

Machine:	UTC-2180-EXP
Swing over bed	21" (530 mm)
Swing over cross slide	13 ½" (340 mm)
Distance between centers	40" (1,015 mm)
Cross slide (X) travel	11" (280 mm)
Carriage (Z) travel	32" (812 mm)
Spindle:	
Spindle nose (Camlock)	D1-8
Spindle hole	3-1/16" (78 mm)
Spindle taper	7 MT
Spindle speed programmable	25-2,000 rpm
Main motor	20 HP AC (15 kW)
Positioning:	
Positioning accuracy	± 0.0005" (0.01 mm)
Positioning repeatability	± 0.0002" (0.005 mm)
Input resolution	± 0.0001" (0.002 mm)
Servo resolution	± 0.0001" (0.002 mm)
Turning:	
Feedrate Z axis	650 ipm (1.6 mpm)
Rapid traverse X & Z axis	250 ipm (6.3 mpm)
Tailstock:	
Quill diameter	2 15/16" (75 mm)
Quill taper	#5 MT
Quill travel	7" (175 mm)
Bed:	
Bed width	13 ½" (340 mm)
Ways (Induction hardened)	2 "V", 2 flat
Carriage & Cross Slide:	
Carriage length	21" (530 mm)
Traverse rapid	650 ipm / Z axis (1.6 mpm)
Drive motors	Baldor
Weighted handwheels (manual pulse generator) for carriage and cross slide movement. Conveniently located at apron front plate)	OPTIONAL
General:	
Bedways	Induction hardened and ground
Leadscrew precision ground, recirculating ball	Diam. X = 1" (25 mm)
Screw	Z = 2 ½" (63 mm)
Shipping weight	7,600 lbs (3,455 kg)
Required floor space	92 ½" x 101 ¾" x 58 ½" (2,350 x 2,580 x 1,480 mm)