



11AD-20

B&K Blanchard Rotary Surface Grinder

STANDARD MACHINE SPECIFICATIONS

The Bourn & Koch Blanchard 11AD-20 Rotary Surface Grinder is a 21" swing diameter vertical spindle, rotary surface grinder with a GE Fanuc Powermate control for the abrasive machining of parallelism, flatness and surface finish to single or multiple piece production runs.



Technical Data - Capacities & Limits	
Grinding wheel diameter	11"
Magnetic chuck diameter	20"
Swing diameter inside warterguards	21"
Vertical range	12"
Maximum load on chuck	500 lbs
Grinding wheel horsepower (HP)	15
Type of feed system	Servo
Down feed rates IPM	.0001 - .100
Chuck rotation speeds RPM	15 - 75
Coolant capacity	75 gal
Height* (Approximate)	81"
Length (Approximate)	91"
Width (Approximate)	55"
Weight (Approximate Net)	8000 lbs

*Maximum height 91"
Technical details subject to change without notice.

Actual machine W-H-L and Weight depend on ordered configuration. Technical data is subject to change without notice and may vary according to the workpiece geometry and options supplied. Workholding equipment supplied.

WHAT IS THE BLANCHARD LEGACY NUMBERING SYSTEM?

1. First digit(s) denotes the dia. of the grinding wheel in inches.
2. Second set of digits denotes the dia. of the magnetic chuck in inches.
3. "A" denotes all-electric configuration (no mechanical feed box).
4. "C" denotes automatic cycle
5. "D" denotes dry base construction. Outside coolant system required.
6. "E" denotes electronic "Auto-Zero II" automatic cycle.
7. "H" denotes high horsepower geared head design.
8. "K" denotes sludge conveyor option in wet base of machine.
9. No letter between numbers denotes standard wet base design.



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Standard Equipment	
Description	
Base machine with GE Fanuc Powermate Control	
20" diameter permanent magnet chuck	
Grinding wheel	
Down feed system	
Rack & pinion table traverse thru wormgear reduction drive	
Water guards	
Coolant system, dry base, outside coolant supply required	
Lubrication for table and chuck bearing	
11" cylindrical wheel holder, with (1) abrasive wheel	
Three point column support	
NEMA 12 control enclosure, machine mounted	
3 phase, 60 Hz, 460 volts	
Paint: Sherwin Williams Swiss Dotted Off-White	
Documentation	
Manufactured in USA	
Standard Equipment Total (\$):	

Optional Equipment	
Description	Price (\$)
Blanchard Type II plated mounted cylinder wheels	
Extended vertical range 18"	
Continuous reading caliper attachment	
±3° Tilt column mechanism for concave/convex grinding	
±15° Tilt column mechanism for concave/convex grinding	
Diamond wheel adapter plate	
Coolant pump and mounting bracket	
Blanchard Model 75 settling tank	
Polytech Model PGF2 gravity bed filter	
Flow Pro Model PBL5 paper bed filter system	
Paper bed filtration system for water based solution	
20" rotary vacuum chuck	
Transformer for 3 phase, 50 Hz, 220/380/415/500 volts	
Training	
Optional Equipment Total (\$):	

Total Cost:	
Standard Equipment Total (\$):	
Optional Equipment Total (\$):	
TOTAL (\$):	

Submit a QUICK QUOTE Request



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