



REBUILT Arter Model H-40 Surface Grinder

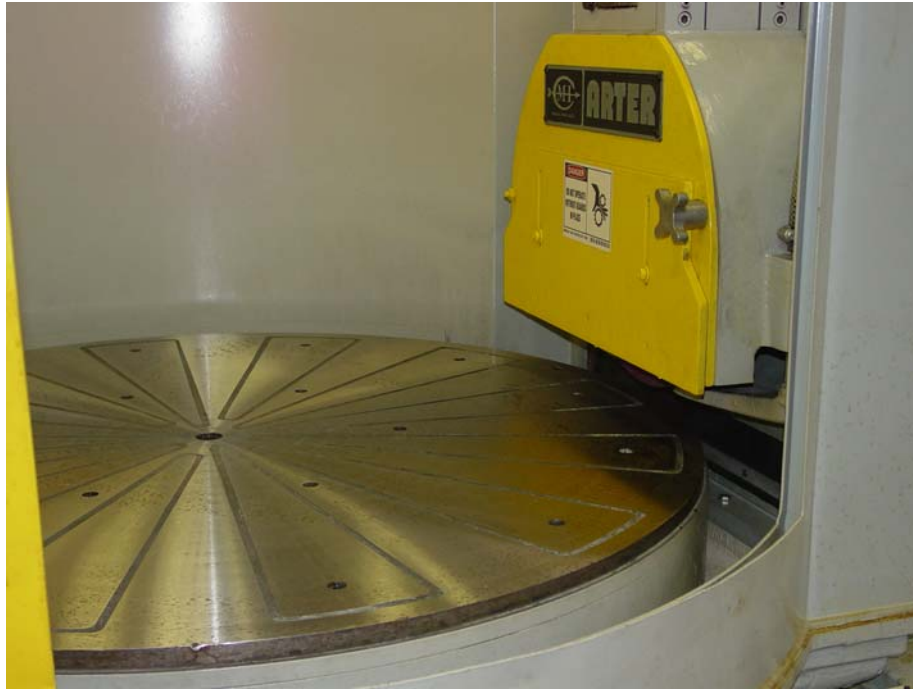


A Quantum Design Product Line

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P: (815) 226-9200
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REBUILT Arter Model H-40 Surface Grinder



Features

- Batch grind as many identical parts as the table will hold
- The wheel is always in contact with the work which greatly reduces floor-to-floor time
- Rotary tables provide work speeds up to 1,000 feet per minute (204.8 m/min) which makes the Arter grinders ideal for parts sensitive to heat and warpage
- Cast iron construction of the rugged Model H soaks up vibration even when taking heavy H.P. cuts
- A preloaded slide holds the wheelhead firmly in the ways, preventing deflection
- The rotary chuck spindle is supported by large-diameter preloaded taper roller bearings



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Specifications

Capacity	Model H-40
Magnetic Chuck- nominal diameter	40" (1,016 mm)
Magnetic Chuck- actual face diameter	40" (1,016 mm)
Swing- max in water pan	47" (1,194 mm)
Work Height- max with new wheel	10" (254 mm)
Wheel Collet flange diameter	10 -1/2" (266 mm)
Wheel size- standard	16" x 2" x 8" (406 mm x 50 mm x 203 mm)
Wheel Head Stroke- maximum	22" (559 mm)
Knee- vertical travel- maximum	12" (304 mm)
Angular tilt- convex	None
Angular tilt- concave	None

Speed and Feeds	Model H-40
Wheelhead Spindle	1400 rpm
Wheelhead traverse (inf. Adjustable)	0-10 fpm (0-3,048 mm/min)
Table Speed- adjustable	25-100 rpm
Feed handwheel- one revolution	.020" (.509 mm)
Feed handwheel- finest division	.0001" (.00254 mm)
Power feed- adjustable	.0001" - .0015" (.00254 - .0381 mm)
Table slide power positioning	6 ipm (152 mm/min)

Electrical Data	Model H-40
Standard controls: all EGP-1967-1	406V, 60Hz, 3 ph
Wheelhead spindle motor (std.)	20 H.P. (15 kW)/ 1800 rpm
Hydraulic pump motor (J.I.C)	10 H.P. (7.5 kW) / 1800 rpm

General Data	Model H-40
Tank, coolant capacity	100 gal. (380 lit.)
Tank, hydraulic capacity	80 gal. (300 lit.)
Floor Space (approx.)	64 -1/2 sq. ft. (6m ²)
Weight- Net (approx)	14,300 lbs (6,500 kg)
Weight- Crated (approx.)	15,700 lbs (7,136 kg)

