



- \* BIDIRECTIONAL GRINDING – Low Cycle Times**
- \* SIMPLE TO OPERATE – Low Training Costs**
- \* AUTOMATIC – Frees Operator While Grinding**

# RGS 875

## Specifications:

		<u>US</u>	<u>Metric</u>
A.	Drive Motor	75 HP	55 kW
B.	Hydraulic Motor	3 HP	2.2 kW
C.	Overall Width	75 in	1900 mm
D.	Overall Depth	103 in	2600 mm
E.	Overall Height	83 in	2100 mm
F.	Spindle Diameter	3 9/16 in	90 mm
G.	Contact Wheel Diameter	14 in	356 mm
H.	Belt Width	8 in	200 mm
I.	Belt Length	132 in	3350 mm
J	Feed Table	24 in X 18 in	600 mm X 450 mm
J	Feed Table Tee Slot	1/2 in	12 mm
K.	Machine Weight (Approx.)	9750 lbs	4430 kg

## Design Features:

### • **Operator Interface Panel with Part Number Storage**

displays operating modes, machine alarms, and maintenance alarms  
allows for digital input of operating parameters including:

#### **Grind Rate**

adjustable feed table speed for optimum grind rate

#### **Belt Oscillation**

control the belt oscillation distance for full use of the abrasive belt surface

#### **Incremental Feed**

for removal of large gates  
allows machine to make small cuts instead of straight to final depth

#### **Spark Out Cycles**

determines the amount of times the table passes the contact wheel at final depth from 0 - 5  
this feature allows for removal of burnishing on the casting

#### **Cycle Counter**

programmable for number of parts per cycle to give an accurate count of parts finished

#### **Part Number Storage**

50 different part numbers can be saved and recalled

### • **Electronic Belt Tracking Control**

selector switch control of belt tracking for ease in setup

### • **Hydraulic Belt Tensioning and Spindle Brake**

### • **Tee Slotted Feed Table**

allows for rapid changeover of grinding fixtures

### • **Ammeter**

indicates overloading or belt wear

*A. W. Bell Machinery P/L reserves the right to change specifications without notice*

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