



GTW-2060 CNC

20" x 60" CNC Lathe

- + 3.38" Bar Capacity
- + 10-HP Inverter Spindle Motor
- + Ø20" Swing over bedways - 40" or 60" between Centers
- + FANUC 0i-TF CNC Control or Fagor 8055
- + 4-Way Programmable Indexing Toolpost
- + D1-8 Spindle Nose
- + 2-Programmable Gear Ranges for High-Torque

Capacity & Dimensions

Swing over Bed	20.78"	(510 mm)
Swing over Cross Slide	11.02"	(280 mm)
Center Height	10.04"	(255 mm)
Center Distance	59.05"	(1500 mm)
Bed Length	102.2	(2595 mm)
Bed Way Width	14.5"	(370 mm)
Bed Casting Height	13-3/8"	(340 mm)

Spindle

Spindle Motor Horsepower	10 HP	(15 HP Peak) (7.5 kw - 11 kw)
Spindle Speeds - Programmable	30 - 1,600 RPM	infinitely variable, in 2 gear ranges
Spindle Speed Gear Ranges	L = (30 - 640)	H = 80 - 1600 RPM
Constant Power Ranges	L = 200 - 640	H = 500 - 1600 RPM
Constant Torque Ranges	L = 30 - 200	H = 80 - 500 RPM
Spindle Bore	3-3/8" (3.385")	(86 mm)
Spindle Nose - Camlock	D1 - 8 Camlock	
Spindle ID taper in spindle nose	Ø92mm x 1/20	Taper

Cross Slide X Axis

Rapid Traverse Feedrate	197 IPM	(5 m / min)
X-Axis motor power	FANUC	Beta IS4 0.75 kw 4000 RPM
Cross Slide Travel	10.63"	(270 mm)
Cross Slide Dimensions - width x length	8.26" x 27.5"	(210 x 700 mm)
Cross Slide Ballscrew diameter	.62/64"	(25 mm)
Cross Slide Ballscrew Pitch	5 mm	Accuracy Grade C3 (H-P Laser Tested)
Cross Slide Thrust	1,190 lbs	(540 kg Force)

Carriage Z Axis

Rapid Traverse Feedrate	197 IPM	(5 m / min)
Z-Axis Motor Power	FANUC	Beta IS4 0.75 kw (4,000 RPM)
Z-Axis Travel	38.58"	(980 mm) 59.05" (1500 mm)
Cutting Tool Height Maximum	1"	(25 mm)
Carriage ballscrew diameter	1.26"	(32 mm)
Carriage ballscrew pitch	5 mm	Accuracy Grade C3 (H-P Laser Tested)
Carriage Slide Thrust	1,190 lbs	(540 kg Force)

Tailstock

Quill Diameter	2.95"	(75 mm)
Quill Stroke - w/ selectable 2 speed Quill Advance	6.30"	(160 mm)
Quill Taper	MT - 5	Morse Taper #5
Quill Tang Drive and drift-slot for tailstock	included	
Tailstock body set-over adjustment	±0.4"	(±1 mm)

Specifications

Coolant Pump Motor	1/8 HP / 13.2-gal	
Coolant Tank Capacity	13.2-gal	(50 liters)
Electrical Requirements	220 vac ±5%	60 Hz / 60 amp service
Machine Weight	6,173 lbs	(2,800 kg)
Shipping Weight	7,055 lbs	(3,200 kg)
Machine Dimensions (L x W x H)	120" x 65" x 72"	
Shipping Dimensions (L x W x H)	131" x 73" x 78"	