

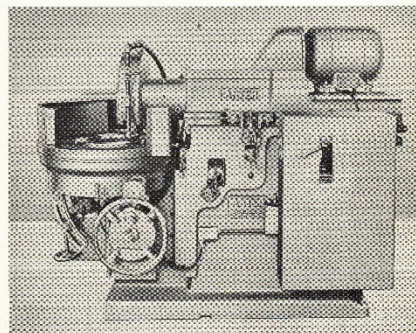
Arter Grinder Model B Standard Factory Specifications



Description	B-20	B-30	B-40	B-24
CAPABILITIES				
Chuck Nominal Diameter	20"	30"	40"	24"
Chuck Face Diameter	21"	31"	40 ½"	25"
Chuck Pilot Hole	1.0005/1.0000	1.0005/1.0000	1.0005/1.0000	1.0005/1.0000
Swing in Coolant Pan	26"	38"	44"	30"
Standard Size Grinding Wheel	20" x 2" x 12"	20" x 2" x 12"	20" x 2" x 12"	20" x 2" x 12"
Wheel Minimum and Maximum Diameter	14 ½" - 20"	14 ½" - 20"	14 ½" - 20"	14 ½" - 20"
Distance Top of Chuck to Center of Grinding Wheel- Maximum	18"	18"	16 ¼"	18"
Distance Top of Chuck to Center of Grinding Wheel- Minimum	6 ¾"	6 ¾"	6 ¾"	6 ¾"
Maximum Angle Convex	10°	10°	10°	10°
Maximum Angle Concave	10°	10°	3°	10°
Special Adaptor for Maximum Convex	-	-	-	-
Wheelhead or Table Travel	17 ¼"	17 ¼"	20 3/8"	17 ¼"
SPEEDS AND FEEDS				
Chuck Unlimited Between-RPM	0-150	0-90	0-70	0-130
Wheel Speed in RPM's	950	950	950	950
Wheelhead Speeds Unlimited	0-10 fpm	0-10 fpm	0-10 fpm	0-10 fpm
Table Speeds Unlimited Between	-	-	-	-
One Turn on Feed Hand/Wheel Equivalent	.025	.025	.025	.025
Each Graduation. Of Feed Dial Equivalent	.0005	.0005	.0005	.0005
Power Feed Adjustment Each Revolution	.00006 to .0017	.00006 to .0017	.00006 to .0017	.00006 to .0017
Each Ratchet Tooth Equals	.00006	.00006	.00006	.00006
DRIVE				
Main Drive Motor-60 cycle	10 HP	10 HP	10 HP	10 HP
Hydraulic Drive Motor-Chuck	7 ½ HP	10 HP	10 HP	7 ½ HP
Electric Drive Motor-Chuck	-	-	-	-
Hydraulic Pumps	-	-	-	-
Coolant Pump Motor	¼ HP	¼ HP	¼ HP	¼ HP
MISCELLANEOUS				
Oil Reservoir Capacity	65 gal.	65 gal.	65 gal.	65 gal.
Coolant Tank Capacity	52 gal.	52 gal.	52 gal.	52 gal.
Net Weight Machine	9,000 lbs.	10,000 lbs.	10,700 lbs.	9,500 lbs.
Floor Space Occupied	94" x 87"	100" x 87"	120" x 87"	96" x 87"



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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.