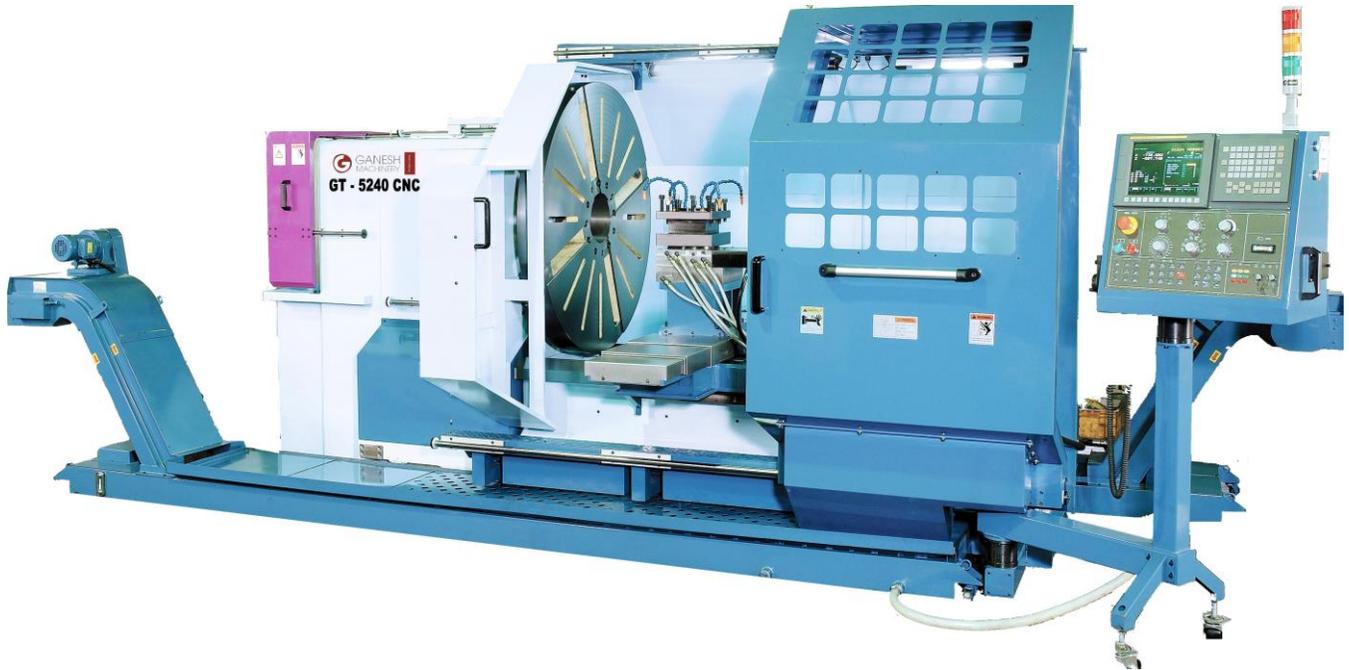




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GANESH GTW - 5240 CNC “Dual-Chuck” T-Lathe **52” Swing Capacity, 43” Z-Axis Travel**

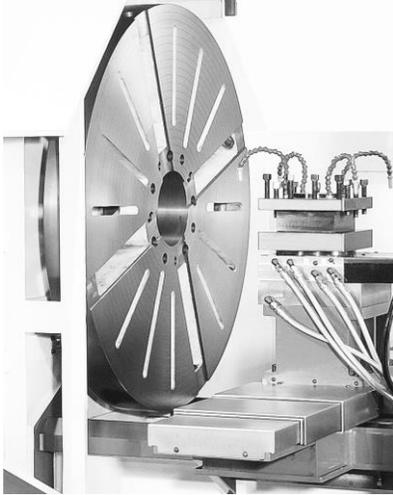


Faceplate and enclosure shown above is not included with the basic machine.

