

ET-XL SERIES SPECIFICATIONS		ET-50	ET-65	ET-80
MACHINE CAPACITY	Swing Over Bed	50"	65"	80"
	Swing Over Cross Slide	35"	50"	65"
	Center Height	25"	32"	40"
	Distance Between Centers	60"		
	Optional Distance Between Centers	80", 120", 160", 200", 240", 280", 340"		
	Width of Bed	30"		
	Width of Cross Slide	13.5"		
	Cross Slide Travel (X)	27" (33", 40")		
	Longitudinal Travel (Z)	67"		
	Optional Travel (Z)	87", 126", 165", 205", 244", 284"		
	Ball Screw Size	3.00" Z - 1.625" X		
	Max Part Weight - w/ Tailstock	15,000 lbs		
	Max Part Weight - w/ S/R and T/S	20,000 lbs		
SPINDLE	Spindle Nose	A2-11 (A2-15, A2-20, A2-28)		
	Spindle Bore	6.10" (9", 10", 12", 16", 20")		
	Spindle Motor HP (Peak)	50 HP		
	Spindle Speed (RPM)	3 - 750 (600, 375, 300)		
	Spindle Torque (Peak)	19,700 ft/lbs @ 30 RPM		
	Speed Ranges	Low 3 - 30		
		Medium 31 - 150		
		High 151 - 750		
	Speed Selection	Automatic		
TAILSTOCK	Quill Travel	12.0" Hydraulic motor - 9 IPM		
	Quill Diameter	6.50"		
	Quill Taper Hole	MT-6		
	Quill Spindle Nose	A1-8 - Includes Built in Spindle		
	Tailstock Body Movement	Electric Motor with Rack and Pinion		
PERFORMANCE	Positioning Accuracy	+/- 0.0002"		
	Positioning Repeatability	+/- 0.0001"		
	Resolution	+/-0.00010"		
	Rapid Traverse (X,Z)	400 IPM		
	Servo Type	AC Digital Brushless		
	Axis Thrust (Peak)	8,894 lbs. X 12,720 lbs. Z		
GENERAL INFO	Air Requirements	90 PSI - 5 CFM		
	Coolant Capacity	70 Gallons		
	Coolant Flow	4 GPM		
	Power Requirements	125 AMP		
	Voltage Requirements	380-500 VAC		
	Shipping Dimensions* (WxDxH)	145"(60), 205"(120), 245" (160), 285" (200), 325" (240) x 70" x 75"		
	Operating Dimensions (WxDxH)	145"(60), 205"(120), 245" (160), 285" (200), 325" (240) x 70" x 75"		
	Machine Weight	26,500 lbs.	28,500 lbs.	30,500 lbs.
		80" 28,500 lbs.	80" 30,500 lbs.	80" 32,500 lbs.
		120" 32,000 lbs.	120" 34,700 lbs.	120" 36,700 lbs.
		160" 35,500 lbs.	160" 37,800 lbs.	160" 39,800 lbs.
		200" 39,000 lbs	200" 41,100 lbs	200" 43,100 lbs
		240" 42,500 lbs	240" 44,800 lbs	240" 46,800 lbs
		280" 46,100 lbs	280" 48,400 lbs	280" 50,800 lbs