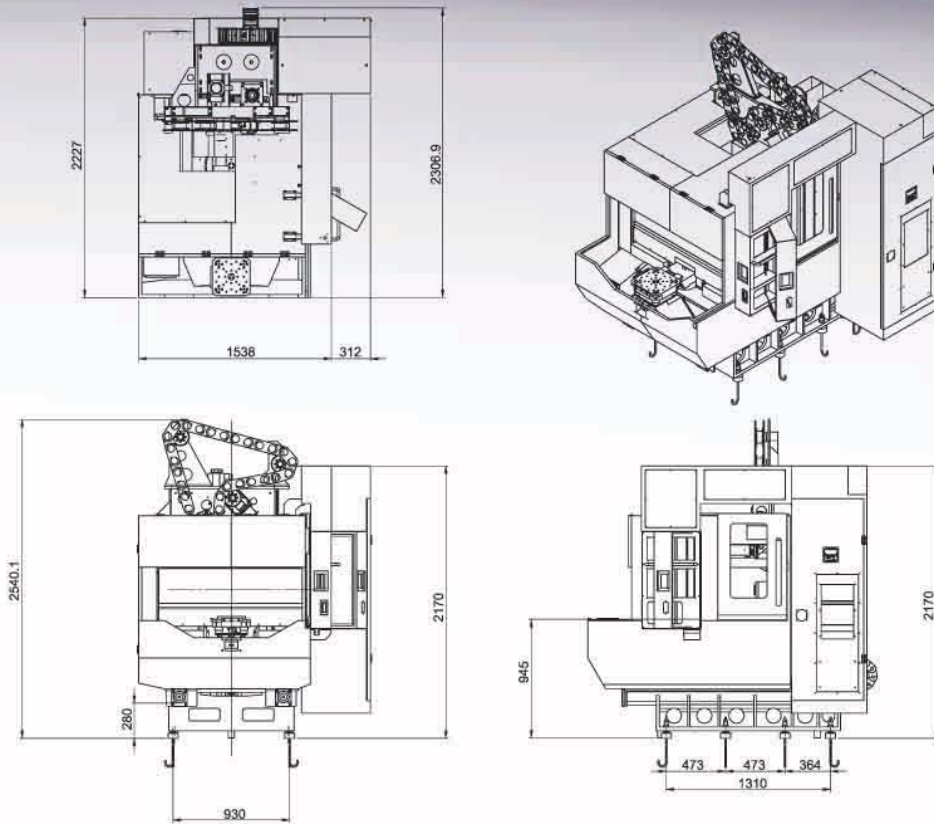


SPECIFICATIONS

| TRAVEL | UNIT | | 3-AXES | UNIT | |
|--|------|--------------------|-------------------------------------|--|--|
| X-axis Travel | mm | 460 | Rapid Feedrate X/Y/Z | m/min | 48/48/48 |
| Y-axis Travel | mm | 350 | Cutting Feedrate X/Y/Z | m/min | 12/12/12 |
| Z-axis Travel | mm | 350 | The X axis ballscrew (dia. x pitch) | | 32×16 |
| Distance Between Spindle Nose and Table Center | mm | 100 | The Y axis ballscrew (dia. x pitch) | | 32×16 |
| Distance Between Spindle Center and Table Top | mm | 060 | The Z axis ballscrew (dia. x pitch) | | 32×16 |
| TABLE | | | Linear Guideways Type X | | 30 Roller Type |
| Table Size | mm | 300×300 | Linear Guideways Type Y | | 30 Roller Type |
| Max. Workpiece Dimensions | mm | ø455×410 | Linear Guideways Type Z | | 30 Roller Type |
| Max. Loading Capacity | kg | 120 | TOOL MAGAZINE | | |
| SPINDLE | | | Magazine Capacity | | 30 / 48 / 60 |
| Spindle Type | | #40Belt / Built-in | Tool Changer Method | Chain -Type Magazine ; Roller Gear Cam Arm | |
| Spindle Speed | rpm | 10000/18000 | | | |
| Tool Shank | | BT CAT DIN | Max. Tool Weight | kg | 5 |
| | | | Max. Tool Dimensions | mm | <ø 75 110 <ø 35 320 Setting for big tools <ø 120 320 |
| | | | | | |
| | | | Tool Selection Method | | Random |
| | | | Controller | | oi MD / M70 |
| | | | Barometric Demand | kg/cm ² | 6 |

TDSK

H3 DIMENSIONS



H3

CNC Horizontal Machining Center

TDSK

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TDSK

H3 Horizontal Machining Center

H3 is especially designed for high-efficiency machining requirement from the mass production industries of automotive, motorbike, bicycle and electronics parts, like transmission box, gear box, valves and pump components.

H3 installation space is only 50% of H400 or H500 models. We can use the space of H400 or H500 model to install two H3 machines. So the same investment substantially can earn over 2 times the productivity.

H3 is equipped with coolant through spindle. It increases the machining efficiency by saving 30%~40% machining time.



The Smart-Excellent M/C

High-speed and high-accuracy spindle

- Standard belt-driven 10000rpm spindle with Japan-made high-accuracy bearings.
- Built-in 18000rpm spindle is optional

High-rigidity design of structure

- Rapid feed rate of 48m/min
- Cutting feed rate of 12m/min
- New fix-column design
- Acceleration of 0.8G

Fast ATC System

- Fast, simple and reliable roller gear cam mechanism
- Fast tool changing time in 1.8 sec.
- Tool magazine is driven by servo motor for better efficiency

High precision and high speed APC system

- Arm type APC system ensures the fast and reliable auto pallet change.
- Pallet changing time around 5 sec.

Chip disposal

- Design of dual chip screws on the machine bed can take off chips from machine easily.

Working Area