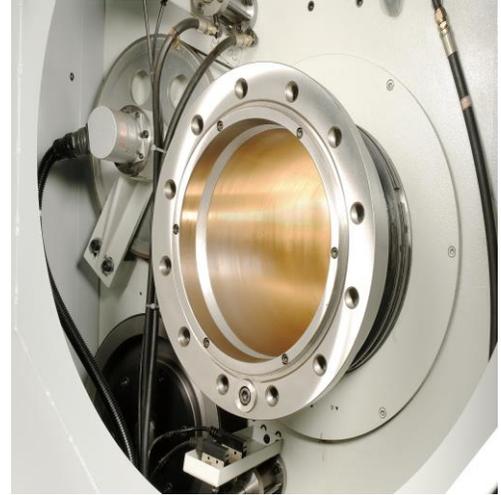
Ideal for Oil-Pipe Threading & Large Rings

- **A2-15 Spindle with 10” Spindle Bore Standard**
- **A2-20 Spindle with 14” Spindle Bore Optional**
- **Front and Rear Chuck Mounts for Pipe Threading**
- **30-Horsepower Spindle Motor**
- **5 – 550 RPM Spindle Speeds**
- **3-Gear Ranges for High-Torque**
- **4-Position Programmable Toolpost**
- **Double Conveyor Standard for Chip Removal**
- **FANUC 0i-TD CNC Control with FANUC Motors & Drives**

GANESH GTW-5240 “Dual-Chuck” CNC “T Style - Lathe”



Standard GS 4-position Programmable Hydraulic Toolpost with 4 Coolant Nozzles & 40mm tool height



**10” SPINDLE BORE
A2-15 Spindle Nose –
Front & Rear
(14” Bore with A2-20
Spindle Optional)**

Compact 7.5’ X 13.2’ Machine Footprint –

The Ganesh T-Lathe provides a space-saving design without minimizing rigidity. For many parts, including oil pipe threading, a tailstock is not needed. This unique design provides for the machining of large diameter parts with short length in a space saving design.

Rear Spindle Standard –

Front and Rear Chucks are standard on the machine making it ideal for “Oil-Pipe” Threading. Oil pipes generally need front and rear chucking to minimize the vibration from long pipes. The rear spindle features a rear chuck guard standard to machine to facilitate the threading of oil pipes in a demanding production environment.

Double Conveyors Standard –

Dual Chip Conveyors are standard for efficient chip removal.

3-Gear Ranges for High Torque –

3-gear ranges provides the low-end torque necessary for demanding applications, providing the machining flexibility to handle tougher materials and demanding applications.

GANESH GTW-5240 STANDARD MACHINE SPECIFICATIONS:

GANESH MACHINE SPECIFICATIONS:

GT-5240 CNC

Capacity & Dimensions-

Swing over Bed	52"	(1,320 mm)
Swing over Cross Slide	36.20"	(920mm)
Center Height	25.60"	(650mm)
Width of bed ways	35.40"	(900mm)

Tool Turret-

4-Way programmable tool turret

Spindle-

Spindle Motor – 30kw	30-HP (30-HP 30-Min. Rated)
Spindle Speed Range	5 - 550 Spindle RPM in 3-gear ranges
Spindle Speed by 3-Gear Ranges	1: 5-110rpm, 2: 12-250rpm, 3: 27-550rpm
Spindle Bore	10.04" (255mm) (14" optional)
Spindle Bore – Big Bore Option	14.37" (365mm) optional w/400rpm max.
Spindle Nose (Front & Rear)	A2-15 (A2-20 w/14" bore)
Spindle Bearing Type	Taper Roller Bearings
Workpiece weight limit when held in chuck	2,200 lbs (1,000 kgs)
Workpiece weight limit when held in chuck & steady rest	6,600 lbs (3,000kgs)
Rear Chuck Swing Capacity	25"

