



Model 6A-200 AF Rounding Machine (8" Capacity)

This machine has been designed to meet the needs of the versatile optical shop. Glass rods or blanks stacked together can be ground accurately to accuracy of .005mm in stack or rod lengths up to 200mm.

Glass, ceramics, crystals or other such materials starting as rough shapes can be rounded accurately and quickly. The work spindle rotation is easily adjusted by dialing to the speed best suited for the material and diameter.

Table speed is also infinitely variable between 5 - 190mm per minute to suit the amount of material to be removed and the surface finish desired.

In operation, the table carrying the workpiece between "live" clamping centers, oscillates left and right between automatic stops. At the end of each cut, the diamond wheel automatically advances to the work, a pre-set amount, as determined by the operator. the machine oscillates and advances automatically until reaching the final stop position. A digital readout is provided for diameter setting. At completion of the grinding cycle, the machine returns to the "load" position and signals the operator with light and buzzer.

The entire machine frame and components are designed for handling "Wet" grinding. The sliding table is adjustable to "zero out" any taper to the work piece.

Specifications

Grind Wheel Speed:	3,000 RPM
Work Spindle Speed:	0-650 RPM inf. variable
Horizontal Feed:	5-190 mm/min. inf. variable
Maximum Blank Length:	200mm
Work Range Diameter:	3-200mm
Wheel Spindle Motor:	750W, 220VAC, 3-phase, 60 Hz.
Work Spindle Motor:	200W, DC Servo
Horizontal Feed Motor:	90W
Diamond Wheel:	200mm OD x 15mm W x 7mm diamond depth
Dimensions:	38"L x 34"W x 54"H
Weight:	975lbs.

Standard Accessories Include

Coolant Pump and Tank	Mist Collector System
10 Sets Drive/Live Centers to accommodate the diameter range 3mm to 200mm O.D.	
Standard Set-up tool kit	Instruction/Maintenance Manual

Manufacturer:  Nagata Co., Ltd.

Nagata Co., Ltd., Japan.

Sales Agent:



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