

1060V



Rigid & Efficient

Vertical Machining Center

About 1060V

1060V is Rigid and Efficient Machining Center, with ergonomically designed structure for good rigidity & weight ratio. This machine is ideally suitable for machining Die and Mould components. High precision LM Guideways, ball screws helps in achieving high accuracy & productivity.

- High Cutting Capability
- Increased Feedrates
- Rigid Structure
- Efficient Chip Removal

Standard Features

- Spindle Speed 6000 rpm
- 24 Tools Faster ATC
- Spindle Taper BT-40
- Rapids 32/32/24 m/min
- Spindle Power 11/7.5 kW
- Front Chip Disposal

Optional Features

- Higher Spindle Speed upto 15000 rpm
- 40 Tools ATC
- Spindle Taper BT-50
- Coolant Through Spindle
- Higher Spindle Power
- 4th & 5th Axis Rotary Table

Die & Mould Features



Z-axis Retraction
Function



Program Restart
Function



Power Failure
Detection Feature



Drop
Prevention



Air Nozzle
for Dry Cutting



Laser Calibration



Ball Bar Calibration



Die Mould Test

These calibration tests assures that every machine is perfectly tuned for performance. All Machines are fully inspected before dispatch to match of stringent quality standards.

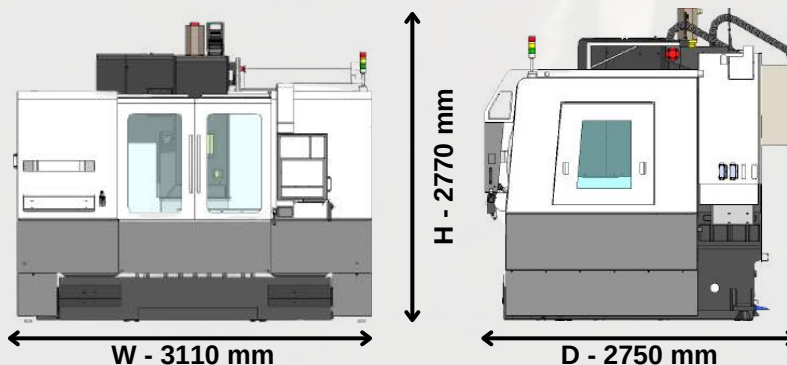
Machine Specifications

*All Specifications are subject to change without prior notice.

| Specifications | Unit | 1060V |
|--|-----------|----------------------------|
| Travels | | |
| X axis | mm | 1000 |
| Y axis | mm | 600 |
| Z axis | mm | 600 |
| Dist. from spindle Face to table top | mm | 100-700 |
| Table | | |
| Table size | mm | 1200 x 600 |
| Max. load on table | kg | 800 |
| Table height from floor | mm | 970 |
| Spindle | | |
| Tool shank type | | BT-40 |
| Spindle speed | Std.(Opt) | rpm 6000 (Upto 15000) |
| Spindle power | Std.(Opt) | kW 11/7.5 (15/11)(18.5/15) |
| Feed | | |
| Cutting feed | mm/min | 1-10000 |
| Rapid traverse | m/min | 32 / 32 / 24 |
| Automatic Tool Changer | | |
| No. of tools | | 24 |
| Tool diameter Max. / Adjacent Tool empty | mm | 80 / 155 |
| Tool weight Max. | Kg | 8 |
| Tool length Max. | mm | 250 |
| Tool change system | | Twin Arm |
| Accuracy(As per ISO 230-2) | | |
| Positioning accuracy | mm | 0.010 |
| Repeatability | mm | ±0.003 |
| Installation data | | |
| Machine weight – Net | Kg | 7250 |

Control System

Fanuc/ Siemens/ Mitsubishi





End to End Solutions

From the planning stage to Production

- Process Identification
- Automation Solutions
- Fixture Development & Interface
- Complete Prove-out

Applications

- Die Mould
- Pattern Machining
- Aerospace
- Engineering Components



Forging Mould



Engine Cover Die



Pump



Tyre Mould



Structural Component

Contact Us



In Pursuit of Excellence

Leading Manufacturers of Machining Centers

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