

	ET XL 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"		
	Width of Bed		30"		
	Width of Cross Slide		13.5"		
	Cross Slide Travel (X)		27"		
	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 (with tailstock)		15,000 lbs.		
Max Part Weight (with S/R and T/S)		20,000 lbs.			
SPINDLE	Spindle Nose		A2-11 (A2-15, A2-20, A2-28)		
	Spindle Bore		6.10" (9", 12", 16")		
	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		
	Quill Travel		12.0" Hydraulic Motor - 9 IPM		
TAILSTOCK	Quill Diameter		6.50"		
	Quill Taper Hole		MT-6		
	Tailstock Body Movement		Electric Motor with Rack & Pinion		
	Positioning Accuracy		+/- 0.0002"		
PERFORMANCE	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 INFORMATION	Air Pressure Requirements		90 PSI; 5 CFM		
	Coolant Capacity		70 Gallons		
	Coolant Flow		4 Gal/Min		
	Power Requirements		150 AMP		
	Voltage Requirements		400-500 VAC (200 VAC not available)		
	Shipping Dimensions* (WxDxH)	145" (60), 206" (120), 245" (160), 285" (200), 325" (240) x 70" x 75"			
	Operating Dimensions (WxDxH)	145" (60), 206" (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.		