

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"			
	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 - 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", 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				
TAILSTOCK	Quill Travel	12.0" Hydraulic motor - 9 IPM			
	Quill Diameter	6.50"			
	Quill Taper Hole	MT-6			
	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	150 AMP			
	Voltage Requirements	380-500 VAC	(220 VAC not available)		
	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	240" 50,800 lbs		