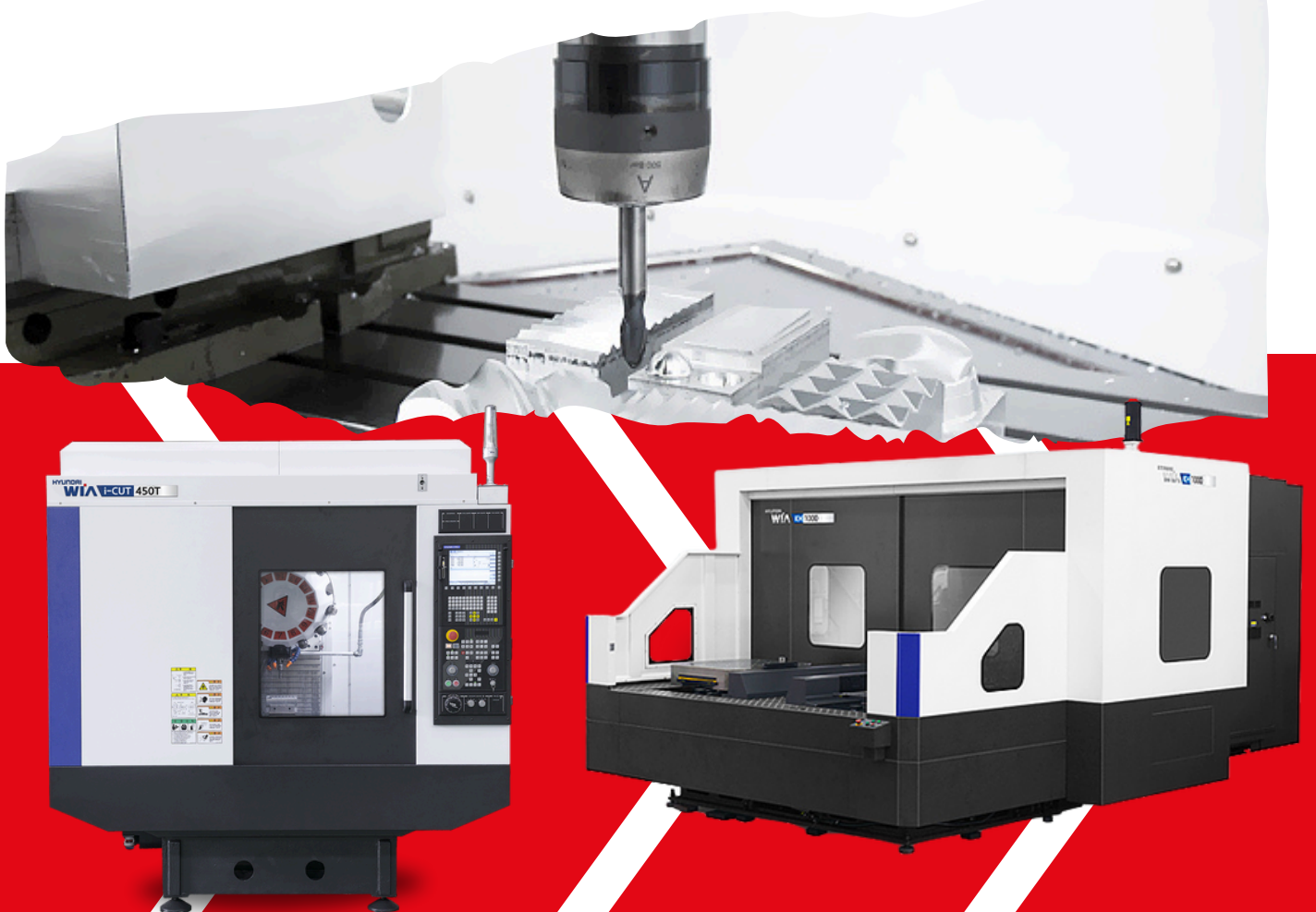


Vertical - Horizontal Machining Center

Hyundai WIA's machine tools series

HYUNDAI
WIA



VERTICAL MACHINING CENTER

I-CUT SERIES

Vertical Machining Center

- Max. 24,000rpm direct connection high-speed main spindle application (i-CUT400M)
- Rigid tapping of 6,000rpm ensures optimum tapping capability
- Servo motor is applied on the ATC to reduce tool change time
- Z-axis Roller LM Guide applies travel safety improvement
- Best-in-class all axis 56m/min (2,205 ipm) rapid traverse rate
- Machining area expanded to best-in-class 450mm (17.7") Y-axis travel (i-CUT450T)
- Latest HYUNDAI-ITROL & FANUC controls with user convenience improvement



