



G-716A

Fully Automatic Cutterhead Grinder



- Grinds 7" to 16" diameter eased-edge, milled-to-pattern, and fingerjoint cutterheads
 - Automatic traversing work table with adjustable travel limits
 - Touch screen operator panel
 - Computer controlled operation
 - Automatic shutdown when program is complete
 - High precision 1-1/2 HP grinding spindle with sealed lubrication
 - Recirculating, adjustable flow flooded coolant system with wash down hose
 - Wash down hose and nozzle for quick and easy clean up
 - Fully enclosed grinding chamber with viewing windows
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Advantages of the Newman G-716A Fully Automatic Cutterhead Grinder:

Completely Enclosed Grinding Area

Completely enclosed grinding area provides for a safer and cleaner grinding room. The work area is completely enclosed by a sliding hood. The closed hood provides a tight seal with the coolant recover tray. Coolant and grinding debris are carried away by the flooded coolant system and returned to the coolant reservoir. Since all the grinding debris and coolant are completely contained within the grinding hood there is no need for a pneumatic airborne particulate collection system.

Touch Screen Operator Panel

A high contrast LCD display operator interface provides a user-friendly system for programming the parameters specific to the head to be ground. The display keeps the operator informed of the current status by displaying cycles completed and total grind.

Fully Automatic Operation

The G-716A Cutterhead Grinder is computer operated and fully automatic. The operator enters the setup parameters for the cutterhead: i.e. number of knives, number of cycles, amount of grinder per cycle, and direction. After each pass of the knife by the grinding wheel the cutterhead is indexed to the next knife and is held against a positive stop finger while being ground. After each cycle of the cutterhead the grinding wheel is moved the programmed amount for depth of grind and each knife is ground again. When the programmed number of grinding cycles is completed a spark out of two grinding cycles is performed and the G-716A is automatically shut down.

Technical Information

Head Indexing and Wheel Feed:.....	Programmable / Automatic
Minimum / Maximum Diameter Cutterhead:.....	7" Min. / 16" Max.
Worktable Feed:.....	Air / Oil
Travel (maximum):.....	12"
Adjustable Limits:.....	Proximity Switch
Speed:.....	Fully Adjustable
Index Method:.....	Programmable Number of Knives, Servo Motor Index against a Positive Stop Automatic Brake Lock / Unlock
Grinding Spindle:.....	1-1/2 HP Wash Down Duty TEFC Motor, 3600 RPM, 230V/460VAC, 3 PH, 575VAC 3 PH Dual ABEC 7 Precision Bearings, with Sealed Lubrication, Diameter Grinding Wheel (9" Diameter Max.)
Coolant System:.....	15 Gallon Tank with Casters, Sediment Tray, Full View Sight Glass, 5 GPM Pump (120VAC) Wash Down Hose Included