



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" | (610 mm) |
| Swing over Cross Slide | 14.5" | (370 mm) |
| Center Height | 12" | (305 mm) |
| Center Distance | 59.05" | (1,500 mm) |
| Bed Length | 102.36" | (2,600 mm) |
| Bed Way Width | 15.75" | (400 mm) |
| Bed Casting Height | 13 3/8" | (340 mm) |

Spindle

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| Spindle Motor Horsepower | 20 HP Peak | (15 HP 30 min duty) (11 kw - 15 kw) |
| Spindle Speeds - Programmable | 30 - 1,600 RPM | infinitely variable, in 2 gear ranges |
| Spindle Speed 2 Gear Ranges - Programmable | M41 = 30 - 600 | M42 = 80 - 1,600 RPM |
| Spindle Speed | H = 80 - 1,600 RPM | L = 30 - 600 RPM |
| Spindle Bore | ø4.09" | (104 mm) (90 mm with hydraulic chuck) |
| Spindle Nose - Camlock | D1 - 8 Camlock | 75 mm 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 | (5 m / min) |
| X-Axis motor power | FANUC | Beta IS4 0.75 kw 4,000 RPM |
| Cross Slide Travel | 12.63" | (320 mm) |
| Cross Slide Dimensions - width x length | 9.05" x 29.9" | (230 x 760 mm) |
| Cross Slide Ballscrew diameter | .984" | (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 | 59.05" | (1,500 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

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|--|----------|----------------|
| 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

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|-----------------------------------|--------------------|----------------------------|
| 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 | 8,820 lbs | (4,000 kg) |
| Shipping Weight | 9,260 lbs | (4,200 kg) |
| Machine Dimensions (L x W x H) | 129" x 75" x 80" | (3,260 x 1,900 x 2,030 mm) |
| Shipping Dimensions (L x W x H) | 133" x 79" x 86" | |