

Ref. No.: 1452-12181835





## **Description:**

# **Used TOYODA FH550SX Horizontal Spindle Machining Center**

High-Performance Horizontal Spindle Machining Center - FH550S/FH550SX | Best Cutting Efficiency for Diverse Manufacturing Needs

CNC Controls Fanuc 32i MB Operating Hours about

Technical Data for FH550SX:

- Travel:
  - X-Axis Travel: 750 mm (29.52")
  - Y-Axis Travel: 800 mm (31.50")
  - Z-Axis Travel: 850 mm (33.46")
  - o Positioning accuracy: ±0.003 mm
- Axis Specifications:
  - $\circ$  Stroke (X × Y × Z): 750 × 800 × 850 mm
  - Rapid Feed Rate: 60m/min (X, Y, Z axes)
  - Rapid Acceleration: 1.0G
- Spindle:
  - Spindle Speed: 6,000 RPM (high-torque)
  - Spindle Taper: BT50
  - Spindle Motor: 30/22kW / Max Torque: 600N·m
- Tool & Pallet Handling:
  - o Tool Change Time (Chip-to-Chip): 2.7s BT No.50, <15kg tools)
  - Tool Storage Capacity: 60 (Standard)
  - Tool changing time, chip to chip: 3.6–3.9 s
  - o Max. tool dimensions (Ø x length): Ø120 x 545 mm
  - Pallet Size: 550mm x 550mm
  - Pallet Load Capacity: 800 kg (1,760 lb)
  - Workpiece Size: Max swing: ?850mm | Max height: 1,000mm#
  - Pallet Change Time: 9.5s
- Build & Features:
  - Bed Structure: High-grade cast iron, 3-point support for stability and rigidity

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- Drive Technology: Dual ball screw drive (Y/Z-axis for FH550SX, Z-axis for FH550S)
- Slide Technology: Cylindrical roller slides for improved rigidity and vibration damping
- Advanced Features:
  - Indexing Table: 90° indexing in 2.0s (standard), 0.7s (optional DD table)
  - Precision Technology: Spindle and ballscrew thermal stabilizers for accuracy in long operations
  - Workability Enhancements: Wide operation doors, touch sensors for alignment
- Applications:
  - o Material Range: Aluminum, castings, iron, and steel

### Why Choose Toyoda FH550S/FH550SX?

- Best-in-class rigidity and cutting performance
- High-speed cutting, heavy-duty cutting, and precision machining
- Advanced spindle options tailored for diverse materials and processes
- Reliable, precision-focused technology with eco-friendly coolant systems

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# **Technical Data:**

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Control: Series 32i

Spindle Hours: 98.800 hrs. Spindle Speed: 6.000 rpm

Tool Holder: BT50 Tool Capacity: 60 x

#### **Travels:**

X-Axis: 750 mm Y-Axis: 800mm Z-Axis: 850 mm

# **Buyer Information:**

Condition: Very good condition

Availability: Immediately

Sold as:

EXW (Ex Works - Incoterm)

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VAT: 19 %

Buyers Premium: 18 % Location: Germany

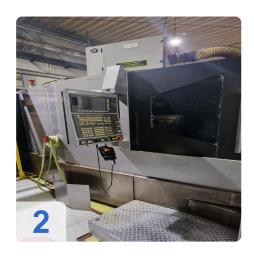


# **Images:**









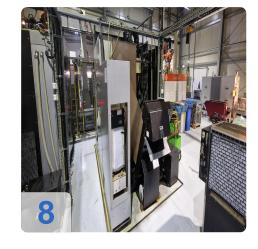


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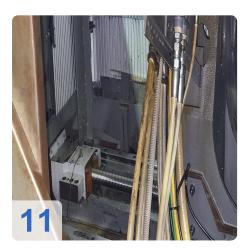










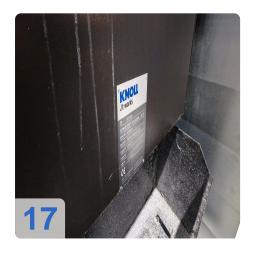


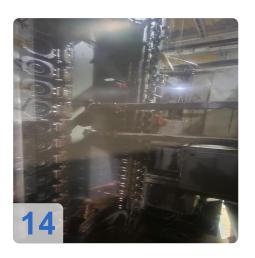










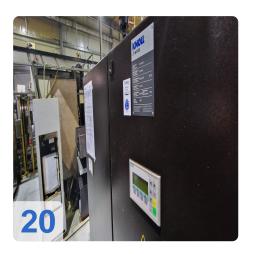
















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