



# Turning Technologies & Solutions

1. **UNIVERSAL TURNING**
2. **UNIVERSAL Turning-Milling**
3. **VERTICAL TURNING**
4. **MULTI-TASKING TURNING**

Hundai WIA's machine tools series

HYUNDAI  
**wia**



# UNIVERSAL TURNING

## SE2000 SERIES

Universal Turning



- 30° slanted one-piece bed structure with high rigidity
- Roller guideways on all axis ensure high-rigidity (X/Z-axis: 30/36m/min)
- Improved user convenience with the latest FANUC controller
- User-oriented lineup including long-bed, mill turret and sub-spindle
- Compact structure with internal-motor design (for standard-type bed)

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WIA

## HD 2200/ HD 2600 /HD3100

Universal Turning



- Box guideways for heavy-duty cutting
- Stabilized unit structure to minimize thermal displacement
- User convenient structure for high productivity
- Excellent rapid traverse rate: 30m/min [1,181ipm] (Z-axis)
- High-rigidity and high-speed servo turret (Expanded disk width)

## L-SERIES

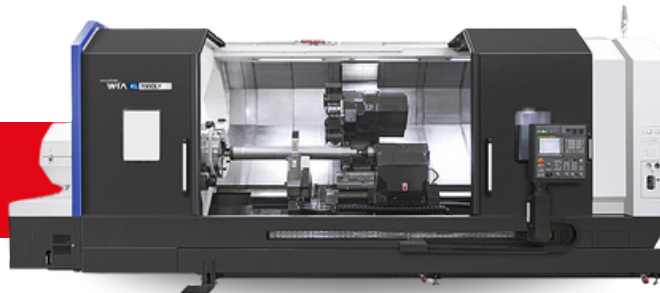
Universal Turning



- Box guideways on all axis ensuring high rigidity in heavy cutting conditions
- One-piece bed structure for high accuracy and sturdiness
- Pretensioned double-anchored ballscrew for superior positioning and repeatability accuracy
- Minimized spindle thermal distortion
- Gear box used for the main spindle (L600/700 Series : 3 step/ L800 Series : 2 step)
- Optional Long Bed design capable of processing a maximum length of 3,250mm (127.9")

## KL SERIES

Universal Turning



- Multi-tasking operation with wedge type Y-axis BMT85P turret
- Flat bed with rigidity increased by 25% compared to slant type bed
- 3 Step gear box type main spindle (KL8000LY : 2 step)
- Main spindle thermal displacement minimized
- Rigidity secured through box guideways on all axis
- Structure designed for machining long shafts and pipes with maximum turning length of 3,250mm (128")

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## LV SERIES

Universal Turning



- Stable spindle structure with excellent heavy duty cutting ability
- 2 step chuck pressure mechanism adopted to minimize workpiece d
- Various peripheral equipment can be used for optimized machining
- Designed for optimal chip disposal
- "Right" and "Left" structure for practical automation construction



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**SMARTECH**  
CNC Machinery & Tooling System

# UNIVERSAL TURN-MILLING

## SE-SY SERIES

UNIVERSAL turn-milling

- 30° slanted one-piece bed structure with high rigidity
- Stabilized unit structure to minimize thermal displacement
- Integrated processing through synchronized control of Main/Sub spindle
- Multi-tasking operation with wedge type Y-axis BMT45P turret
- Ergonomic design for convenient access to chuck and tool
- Latest FANUC 0i PLUS Controller (15" touch screen)



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## HD-SY SERIES

UNIVERSAL turn-milling



## L-Y SERIES

UNIVERSAL turn-milling



- Cycle time reducing structure for maximum productivity
- Multi-tasking operation with wedge type Y-axis BMT65P turret
- Integrated processing through synchronized control of Main/Sub spindle ("S" Type)
- High performance heavy duty cutting enabled with box guideways
- Main/Sub Built-in Spindle application for high precision processing

- Box guideways for enhancement of cutting capability
- Minimized thermal displacement through stabilized machine component
- Complex machining is possible with BMT55P turret transferred by wedge type Y-axis

## LM-TT SERIES

UNIVERSAL turn-milling



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- High power built-in spindle motor
- Use of twin turrets guarantees high productivity
- High rigidity BMT turret
- Multiple processing is possible with the addition of Y-axis on the upper turret (TTSY Series)
- Integrated processing through synchronized control of twin spindles
- Box guideways on all axes provide high rigidity (LM2500TT Series)
- Hybrid travel system achieved by combination of box and roller guideways.

## KM-SERIES

UNIVERSAL turn-milling



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- The adoption of a milling head with a built-in B axis (0.0001control) enables the operator to perform turning and milling works in perfect harmony.
- The highly rigid Y-axis structure makes it possible to process diverse shapes.
- Application of CAPTO C6 tool for high speed complex machining
- The model features built-in main & sub-spindles with high output and high torque.

**SMARTECH**  
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# Compny Profile

## short view



SMART TECH INDUSTRY is a leading provider specializing in industrial solutions, offering a wide range of cutting-edge offerings in machine tools, metal processing, sheet metal fabrication, CAD/CAM software, and other advanced industrial equipment.

Our mission is to deliver high-quality turnkey technological solutions, with a focus on precise process selection, technological innovation, equipment reliability, and top-notch pre- and post-sales customer service.



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CNC Machinery & Tooling System



## SMARTTECH INDUSTRY

Explore our showroom to discover our latest innovations and cutting-edge metal transformation technologies at SMART TECH INDUSTRY. Designed to offer an immersive experience, our showroom allows you to witness our advanced machines in action and engage in insightful discussions with our team of experts. Pay us a visit and immerse yourself in the world of Smart Tech Industry, where quality solutions and technological excellence converge to meet your industrial needs.

