



Precision Built Solutions™

SPECIFICATIONS

ET TOOLROOM SERIES

		ET-18	ET-21	ET-25
MACHINE CAPACITY	Swing Over Bed	18"	21"	25"
	Swing Over Cross Slide	9.5"	12"	16"
	Center Height	9.5"	11"	13"
	Swing in Gap	N/A	N/A	N/A
	Distance Between Centers	40"	60"	60"
	Optional Distance Between Centers	60"	40"	40"
	Width of Bed	14"	14"	14"
	Width of Cross Slide	8.5"	8.5"	8.5"
	Cross Slide Travel (X)	10"	12"	12.5"
	Longitudinal Travel (Z)	37"	57"	57"
	Optional Travel (Z)	57"	37"	37"
	Ball Screw Size	1.625" Z - 1.00" X	1.625" Z - 1.00" X	1.625" Z - 1.00" X
	Max Part Weight - Unsupported	500 lbs.	800 lbs.	800 lbs.
	Max Part Weight - Supported with S/R	2500 lbs	3000 lbs	3000 lbs
SPINDLE	Spindle Nose	Camlock D1-6 (D1-8)	Camlock D1-8	
	Spindle Bore	2.05"	3.50"	
	Spindle Nose Taper	MT - 6	Straight	
	Spindle Motor HP (Peak)	10 HP	15 HP	
	Spindle Speed (RPM)	50 - 2,500	50 - 2,000	
	Speed Ranges	Low 50 - 350	Low 50 - 300	
		High 100 - 2,500	High 100 - 2,000	
	Speed Selection	Auto Shift		
TAILSTOCK	Quill Travel	5.0"	5.5"	
	Quill Diameter	2.5"	2.5"	
	Quill Taper Hole	MT-4	MT-4	
PERFORMANCE	Positioning Accuracy	+/-0.0002"		
	Position Repeatability	+/-0.0001"		
	Rapid Traverse (X,Z)	400 IPM		
	Servo Type	AC Digital Brushless		
	Axis Thrust (Peak)	3,058 lbs. X	3,504 lbs. Z	
GENERAL INFORMATION	Air Requirements	90 PSI - 5 CFM		
	Coolant Capacity	10 Gallons		
	Coolant Flow	2 GPM		
	Power Requirements	40 AMP		
	Voltage Requirements	205-245 VAC 3 PHASE (400-480 VAC Optional)		
	Shipping Dimensions(WxDxH)	86"X72"X68"	106"X76"X68"	106"X76"X68"
	Operating Dimensions (WxDxH)	86"X74"X68"	106"X78"X68"	106"X78"X68"
	Machine Weight	6,500 lbs.	7,500 lbs.	8,500 lbs.
		60" 7,000 lbs.	40" 7,000 lbs.	40" 8,000 lbs.