HYUNDAI
WIA

KF-B SERIES

Vertical machining center



KF II SERIES

Vertical machining center

- High-precision machining by improved spindle quality
- High-speed roller type LM guide in all axes
- Enhanced chip processing capabilities by applying the upper-type conveyor
- Various motors and columns provided for customized machining
- Improved user convenience by applying the latest controller of FANUC



- Box guideways for exceptional feeding during heavy duty cutting
- High-powered, high-torque main spindle for superb heavy duty cutting
- Main spindle with gear drive for high-power and high torque (BT50 Option)
- Latest Servo ATC for highly efficient tool exchanging

KF-BM SERIES

Vertical machining center

- Built-in spindle for a high-quality mold processing
- Excellent vibration absorption through box guideways in all axes
- Decrease of travel load with semi-air-floating slide way
- Prevent vibration fundamentally by separated column and magazine



HYUNDAI
WIA


HI-MOLD SERIES

Vertical machining center



- High-speed LM guide in all axes
- Highly accurate main spindles with ultra precision angular contact bearings
- Built-in main spindle for processing high quality mold products
- Built-in 5-axis table to satisfy various processing needs ("5A" Type)
- Hyundai WIA mold package delivers optimal processing of mold parts

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SMARTECH
CNC Machinery & Tooling System

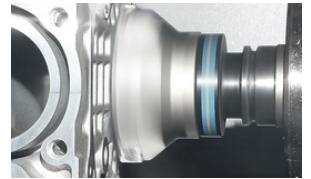
HORIZONTAL MACHINING CENTER

KH-SERIES

horizontal machining center



- Largest work area in its class with maximum processing size of 1,900 (74.8") and 1,500mm (59") height
- High-torque 8,000 and 4,500rpm spindles available
- Big Plus #50 2 Step Geared Spindle
- Spindle Oil Cooling System for high accuracy
- Shuttle Type Automatic Pallet Changer
- Box Guides on All Axis for Superior Rigidity
- Y axis box guideways with 8 face contact



HYUNDAI
WIA

HS4000 II

horizontal machining center

- High-performance 10,000rpm built-in spindle
- All-axis shaft cooling type ball screw
- Application of the largest tool in its class
- Rotary turn APC for high speed pallet change
- Best-in-class rapid traverse rate of 50 m/min (1.969 ipm)
- Adopted the latest controller of FANUC 31i B PLUS



HS II SERIES

horizontal machining center

- 15,000rpm high-performance built-in spindle
- X/Y/Z axis rapid traverse rate : 60m/min
- Ball screw shaft cooling system applied
- High rigidity 3-point support bed structure
- Large dia. Ø50 mm (2") ball screw applied
- Ring type magazine standard application



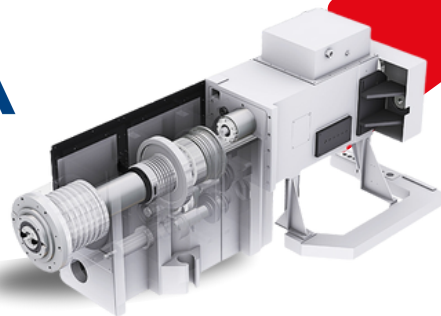
HYUNDAI
WIA

KBN135

horizontal machining center



- Single unit bed for X and Z axis for ultra-precision (KB135)
- Movable column structure for high-load, heavy duty cutting needs (KB135C)
- Selectable X and Y axis of up to 1,000mm (39.3") and 500mm (19.6") respectively
- 3-step gear drive main spindle for heavy duty cutting
- Optimal boring capability with W-axis maximum travel of 700mm(27.5")
- Equipped with standard linear and rotary scales for ultra-precision



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SMARTTECH
CNC Machinery & Tooling System

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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SMARTTECH INDUSTRY

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