

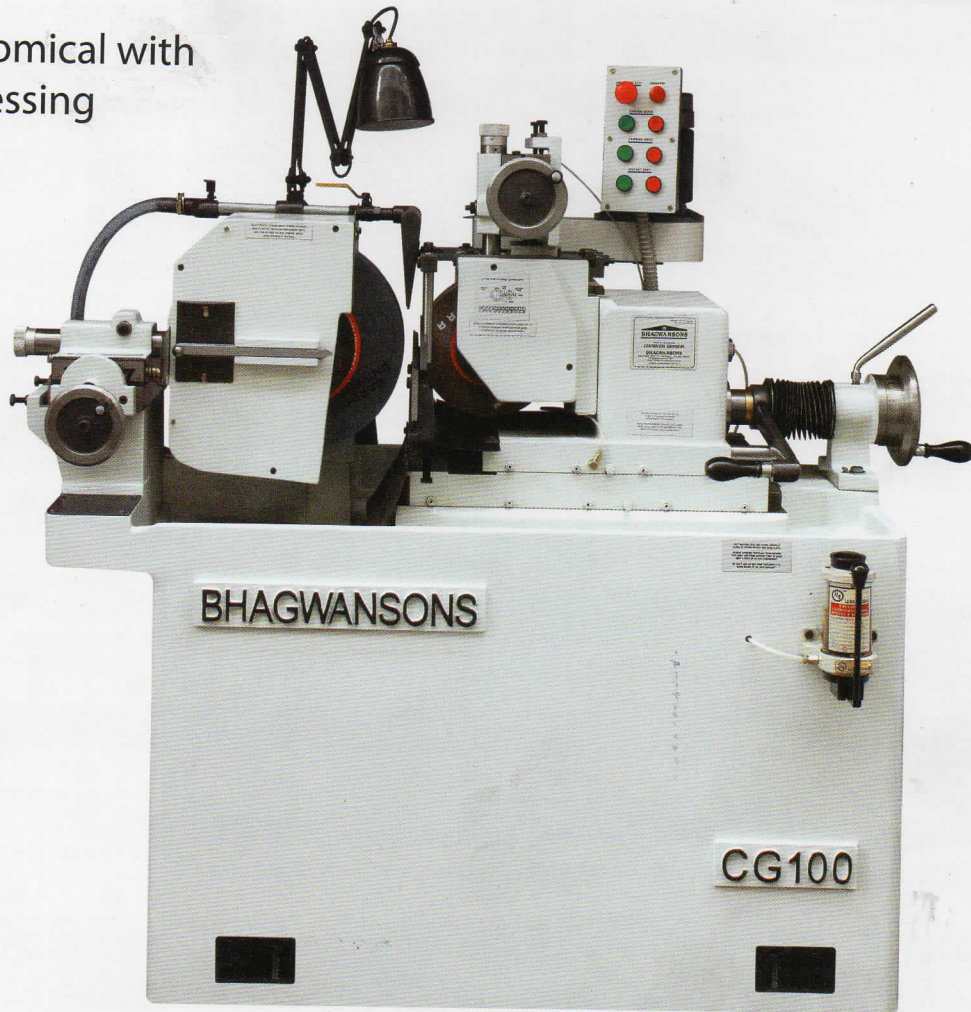
CG Centerless Grinding Machine

CG - 100

Most economical with manual dressing

BHAGWANSONS

SINCE 1964



Salient Features

- Most economical and simple in operation.
- Suitable for small components through feed and infeed.
- Grinding wheel and regulating wheel head fitted with precision bearings.
- Manual dressing slides, hardened and ground covered with wipers.
- Main screw hardened ground and protected from dust with bellow.
- Hand wheel graduation for depth of cut 0.02mm
- Grinding wheel duly balanced.

SPECIFICATIONS

CG-100

SPECIFICATIONS		CG-100
Grinding Capacity	Diameter	Min. 1mm
		Max. 75mm
Grinding Wheel	Diameter (mm)	350
	Width (mm)	100
	Bore (mm)	152
	Speed	Min. 1800 R.P.M. Max. 2000 R.P.M.
Regulating Wheel	Diameter (mm)	225
	Width (mm)	100
	Bore (mm)	76
	Speed	Min. 20 R.P.M. Med. 40 R.P.M. Max. 100 R.P.M.
Power Requirements	Grinding Wheel Motor	5.5/7.5 KW/HP
	Regulating Wheel Motor	0.75/1.0 KW/HP
Coolant Pump		0.12/0.16 KW/HP
Dimensions & Weight	Length (mm)	1650
	Width (mm)	1050
	Height (mm)	1510
	Centre Height of Wheels	1000
	Net Weight Approx (Kgs)	1600

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	●		●		●		●