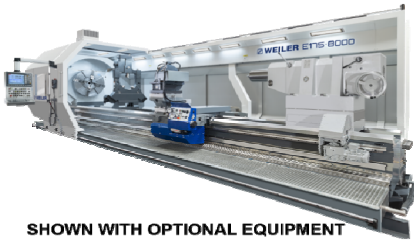




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E175



SHOWN WITH OPTIONAL EQUIPMENT



The most outstanding features of the E series are practical, easy operation and quick adaptation to a wide range of applications – especially on complicated work pieces. Our experts have achieved this by integrating a series of cycles that may be run individually or as automated sequences. Customers producing one-offs and small batch will be particularly pleased with the E series – because its control system speeds up the process of attaining a finished, high precision work piece. The automated cycle control system has eliminated any possible misunderstandings between man and machine. Even operators with little experience won't have problems! The intelligent WEILER software is a competent guide, leading the way through the program with clearly defined screens. This model is available in center distances from 79 - 630 inches.

E175						
Working Range	Turning Length / Center Distance	78 3/4"	118 1/8"	157 1/2"	236 1/4"	630"
		2000mm	3000mm	4000mm	6000mm	16000mm
	Swing Over Bed	68.9"				
		1750 mm				
	Swing Over Cross Slide	50.4"				
		1280 mm				
	Travel of Cross Slide	31" (790 mm)				
Main Spindle	Width of Bed	32.7" (830 mm)				
	Turning Tool (height x width)	1 1/2 x 1 1/2"				
		40x40 mm				
	Spindle Nose DIN ISO 702-3	Size 15 DIN 55027 (20*/20*/28*)				
	Spindle Diameter in Front Bearing	9.25"				
		235 mm				
	Spindle Bore	6.5" / 10.3" / 14.25" / 17.72"				
		165 mm / 262 mm / 362 mm / 450 mm				
	Inside Taper of Spindle	171 mm				
	Drive Power at 60% 100% duty cycle	87 HP / 68 HP				
	64 kW / 51 kW					
Speed Range	1-900 rpm (1-700 / 1-500 / 1-450)					
Number of Speeds	3					
Max. Torque of Spindle at 100%	10030 ft. lbs. / 13720 ft. lbs. / 13720 ft. lbs.					
	13599 Nm / 18602 Nm / 18602 Nm					
Feed Rate	Feedrate per Rev	.00004-2" (0.001-50 mm)				
	Rapid Traverse Z/X	394" / 197" 10000 mm / 5000 mm				
Thread Cutting	Metric Threads	0.1 - 2000 mm				
	Inch Threads	112 -1/64 TPI				
	Modular Threads	0.05 - 56 mm				
	Diametral Threads	0.05 - 448 DP				
Tailstock	Quill Diameter	7.09" (180 mm)				
	Quill Stroke	15.75" (400 mm)				
	Inside Taper of Quill	100 metric MT				
Weight	Approx. Shipping Weight	39,700 lb	41,900 lb	44,100 lb	48,520 lb	70560 lb
		18000 kg	19000 kg	20000 kg	22000 kg	32000 kg