

# LT620

**YMT**

**GEARED SPINDLE HIGH PERFORMANCE TURNING CENTER**

**FANUC 0iTD**



- ◆ Powerful 50hp Spindle Motor
- ◆ A2-11 Spindle Nose
- ◆ 4 Speed Geared Head Spindle Transmission
- ◆ 15" Hydraulic Chucking System w/ Max. 2,000rpm
- ◆ 2,242ft.-lbs. of Torque @ 204rpm (30min) Rating
- ◆ Rigid One Piece 45° Slant Torque Tube Bed Casting
- ◆ Precision Hardened & Ground Ballscrews
- ◆ Cross Roller Guide Way Construction
- ◆ Heat Exchanger for Electrical Cabinet
- ◆ Automatic Lubrication System
- ◆ Oil Cooling System for Spindle
- ◆ 147 gal Capacity Coolant Tank
- ◆ Set of Hard & Soft Jaws
- ◆ High Quality Meehanite® Casting
- ◆ Fast 12 Position Servo Turret
- ◆ Non-stop Bi-directional Tool Indexing
- ◆ Lift Up Style Chip Conveyor
- ◆ Programmable Tailstock Quill
- ◆ Mt # 5 Tailstock Center
- ◆ Absolute Positioning Encoders
- ◆ AC Digital Servo & Spindle Drives
- ◆ 8.4" LCD Monitor w/ Dynamic Graphic Display
- ◆ Manual Guide 0i Software
- ◆ Macro B & Skip Function
- ◆ 1,024 Meter Memory
- ◆ PCMCIA Expansion Slot
- ◆ RS232c Interface
- ◆ Swivel Designed Control Panel

## Specifications

LT620

### ▼ MACHINE CAPACITY

Swing Over Bed	ø720mm (28.3")
Swing Over Carriage	ø550mm (21.7")
Max. Turning Length	ø1,100mm (43.3")
Max. Turning Diameter	ø620mm (24.4")

### ▼ TRAVEL

Z / X Travel	1,100mm (43.3") / 385mm (15.2")
Rapid Feed Rate	Z: 20m/min (787ipm), X: 12m/min (472ipm)
Servo Motor Power	Z, X: 4kW (5.4hp)

### ▼ SPINDLE

Front Bearing Bore	ø180mm (7.1") / (ø304.8mm (12") optional)
Spindle Bore	ø131mm (5.2")
Bar Capacity	ø116mm (4.6")
Spindle Nose Type	ASA A2-11 / (A2-15 optional)
Spindle Power / Speed	37kW (50hp) / 2,000rpm 4-speed geared
Chuck Diameter	ø15" / ø18" optional

### ▼ TURRET

Number of Tool	12T
Turret Type	Hydraulic
Tool Size	□32 x 32mm (□1.25" x "1.25")

### ▼ ACCURACY

Positioning	±0.005mm (±0.00019")
Repeatability	±0.004mm (±0.00015")

### ▼ GENERAL

Power Requirement	220V, 3 Phase, 60Hz
Power Consumption	30kVA
Min. Pneumatic Pressure	85psi
Machine Net Weight (Approx.)	11,080kg. (24,376lb.)

## Accessories

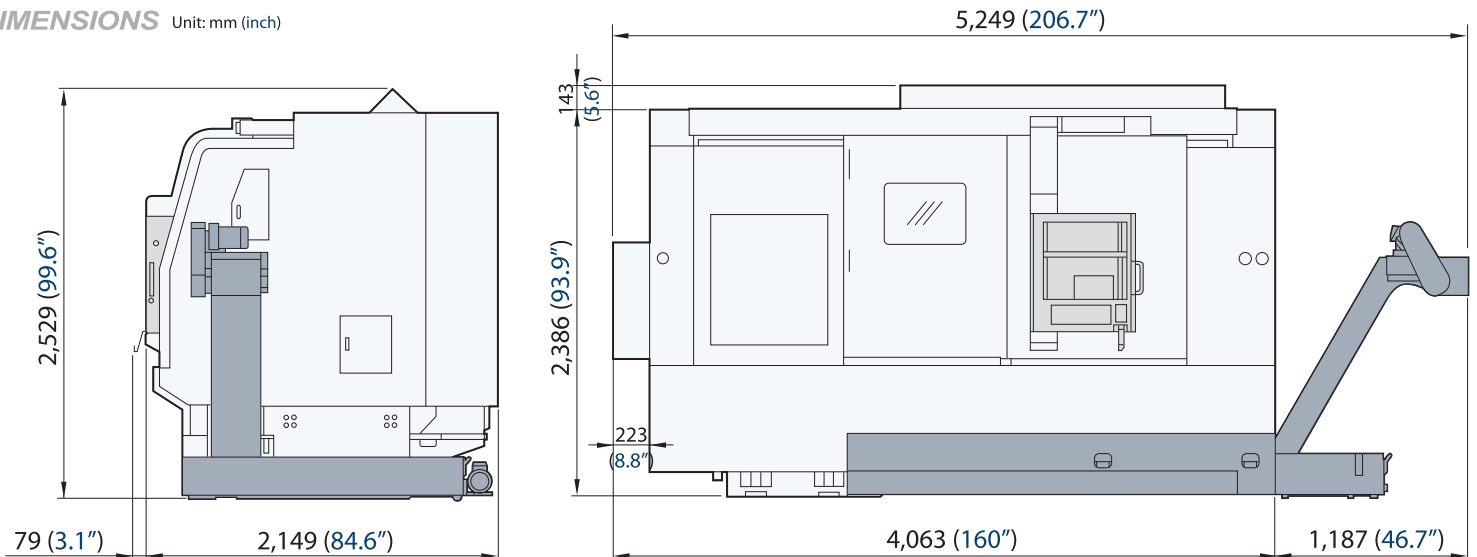
LT620

●=Standard ○=Option ×=N/A

	15"	18"
FANUC 0iTD	●	●
FANUC 18iTD	○	○
Spindle 26kw (35hp)	○	○
Spindle 37kw (50hp)	●	●
Hydraulic Chuck	●	●
Collet Chuck and Hydraulic Cylinder	○	○
Foot Pedal for Chuck	●	●
Steady Rest	○	○
O.D. / I.D. Turning Tools	●	●
Taper Sleeves	●	●
Boring Bar Bushings & Holders	●	●
Manual Body Hydraulic Tailstock	●	●
Programmable Tailstock Body	○	○
Tailstock Quill	●	●
Foot Pedal for Tailstock	○	○
Hydraulic Turret	●	●
V.D.I. Turret	○	○
Power Tooling (C-axis)	○	○
Coolant System	●	●
Coolant Tank	●	●
Oil Skimmer	○	○
Oil Mist Collector	○	○
Grease Lubrication System	●	●
Grease Gun	●	●
Automatic or Manual Tool Setter	○	○
Bar Feeder & Interface	○	○
Safety Door	●	●
Automatic Door	○	○
Chip Conveyor	●	●
Work Lamp	●	●
Tool Kit	●	●
Leveling Bolts and Pads	●	●
Operator, Maintenance, Programming Manual	●	●

Note: The manufacturer reserves the right to modify the design, specifications, mechanisms, etc. to improve the performance of the machine without notice. All the specifications shown above are just for reference.

## DIMENSIONS Unit: mm (inch)



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DEALER: