



GTW-2460 CNC

24" X 60" Heavy Duty CNC Lathe

- + 4.09" Bar Capacity
- + 24" Swing Diameter over Bedways
- + 60" Between Centers
- + Compact Footprints make it ideal for R&D and Toolroom shops
- + Easy to use Fanuc or Fagor CNC Control
- + Meehanite casting help minimize vibration for superior finish and tool life
- + Hardened & Precision ground double-Vee / Double-Flat bedways for high rigidity
- + Automatic Metered lubrication system for ball screws and way
- + Inch/metric threading, Left or right hand threading
- + Built in high capacity coolant system

Capacity & Dimensions

Swing over Bed	24"	(610mm)
Swing over Cross Slide	14.5"	(370mm)
Center Height	12"	(305mm)
Center Distance	59.05"	(1500mm)
Bed Length	102.36"	(2600mm)
Bed Way Width	15.75"	(400mm)
Bed Casting Height	13 3/8"	(340mm)

Spindle

Spindle Motor Horsepower	20 HP Peak	(15 HP 30min duty) (11Kw - 15Kw)
Spindle Speeds - Programmable	30 - 1600 RPM	infinitely variable, in 2 gear ranges
Spindle Speed 2 Gear Ranges - Programmable	M41=30 - 600	M42 = 80 - 1600 RPM
Spindle Speed	H = 80 - 1600 RPM	L = 30 - 600 RPM
Spindle Bore	ø4.09"	(104mm) (90mm with hydraulic chuck)
Spindle Nose - Camlock	D1-8 Camlock	75mm Draw tube
Spindle Bearings - 2 bearing spindle	Tapered Roller Bearings front, roller bearing rear	
Spindle ID taper in spindle nose	MT-8	MT#8 Taper

Cross Slide X Axis

Rapid Traverse Feedrate	197 IPM	(5m/min)
X-Axis motor power	FANUC	Beta IS4 0.75Kw 4000RPM
Cross Slide Travel	12.63"	(320mm)
Cross Slide Dimensions - width x length	9.05" x 29.9"	(230 x 760mm)
Cross Slide Ballscrew diameter	.984"	(25mm)
Cross Slide Ballscrew Pitch	5mm	Accuracy Grade C3 (H-P Laser Tested)
Cross Slide Thrust	1190 lbs	(540 Kg Force)

Carriage Z Axis

Rapid Traverse Feedrate	197 IPM	(5m/min)
Z-Axis Motor Power	FANUC	Beta IS4 0.75kw (4000rpm)
Z-Axis Travel	59.05"	(1500mm)
Cutting Tool Height Maximum	1"	(25mm)
Carriage ballscrew diameter	1.26"	(32mm)
Carriage ballscrew pitch	5mm	Accuracy Grade C3 (H-P Laser Tested)
Carriage Slide Thrust	1190 lbs.	(540 Kg Force)

Tailstock

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

Specifications

Coolant Pump Motor	1/8 HP / 13.2 gal.	
Coolant Tank Capacity	10.5 gal.	(40 liters)
Electrical Requirements	220 vac ±5%	60 Hz / 75 amp service
Machine Weight	8820 lbs.	(4000 kgs)
Shipping Weight	9260 lbs.	(4200 kgs)
Machine Dimensions (L x W x H)	129" x 75" x 80"	(3260 x 1900 x 2030mm)
Shipping Dimensions (L x W x H)	133" x 79" x 86"	