

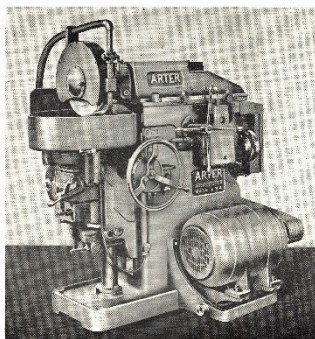
# Arter Grinder Model A-1 Standard Factory Specifications



	A-1-8	A-1-12
<b>CAPABILITIES</b>		
Chuck Nominal Diameter	8"	12"
Chuck Face Diameter	9 ½"	13"
Chuck Pilot Hole	.7505/.7500	.7505/.7500
Swing in Coolant Pan	11"	16"
Standard Size Grinding Wheel	14" x 1" x 8"	14" x 1" x 8"
Wheel Minimum and Maximum Diameter	10 ½"-14	10 ½"-14
Distance Top of Chuck to Center of Grinding Wheel- Maximum	16"	16"
Distance Top of Chuck to Center of Grinding Wheel- Minimum	4 ¾"	4 ¾"
Maximum Angle Convex	10°	8°
Maximum Angle Concave	10°	12°
Special Adaptor for Maximum Convex	15°	15°
Wheelhead or Table Travel	11"	11"
<b>SPEEDS AND FEEDS</b>		
Chuck Unlimited Between-RPM	75-300	75-300
Wheel Speed in RPM's	1610	1610
Wheelhead Speeds Unlimited	0-5.6 fpm	0-5.6 fpm
Table Speeds Unlimited Between	-	-
One Turn on Feed HandWheel is Equivalent	.100	.100
Each Graduation. Of Feed Dial is Equivalent	.001	.001
Power Feed Adjustment Each Revolution	-	-
Each Ratchet Tooth Equals	.0002	.0002
<b>DRIVE</b>		
Main Drive Motor-60 cycle	5 HP	5 HP
Hydraulic Drive Motor-Chuck	-	-
Electric Drive Motor-Chuck	1 ½ HP	1 ½ HP
Hydraulic Pumps	-	-
Coolant Pump Motor	¼ HP	¼ HP
<b>MISCELLANEOUS</b>		
Oil Reservoir Capacity	-	-
Coolant Tank Capacity	24 gal.	24 gal.
Net Weight Machine	3400 lbs.	3400 lbs.
Floor Space Occupied	41" x 64"	41" x 64"



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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.