Axis Data-

Rapid Traverse Feedrate, X & Z-Axis	394 IPM	(10m/min)
X-Axis Cross slide travel	27.5"	(700mm)
Z-Axis Longitudinal travel	43.25"	(1100mm)
X-Axis Servo motor	2.5 HP	(1.9kw)
Z-Axis Servo motor	5.0 HP	(3.6kw)
Ball Screw Diameter (X-Axis)	1.5"	(40mm x P5)
Ball Screw Diameter (Z-Axis)	2.5"	(63mm x P10)
Cross Slide Dimensions LxW	39.4" x 11.40"	(1000 x 290mm)
Minimum input unit	0.0001"	(0.001mm = 40 millionths of a inch)

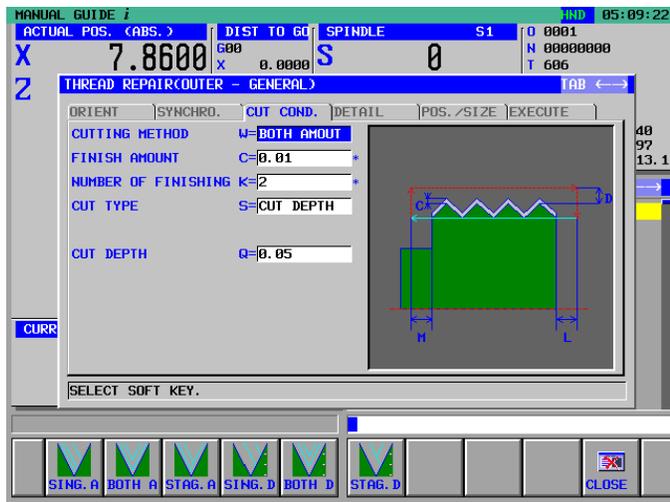
Weight & Dimensions-

Overall machine length	157.50"	(4,000mm)
Overall machine width	86.60"	(2,200mm)
Overall machine height	85.40"	(2,170mm)
Shipping dimensions	165" L, 90" W, 90" H	
Machine weight	16,535 lbs	(7,500 kg)
Shipping weight	17,600 lbs	(8,000 kg)
Coolant System capacity / power	40 gallons	(150 liters) / ¾-HP pump
Electrical Requirements – Fanuc motors and drives	220vac ±5%,	

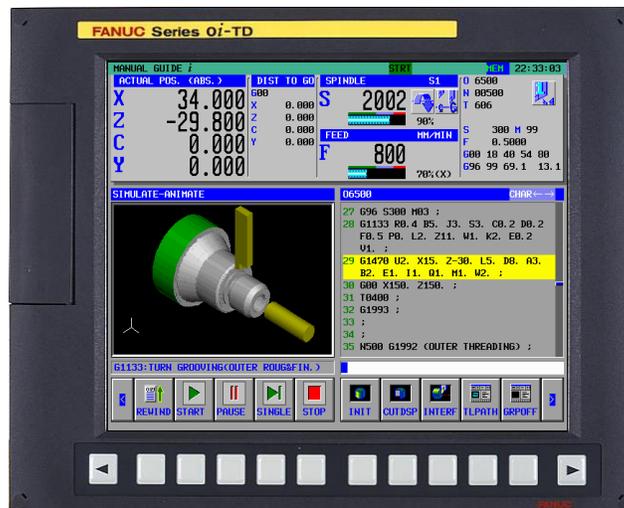
**The Ganesh GTW-5240 is manufactured in our
Certified ISO 9001 Production Facility in Taiwan.**



The **FANUC Oi-TD** all digital control and drive package provides exceptional value and reliability. The control features a clear 10.4" LCD screen that pivots out for easy operator viewing, and can catalog 400 part program numbers and features an internal 2GB solid-state Data Server with 512K RAM memory reserved for part programs and features embedded high-speed Ethernet capability and AICC II and includes DB-25 RS-232 serial interface, RJ-45 Ethernet interface USB, and PC MCIA CF memory card connections for program transfer. Manual Guide-i conversational programming provides fast & efficient intuitive menu driven shop floor programming and includes a Thread Repair Cycle. A MPG handwheel is also provided. There is a heat exchanger on the electrical cabinet to control the ambient temperature of the electronic hardware.



