

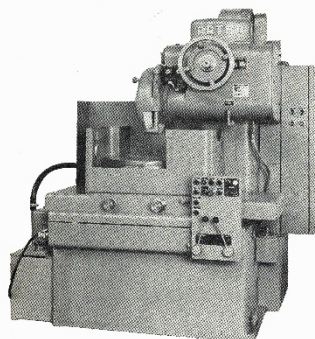
Arter Grinder Model E Hydraulic Standard Factory Specifications



Description	E-12	E-16
CAPABILITIES		
Chuck Nominal Diameter	12"	16"
Chuck Face Diameter	13"	16 ¼"
Chuck Pilot Hole	.8760/.8755	.8760/.8755
Swing in Coolant Pan	19"	19"
Standard Size Grinding Wheel	16" x 2" x 8"	16" x 2" x 8"
Wheel Minimum and Maximum Diameter	10 ½" - 16"	10 ½" - 16"
Distance Top of Chuck to Center of Grinding Wheel- Maximum	17 ½"	17 ½"
Distance Top of Chuck to Center of Grinding Wheel- Minimum	5 ½"	5 ½"
Maximum Angle Convex	19°	19°
Maximum Angle Concave	10°	10°
Special Adaptor for Maximum Convex	-	-
Wheelhead or Table Travel	13"	13"
SPEEDS AND FEEDS		
Chuck Unlimited Between-RPM	0-300	0-300
Wheel Speed in RPM's	1380	1380
Wheelhead Speeds Unlimited	-	-
Table Speeds Unlimited Between	0-19 fpm	0-19 fpm
One Turn on Feed Hand/Wheel is Equivalent	.040	.040
Each Graduation. Of Feed Dial is Equivalent	.0002	.0002
Power Feed Adjustment Each Revolution	.0002 to .0018	.0002 to .0018
Each Ratchet Tooth Equals	.0002	.0002
DRIVE		
Main Drive Motor-60 cycle	15 HP	15 HP
Hydraulic Drive Motor-Chuck	5 HP	5 HP
Electric Drive Motor-Chuck	-	-
Hydraulic Pumps	5 HP	5 HP
Coolant Pump Motor	¼ HP	¼ HP
MISCELLANEOUS		
Oil Reservoir Capacity	35 gal.	35 gal.
Coolant Tank Capacity	50 gal.	50 gal.
Net Weight Machine	8,200 lbs.	8,250 lbs.
Floor Space Occupied	73" x 73"	73" x 73"



PRECISION GRINDING MACHINES
 a brand of Obsidian Manufacturing Industries, Inc.
 5015 28th Avenue
 Rockford, IL 61109
 p. (815)962-8700
 f. (815)398-0285
 e. info@artergrinder.com
www.artergrinder.com



FRONT VIEW MODEL "E" HYDRAULIC
 ROTARY SURFACE GRINDER

All Arter Grinder models will give you a similar finish but important factors to consider include operator experience, parts characteristics, and rate of production of parts.