

SPECIFICATIONS

CAPACITY

	English	Metric
Root angle (maximum)	55°	
Root angle (minimum)	15°	
Pitch Diameter:		
Semi-Automatic	6"	152 mm
Automatic:		
Chute	6"	152 mm
Gear and Pinion hopper	4"	102 mm
Shank Length (maximum)		
Loader stripping height	4"	102 mm
*Gear and Pinion hopper	1½"	38 mm
Depth (maximum)		
16" cutters450"	11.4 mm
21" cutters585"	14.8 mm
Face Width at Root (Maximum)		
16" cutters	1"	25.4 mm
21" cutters	1-1/8"	28 mm
Index Range	8-50	

WORK SPINDLE

Diameter of tapered hole at large end	3-29/32"	99 mm
Taper per foot	39/64"	15.4 mm
Depth of taper	5/8"	15.8 mm
Counterbore behind taper	2¼" x 3-1/16"	57.2 x 77.9 mm
Diameter of hole through spindle	7/8"	22.3 mm

FEEDS AND SPEEDS

Cutter speeds (feet per minute)		
16" cutters	105-160 ft/min.	32.3-48.8 M/min.
21" cutters	107-163 ft/min.	32.9-51.0 M/min.
Feeds (seconds per tooth)		
16" cutters	1.6-2.4	1.6-2.4
21" cutters	2.0-3.1	2.0-3.1

ELECTRICAL EQUIPMENT

	60 Cycle	50 Cycle
Main Drive Motor	15 H.P., 1800 RPM	15 H.P., 1500 RPM
Hydraulic Motor	7½ H.P., 1200 RPM	7½ H.P., 1500 RPM
Cutting oil pump (built-in motor)	2 H.P., 3600 RPM	2 H.P., 3000 RPM
Chip screw motor	¼ H.P., 1800 RPM	¼ H.P., 1500 RPM

MISCELLANEOUS

	English	Metric
Floor space		
Manual	126" x 87"	3200 x 2210 mm
Automatic (maximum required)	126" x 89"	3200 x 2260 mm
Approximate net weight		
Automatic machine	22,000 lbs.	9600 Kg.
Approximate shipping weight, boxed for export (automatic machine)	24,500 lbs.	10,700 Kg.

*Can be extended in some cases—submit prints.