



- * CONTINUOUS GRINDING – Increased Production Rates**
- * SIMPLE TO OPERATE – Low Training Costs**
- * MASKED OPERATOR LOADING AND UNLOADING**

RGS 230

Specifications:

	<u>US</u>	<u>Metric</u>
A. Drive Motor	30 HP	22 kW
B. Hydraulic Motor	3 HP	2.2 kW
C. Overall Width	71 ¹ / ₄ in	1810 mm
D. Overall Depth	47 ¹ / ₂ in	1207 mm
E. Overall Height	82 in	2083 mm
F. Spindle Diameter	2 ⁹ / ₁₆ in	65 mm
G. Contact Wheel Diameter	20 in	508 mm
H. Belt Width	4 in	100 mm
I. Belt Length	132 in	3350 mm
J. Feed Table Tee Slot	¹ / ₂ in	12 mm
K. Feed Table Diameter	31 ¹ / ₂ in	800 mm
L. Machine Weight (Approx.)	4800 lbs	2182 kg

Design Features:

- **Operator Interface Panel**

displays operating modes, machine alarms, and maintenance alarms

allows for digital input of operating parameters including:

- **Grind Rate**

adjustable feed table rotational speed for optimal belt life

- **Grind Depth**

controls the distance of the feed table from the contact wheel

- **Belt Oscillation**

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

- **Incremental Feed**

for removal of larger ingates using less horsepower, start height, finish height, and increment depth are entered allowing the machine to make multiple small cuts instead of one large cut

- **Spark Out Cycles**

determines the amount of additional times the feed table passes under the contact wheel
this can be set from 0 - 5 and helps achieve flatness and uniformity from part to part

- **Three Modes of Operation**

single height, continuous feed

single height with spark out

incremental feed with or without sparkout

- **Electronic Belt Tracking Control**

selector switch control of belt tracking for ease in setup

- **Hydraulic Belt Tensioning and Spindle Brake**

machine is fully hydraulic, no pneumatic supply is needed, add power, oil, and go!

- **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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