel	Diameter (mm)	305	300	250	225
	Width (mm)	254	200	150	100
	Bore (mm)	127	127	110	76
	Speed R.P.M.	15-200	15-200	20-40-100	20-40-100
	Tilting Angle	+ 6° -3°	+ 6° -3°	+ 5° -2°	+ 5° -2°
	Swivelling Angle	±1°	±1°	±1°	0°
Power Requirements	Grinding Wheel Motor	18.75 KW	15.0 KW	7.5 KW	5.5 KW
	Regulating Wheel Motor	1.5 KW	1.5 KW	0.75 KW	0.75 KW
	Coolant Pump Motor	0.37 KW	0.37 KW	0.18 KW	0.12 KW
	Lubrication Pump	0.18 KW	0.18 KW	0.16 KW	0.25 KW
	Hydraulic Unit Motor	0.75 KW	0.75 KW	0.25 KW	0.75 KW
Dimensions & Weight	Length (mm)	2840	2840	2230	1750
	Width (mm)	1670	1670	1300	1050
	Height (mm)	1650	1650	1700	1620
	Net Weight Approx (Kgs)	4200	4000	2000	1700



# Accessories

● Standard ● Optional ● Not Applicable

S.No.	Items	CNC Series		NC Series		HCG Series		CG -100
1.	Controller	●		●		●		●
2.	Servo control voltage stablizer	●		●		●		●
3.	Grinding wheel with flange	●		●		●		●
4.	Regulating wheel with flange	●		●		●		●
5.	Coolant pump with tank	●		●		●		●
6.	Hydraulic tank with pump	●		●		●		●
7.	Work rest blade for through feed grinding	●		●		●		●
8.	Hand pump lubrication for slides	●		●		●		●
9.	Motorized centralized lubrication for slides	●		●		●		●
10.	Machine lamp	●		●		●		●
11.	Splash guards	●		●		●		●
12.	Fully enclosed splash guards	●		●		●		●
13.	A.C. drive for grinding wheel head	●		●		●		●
14.	A.C. drive for regulating wheel head	●		●		250/200	150/100	●
						●	●	
15.	Instruction manual	●		●		●		●
16.	Tool kit	●		●		●		●
17.	Micro feed fine adjustment for depth of cut	●		●		●		●
18.	Template truing slides for profile dressing	●		●		250/200/150	100	●
						●	●	
19.	Hydrodynamic bush bearings for GW head	250	200/150/100	250	200/150/100	250	200/150/100	●
		●	●	●	●	●	●	
20.	Bush bearing for RW head	250	200/150/100	250	200/150/100	250	200/150/100	●
		●	●	●	●	●	●	
21.	Wheel balancing stand with arbor	●		●		●		●
22.	Additional grinding wheel flange	●		●		●		●
23.	Additional regulating wheel flange	●		●		●		●
24.	Additional work rest blade through feed	●		●		●		●
25.	Additional work rest blade infeed	●		●		●		●
26.	Magnetic coolant seperator	●		●		●		●
27.	Paper cum magnetic coolant seperator	●		●		●		●
28.	Anti vibration pads	●		●		●		●
29.	Hydraulic oil cooler	●		●		●		●
30.	Profile templates	●		●		●		●
31.	Servo drive motor for regulating wheel	●		●		●		●
32.	Vibratory bowl feeder	●		●		●		●
33.	Bar feeder for long bar grinding	●		●		●		●
34.	Auto infeed grinding with hydraulic cylinder	●		●		●		●
35.	Auto ejector for infeed grinding hydraulic	●		●		●		●
36.	Auto ejector for infeed grinding pneumatic	●		●		●		●
37.	Auto lifter for infeed grinding	●		●		●		●
38.	Auto loading attachment for infeed	●		●		●		●
39.	Automatic feeder for through feed grinding	●		●		●		●
40.	Automatic balancing for grinding wheel	●		●		●		●