Thread Repair Cycle

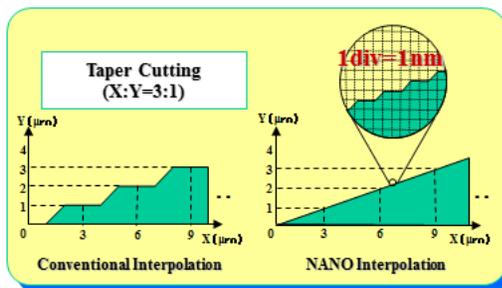


Manual Guide-i

Smooth machined surface achieved in combination with high-speed, high-precise Servo control

Feature

- Position command to servo control is calculated in much finer resolution than input unit (1nm for input unit of 1 μ m).
- Machine movement becomes very smooth resulting in high accuracy of finished surface.
- More smooth machined surface is obtained for combined use with *ai*servo.



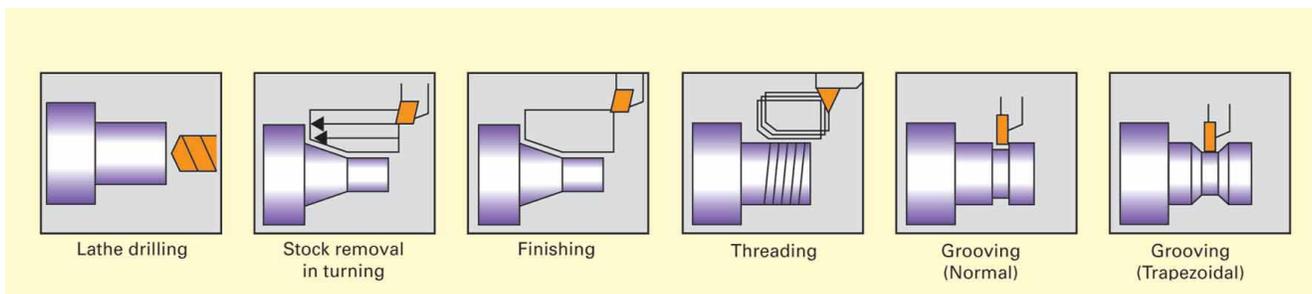
The Series 0i-MODEL TD achieves the highest precision possible with nanometer resolution standard throughout the CNC system - from internal calculations and stored values, through to the interpolator, on to the drive system, and the position feedback devices.

Nano interpolation and fast, high resolution 16-million count-per-revolution feedback devices combine to provide a superior surface finish quality when contouring. This minimizes the need for secondary operations, reducing delivery times and part cost.

The 0i-TD CNC includes many high performance features and functions to make you more productive and help you achieve the highest accuracy possible. The graphics below show some of the capability of the FANUC 0i-TD CNC Control.

Advanced Graphical Canned Cycles:

For easy lathe programming, MANUAL GUIDE-i features numerous canned cycles. The operator simply fills the required fields on the screen and the program is created automatically for the ultimate shop floor efficiency.



Productivity Advantages:

- Compatibility with previous versions Series 0 and 0i-Models A, B and C
- Make use of existing part programs
- Thread Repair Cycle
- Stored Pitch error compensation for each axis
- 400 Program storage with 512K of user memory
- Background editing
- Simple programming and operation
- Minimal training required
- Operator friendly graphic display for part program verification
- Multi-Language Support
- Extended help functions and alarm/operation history
- 64-Tool Offset Pairs
- Tool Life Management to maximize machine utilization
- Cutter Compensation for direct input from drawings
- Ethernet RJ-45, RS-232, USB interfaces
- Standard Nano-Interpolation and advanced functions like and AI Contour Control (AICC-1) provide enhanced surface finish results and exacting feature definition

The suite of Canned Cycles and Custom Macro-B further simplify part programming.

Prices and specifications subject to change without prior notice.