

# Centerless Grinding-GF 100H-A

■ Specifications for CNC-100H		100H-A
<b>Grinding Capacity</b>	Min. Diameter (mm)	2
	Max. Diameter (mm)	100
	Max. job Length (Infeed) (mm)	220
<b>Grinding Wheel</b>	Diameter (mm)	350
	Width (mm)	100
	Bore (mm)	127
<b>Regulating Wheel</b>	Diameter (mm)	230
	Width (mm)	100
	Bore (mm)	76.2
	Speed R.P.M.(Step Lessly Variable )	20-220
<b>Swivel Angle</b>	Swivel of Grinding Dresser	±5°
	Swivel of Regulating Dresser	±5°
	Reg. Swivel Angle Vertical	±5 °
	Reg. Swivel Angle Horizontal	±1.5°
<b>Dresser Operated (Stepper Motor)</b>	Grinding Wheel Dresser	CNC
	Regulating Wheel Dresser	CNC
<b>Power requirements AC 415V, 3 phase, 50 Hz</b>	Grinding Wheel Motor	5.5 KW
	Regulating Wheel Motor	0.75 KW
	Coolant Pump Motor (100LPM)	0.2 KW
	Z-Axis Motor	1 KW
<b>System</b>	(Controller) HUST/Siemens/GFCNC	
<b>Dimensions &amp; Weight</b>	Length (mm)	1880
	Width (mm)	1550
	Height (mm)	1800
	Net Weight Approx. (Kgs)	2200



## ● Salient Features

- Rigid, stable and naturally seasoned Graded casting machine bed
- Precision Guide ways and ball screws for each CNC axis
- Grinding wheel head with White Metal Bush bearings and with constant peripheral speed
- Regulating wheel head with precision bearings and with VFD drive
- Swift, easy set up and wheel change over
- Eco friendly, easy to operate, ergonomically designed to fit today's requirement of
- quality, precision and production

■ Standard Accessories	■ Optional Accessories
<ul style="list-style-type: none"> <li>✓ Controller</li> <li>✓ Grinding wheel with flange</li> <li>✓ Regulating wheel with flange</li> <li>✓ Coolant pump with tank</li> <li>✓ Work rest blade for through feed grinding (15mm)</li> <li>✓ Manual centralized lubrication for slides</li> <li>✓ Splash guards</li> <li>✓ A.C. drive for regulating wheel head</li> <li>✓ Instruction manual</li> <li>✓ Tool kit</li> <li>✓ Anti-vibration pads</li> </ul>	<ul style="list-style-type: none"> <li>✓ Servo control voltage stabilizer</li> <li>✓ Fully enclosed splash guards</li> <li>✓ Wheel balancing stand with arbor</li> <li>✓ Additional grinding wheel flange</li> <li>✓ Additional regulating wheel flange</li> <li>✓ Additional work rest blade through feed</li> <li>✓ Additional work rest blade infeed</li> <li>✓ Magnetic coolant separator</li> <li>✓ Paper cum magnetic coolant separator</li>   <li>✓ Balancing arbor</li> <li>✓ Bar feeder for long bar grinding</li> <li>✓ Auto ejector for infeed grinding Hydraulic/ pneumatic</li> <li>✓ Machine Lamp</li> <li>✓ Panel AC</li> </ul>

## Green Field Control System (I) Pvt. Ltd

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