



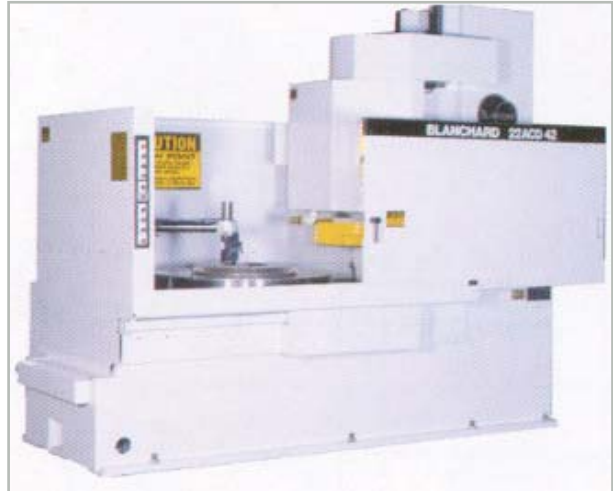
# 22AD-42

B&K Blanchard Rotary Surface Grinder

ROTARY SURFACE GRINDER

## STANDARD MACHINE SPECIFICATIONS

The Bourn & Koch Blanchard 22AD-42 Rotary Surface Grinder is a 48" 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	22"
Magnetic chuck diameter	42"
Swing diameter inside waterguards	48"
Vertical range	24"
Maximum load on chuck	3000 lbs
Grinding wheel horsepower (HP)	50
Type of feed system	Servo
Down feed rates IPM	.0001 - .100
Chuck rotation speeds RPM	6 to 24
Coolant capacity	250 gal
Height (Approximate)	109"
Length (Approximate)	140"
Width (Approximate)	69"
Weight (Approximate Net)	18300 lbs

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.



# 22AD-42

## B&K Blanchard Rotary Surface Grinder

Standard Equipment	
Description	
Base machine with GE Fanuc Powermate Control	
42" 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	
Segment wheel holder, with (1) set abrasive segments	
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	
<b>Standard Equipment Total (\$):</b>	

Optional Equipment	
Description	Price (\$)
Extended vertical range 36"	
Continuous reading caliper attachment	
In process Marposs gage & cycle system	
Coolant pump and mounting bracket	
Conveyor type settling tank, sludge conveyor	
Hand operated Trabon grease lubrication system, in lieu of auto	
Quick tilt column mechanism for concave/convex grinding	
18" Diamond wheel adapter plate	
Filtration system with built in drag out sludge conveyor	
Vacuum filtration system, synthetic fabric media	
Transformer for 3 phase, 50 Hz, 220/380/415/500 volts	
Training	
<b>Optional Equipment Total (\$):</b>	

Total Cost:	
Standard Equipment Total (\$):	
Optional Equipment Total (\$):	
<b>TOTAL (\$):</b>	

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