

CINCINNATI MACHINES

XG SERIES CENTERLESS GRINDERS

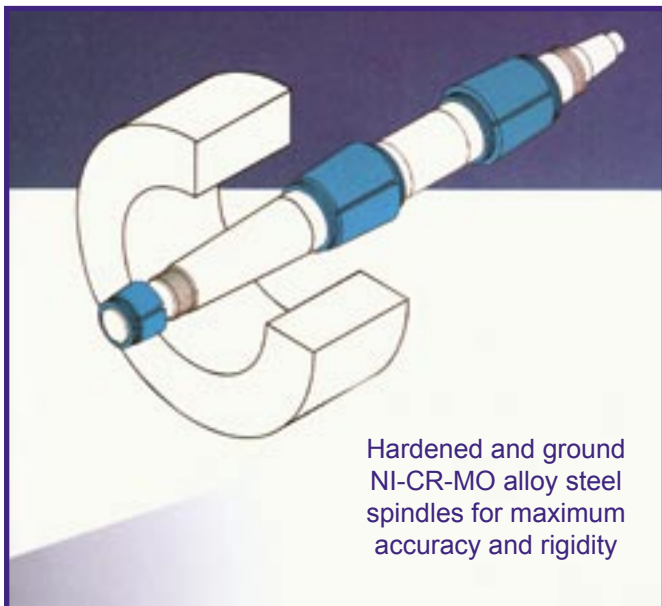
Model
220-8XG



Featuring
Outboard Supports
for both the
Grinding Wheel and
Regulating Wheel
Spindles

Cincinnati Machines XG Series Centerless Grinders are designed and manufactured from the ground up to provide optimum quality, efficiency, and reliability. The heavily ribbed meehanite castings are combined with the standard outboard supports for both the grinding and regulating wheel spindles to insure maximum rigidity and stability. Add to that, the hydrostatic babbit type spindles, the automatic lube system, and a wide variety of available grinding accessories, and you have one very versatile, reliable, and efficient centerless grinder. And you get all of this with a starting price under \$30,000.00 for the 110-6XG model.

HYDROSTATIC BABBIT STYLE SPINDLES



Hardened and ground
NI-CR-MO alloy steel
spindles for maximum
accuracy and rigidity

HEAVILY RIBBED MEEHANITE CASTINGS



STANDARD EQUIPMENT

- 1) Grinding wheel and mount
- 2) Balancing Arbor
- 3) Regulating wheel and mount
- 4) Oil bottle
- 5) Tools and toolbox
- 6) Wheel extractor
- 7) Standard thrufeed workrest
- 8) Standard thrufeed blade
- 9) Truing diamonds
- 10) Leveling pads and bolts



OPTIONAL ACCESSORIES

- *Variety of infeed and thrufeed workrests
- *Infeed and thrufeed blades
- *Variety of coolant filtration/separator systems
- *Balancing stand
- *Automatic vibration feeders
- *Long bar attachments
- *Automatic ejectors
- *Automatic loading for thrufeed
- *Automatic load/unload for infeed
- *Complete line of CINMAX grinding wheels
- *Complete line of CINMAX regulating wheels
- *Truing attachments and blades
- * Machines also available with Fanuc CNC



MACHINE SPECIFICATIONS

(Inches)

Model	110-6XG	220-8XG
Grind dia. (standard workrest)	0.04 -1.2	.04 -2
Grind dia. (special workrest)	1.2 - 2	2 - 4
Grind wheel size	12x6x5	20x8x12
Grind wheel speed	1900 rpm	1070rpm
Grind wheel truing inc/graduation	0.0005	0.0005
Grind wheel truing inc/revolution	0.05	0.0625
Regulating wheel size	8x6x3.5	12x8x5
Regulating wheel speeds (10 steps)	15-310rpm	15-308rpm
Reg wheel truing inc/graduation	0.0005	0.0005
Reg wheel truing inc/revolution	0.05	0.05
Upper slide inc/graduation	.002	.002
Upper slide inc/revolution	.2	.2
Slide swivel angle	+/-5°	+/-5°
Slide incline angle	+/-5°	+/-5°
Lower slide inc/graduation	0.00125	0.002
Lower slide inc/revolution	0.25	0.25
Lower slide fine inc/graduation	0.000050	0.000050
Lower slide fine inc/revolution	0.01	0.00625
Grinding wheel drive motor	10 hp	20 hp
Shipping weight	3300 lbs	7260 lbs
Net weight	2640 lbs	6600 lbs
Shipping dimensions	67x58x61	89x82x74
Floor space requirements	56x53	78x71

Machine Specifications and Features shown in this brochure are provided as a guide only and are subject to change without notice