



# GTD-44F CNC

## 44" - 52" Heavy Duty Facing Lathe Machine

- + Automatic 4-way toolpost standard, 8 & 12 station vertical turrets are available
- + Full splash guard for chip and coolant containment
- + Link-Belt style rear discharge chip conveyor included
- + Inch/Metric threading, left or right-hand threading, single or multiple start threading
- + Built in high-capacity coolant system to flush away chips and extend tool life
- + Large fluorescent worklight
- + 3-light machine condition display lamp

**Capacity & Dimensions**

Swing over Bed	44" (1,120 mm)	52" 1300 mm optional
Swing over Cross Slide	23.63" (600 mm)	31.5" 800 mm optional
Bed Width	31.5" (810 mm)	

**Spindle**

Spindle Motor Horsepower	30 HP	[22 kW Fanuc]
Spindle Speed	6-500 rpm in 4-automatically selectable gear ranges	
Gear Ranges 4-ininitely variable speed ranges	6-35 rpm, 19-112 rpm, 70-350 rpm, 226-500 rpm	
Spindle Bore	6" (152 mm)	Optional 9", 10", and 12" available
Spindle Nose	A2 - 11	A2 - 15 & A2 - 20 optional

**Axis**

X-Axis Cross Slide Travel (w/standard 4-position turret)	21.66" (550 mm)	[25.59" 650 mm with 52" swing]
X-Axis Ballscrew / Servo Motor	40 mm	Pitch 10 mm / 5.3 HP (4 kw) Servo motor
Z-Axis Travel	39.37" (1000 mm)	chuck and turret type may reduce travel
Z-Axis Ballscrew / Servo Motor	63 mm	Pitch 10 mm / 5.3 HP (4 kw) Servo motor
X and Z Axis rapid feed rate	196" / min	[5,000 mm / min]
X and Z Axis cutting feed rate	118" / min	[3,000 mm / min]
Minimum input unit	0.0001" (0.001 mm = 40 millionth of an inch)	

**Tool Turret**

Turret Tool Stations (10 & 12 station turrets optional)	4-Station tool turret with any mix of ID & OD tools	
OD Tool Size	40 mm X 40 mm	[1.57" X 1.57"]
ID Tool Holder Bore (4-ID toolholders included)	50 mm	[1.97"]

**Specifications**

Machine Dimensions - 44" swing capacity ( L x W x H )	167" x 99" x 84"	[4,242 x 2,515 x 2,134 mm]
Machine Dimensions - 52" swing capacity ( L x W x H )	167" x 103" x 84"	[4,242 x 2,616 x 2,134 mm]
Coolant System	1.7 HP	[1.275 kw] coolant pump
Electrical Requirements - Fanuc 0i-TF, Drives & Motors	220 vac ±5%	3-Ph, 60 Hz
Warranty - 1-Year Machine	2-Year FANUC control and drives	