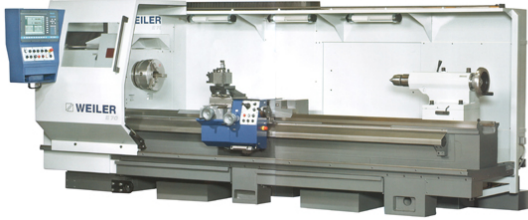


E70



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.

		E70			
Working Range	Turning Length / Center Distance	39 3/8"	78 3/4"	118 1/8"	177 1/8"
		1000mm	2000mm	3000mm	4500mm
	Swing Over Bed	28 1/4"			
		720 mm			
	Swing Over Cross Slide	16 15/16"			
		430 mm			
	Travel of Cross Slide	16 1/8" (410 mm)			
	Travel of Top Slide	5 1/2" (140 mm)			
	Width of Bed	18 7/8" (480 mm)			
	Turning Tool (height x width)	1 1/4x1"			
32x25 mm					
Spindle nose - DIN 55029	Size 11 DIN 55027				
Spindle Diameter in Front Bearing	-				
	-				
Spindle Bore	4.173" (106 mm)				
	106 mm				

Main Spindle	Inside Taper of Spindle	-			
	Drive Power at 100% duty cycle	40 HP (30 kW)			
		30 kW			
	Speed Range	1-1800 rpm			
	Number of Speeds	-			
	Max. Torque of Spindle at 100%	2321 ft. lbs. (3150 Nm)			
3150 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	4.527" (115 mm)			
	Inside Taper of Quill	MT6			
Weight	Shipping Weight	9900 lb	11880 lb	13500 lb	14520 lb
		4500 kg	5400 kg	6100 kg	6600 kg