

## E90



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.

		<b>E90</b>			
<b>Working Range</b>	Turning Length / Center Distance	78.74"	118.11"	177.17"	236.22"
		2000mm	3000mm	4500mm	6000mm
	Swing Over Bed	35.4"			
		900 mm			
	Swing Over Cross Slide	20.9"			
		530 mm			
	Travel of Cross Slide	23.2" (590 mm)			
	Travel of Top Slide	9.8" (250 mm)			
	Width of Bed	23.6" (600 mm)			
	Turning Tool (height x width)	1.5x1.5"			
40x40 mm					
Spindle nose - DIN 55029	Size 11 DIN 55027				
Spindle Diameter in Front Bearing	7.007"				
	178 mm				
Spindle Bore	5"				
	128 mm				

<b>Main Spindle</b>	Inside Taper of Spindle	-			
	Drive Power at 100% duty cycle	49 HP			
		37 kW			
	Speed Range	1-1120 rpm			
	Number of Speeds	-			
	Max. Torque of Spindle at 100%	4421 ft. lbs.			
6000 Nm					
<b>Feed Rate</b>	Feedrate per Rev	.00004-2" (0.001-50 mm)			
	Feedrate per minute	.00004-393" (.001-10000mm)			
<b>Threadcutting</b>	Metric Threads	0.1 - 2000 mm			
	Inch Threads	1/64 - 112 TPI			
	Modular Threads	0.05 - 56 mm			
	Diametral Threads	0.05 - 448 DP			
<b>Tailstock</b>	Quill Diameter	5.5" (140 mm)			
	Inside Taper of Quill	MT6			
<b>Weight</b>	Shipping Weight	18700 lb	20900 lb	23100 lb	25300 lb
		10500 kg	11500 kg	23100 kg	25300 kg