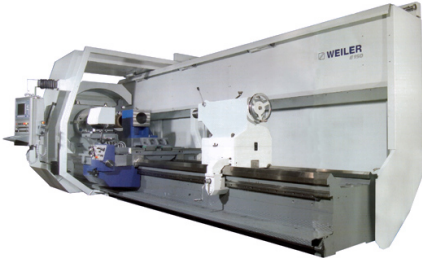


E175



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 batches 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.

		E175			
Working Range	Turning Length / Center Distance	78 3/4"	118 1/8"	177 1/8"	236 7/32"
		2000mm	3000mm	4000mm	6000mm
	Swing Over Bed	68.9"			
		1750 mm			
	Swing Over Cross Slide	50.4"			
		1280 mm			
	Travel of Cross Slide	31" (790 mm)			
	Travel of Top Slide	-			
	Width of Bed	32.7" (830 mm)			
	Turning Tool (height x width)	1 1/2 x 1 1/2"			
40x40 mm					
Spindle nose - DIN 55029	Size 15 DIN 55027				
Spindle Diameter in Front Bearing	9 1/4"				
	235 mm				
Spindle Bore	6.5"				
	165 mm				

Main Spindle	Inside Taper of Spindle	171 mm			
	Drive Power at 100% duty cycle	68 HP			
		51 kW			
	Speed Range	1-900 rpm			
	Number of Speeds	-			
	Max. Torque of Spindle at 100%	7375 ft. lbs.			
10000 Nm					
Feed Rate	Feedrate per Rev	.00004-2" (0.001-50 mm)			
	Feedrate per minute	.00004-393" (.001-10000mm)			
Threadcutting	Metric Threads	0.1 - 2000 mm			
	Inch Threads	1/64 - 112 TPI			
	Modular Threads	0.05 - 56 mm			
	Diametral Threads	0.05 - 448 DP			
Tailstock	Quill Diameter	7.09" (180 mm)			
	Inside Taper of Quill	100			
Weight	Shipping Weight	39,681 lb	41,886 lb	44,090 lb	48,499 lb
		18000 kg	19000 kg	20000 kg	22000 kg