



GT-200B Turning Center

With 8" Chuck & Fanuc TXP-100i Control

STANDARD FEATURES

POWERFUL 15 HP SPINDLE OUTPUT
 4,500 RPM MAXIMUM SPINDLE SPEED
 8" HYDRAULIC CHUCKING SYSTEM
 141 FT-LBS. OF TORQUE @ 195 RPM (30 MINUTE RATING)
 RIGID ONE PIECE 30° SLANT BED
 PRECISION HARDENED & GROUND BALLSCREWS
 HARDENED & GROUND BOXWAY CONSTRUCTION
 HEAT EXCHANGER FOR ELECTRICAL CABINET
 AUTOMATIC LUBRICATION SYSTEM
 FLUORESCENT WORK LAMP
 HIGH QUALITY & RUGGED MEEHANITE® CASTINGS
 34 GAL. HIGH CAPACITY COOLANT TANK
 SET OF HARD & SOFT JAWS
 MT-4 LIVE CENTER

FAST 10 POSITION HYDRAULIC TURRET
 NON-STOP BI-DIRECTIONAL TOOL INDEXING
 SERVO TURRET
 TAILSTOCK ^{w/} PROGRAMMABLE QUILL
 LIFT UP STYLE CHIP CONVEYOR
 ABSOLUTE POSITIONING ENCODERS
 AC DIGITAL SERVO & SPINDLE DRIVES
 8.4" LCD MONITOR
 TOOL PATH GRAPHICS
 MACRO B & HIGH SPEED SKIP FUNCTION
 640 METERS MEMORY W/ PCMCIA EXPANSION SL
 RS 232 INTERFACE
 SWIVEL DESIGNED CONTROL PANEL
 AIR GUN

BASIC SPECIFICATIONS

GT-200B

SPINDLE

| | |
|--------------------------------|-----------------|
| Horse Power | 15 HP (30 Min.) |
| Spindle Nose | A2-6 ASA |
| Through Hole / Bar Capacity | 2.44 / 2.0" |
| Spindle Speed Range (8" Chuck) | 8~4,500 RPM |

TRAVEL

| | |
|--------------------------------------|--------|
| X Axis Travel (Maximum Cross Travel) | 5.91" |
| Z Axis Travel | 13.58" |
| Swing Over Bed | 19.69" |
| Swing Over Carriage | 12.99" |
| Max. Turning Diameter | 10.24" |
| Distance Between Center | 21.46" |
| Max. Turning Length | 13.58" |

FEED

| | |
|--------------|----------|
| X-Axis Rapid | 945 IPM |
| Z-Axis Rapid | 1181 IPM |

TURRET

| | |
|-------------------------|---|
| Number of Tools | 10 |
| Tool Size (O.D. / I.D.) | □1.0" / Ø1.0" |
| Tooling | 5 ea. 1.5" ID Tool Holders 1 ea. Face Tool Holders 1 ea. U-Drill Holder |

GT-200B Turning Center

With 8" Chuck & Fanuc TXP-100i Control

TAIL STOCK

| | |
|-------------------|--------|
| Quill Diameter | 2.95" |
| Max. Quill Travel | 3.94" |
| Quill Taper | MT-# 4 |

GENERAL

| | |
|--------------------------------------|------------------|
| Machine Net Weight / Shipping Weight | 8,820 lbs. |
| Shipping Weight | 9,000 lbs. |
| Power Consumption | 30 kVA |
| Floor Spacing (W x D x H) | 106" x 69" x 73" |
| Shipping Dimensions (W x D x H) | |

DETAILED SPECIFICATIONS

GT-200B

WORKING CAPACITY

| | |
|--------------------------|--------|
| Swing over Bed | 19.69" |
| Swing over Carriage | 12.99" |
| Maximum Turning Diameter | 10.24" |
| Bar Working Capacity | Ø2.0" |
| Distance Between Center | 21.46" |
| Max. Turning Length | 13.58" |

SPINDLE

| | |
|----------------------------------|--------------------------------------|
| Spindle Motor | FANUC a P22 AC Digital Spindle Motor |
| Horsepower | 10 HP (Cont.) / 15 HP (30 min.) |
| Spindle Drive | |
| Chuck Diameter | 8" |
| Spindle Nose | A2-6 ASA |
| Spindle Diameter | Ø 3.94" |
| Spindle thru-hole Diameter | Ø 2.44" |
| RPM Range (High) | 45~4500 rpm |
| Spindle Center Height from Floor | 38.9" |
| Maximum Torque | 141 ft-lbs. |

X AXIS

| | |
|----------------------------|----------------|
| Ballscrew: Diameter | Ø 1.26" / 32mm |
| Class | JIS C3 |
| Pitch | 0.472" / 12mm |
| Feed Rate: Rapid Traverse | 945 ipm |
| Travel: | 7.67" |
| Motor Horse Power | 4 |
| Maximum Axial Thrust Force | 6,980 ft. lbs. |

Z AXIS

| | |
|----------------------------|----------------|
| Ballscrew: Diameter | Ø 1.57" / 40mm |
| Class | JIS C3 |
| Pitch | 0.630" / 16mm |
| Feed Rate: Rapid Traverse | 1181 ipm |
| Travel: | 22" |
| Motor Horse Power | 4 |
| Maximum Axial Thrust Force | 5,817 ft. lbs. |

GT-200B Turning Center

With 8" Chuck & Fanuc TXP-100i Control

DETAILED SPECIFICATIONS

GT-200B

TURRET

| | |
|--|-------------------------|
| Number of Tools | 10 |
| Turret Type | Servo |
| Shank Height for Square Tool | 1" |
| Boring Bar Holder Diameter | Ø 1.5" |
| Turret Maximum Swing Diameter | 22.8" |
| Turret Holding Force | |
| Tool Indexing Time (adj. Tool Tooling) | |
| | 5ea. ID Tool Holders |
| | 1 ea. U-Drill Holder |
| | 1 ea. Face / ID Holders |

TAILSTOCK

| | |
|------------------|--------|
| Quill Diameter | 2.95" |
| Quill Taper | MT # 4 |
| Quill Stroke | 3.94" |
| Tailstock Stroke | 10.24" |

CAPACITY

Hydraulics Tank Capacity
Lubrication Capacity
Coolant tank capacity

DIMENSIONS

Floor Space w/ Chip Conveyor (W x D x H)
Shipping Dimensions (W x D x H)

WEIGHT

| | |
|------------------------|------------|
| Net (w/ chip conveyor) | 8,820 lbs. |
| Shipping | 9,000 lbs. |

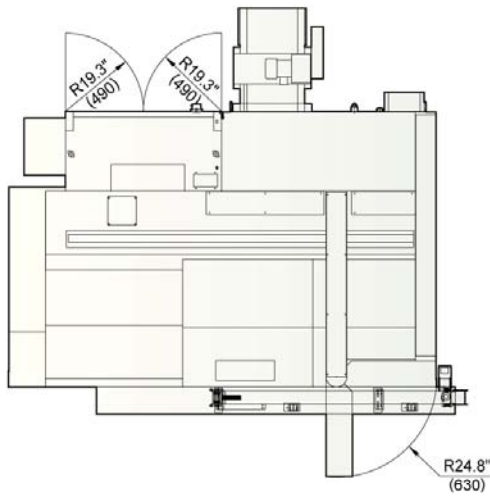
POWER REQUIREMENTS

220 Volt AC 3 Phase / 66 AMPS / 25 KVA

GT-200B Turning Center

With 8" Chuck & Fanuc TXP-100i Control

MACHINE DIMENSIONS



UNIT: Inch (mm)

