



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

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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.

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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.

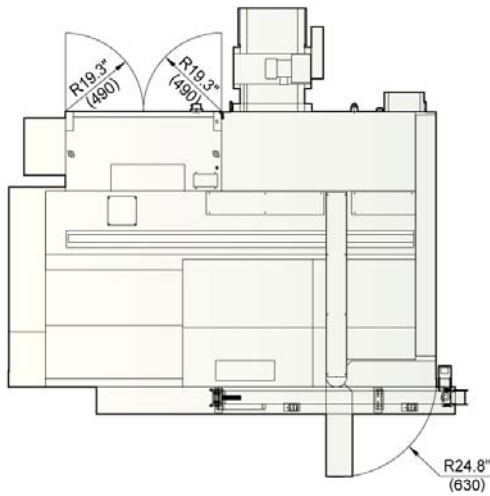
POWER REQUIREMENTS

220 Volt AC 3 Phase / 66 AMPS / 25 KVA

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MACHINE DIMENSIONS



UNIT: Inch (mm)

