

740V

COMPACT & PRECISE VMC



India's Largest Manufacturer of Machining Centers

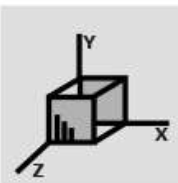
About 740V

740V is Compact Vertical Machining Center ideally suitable for die mould components. High Precision ball type LM Guideways, Ball screws helps in achieving high degree of positional accuracy.

With a rigid structure and high precision parts, one can achieve high accuracy and productivity. 740V comes with 10000 rpm (Direct drive) as a standard option with higher spindle power of 18/9/7.5 kW. The Machine is designed and manufactured to produce precise components for Die Mould, Aerospace, Medical and other industries.



Die Mould Features (Standard Feature)



Z-axis Retraction
Function



Program Restart
Function



Power Failure
Detection Feature



Drop
Prevention



Air Nozzle for
Dry Cutting

Key Highlights

- **Compact Footprint**
- **Smooth Surface Finish**
- **Rigid Structure**
- **High Spindle Speed**

Machine Structure

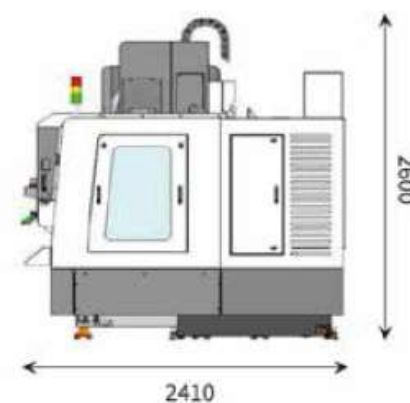
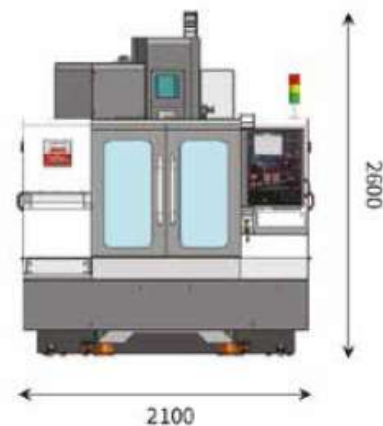
1. The base is made of High grade CI 30 casting with good damping characteristics.
2. Our casting are internally reinforced with heavy ribs to resist flex and damp vibrations.
3. The advanced design of our spindles provides high axial thrust capability, with minimal heat generation.
4. The saddle is designed with wider guideways span, which provides good support and rigidity to the table.

Key Features

- Spindle Speed 10000 rpm / 12000 rpm*
- Spindle Power 18/9/7.5 kW (Fanuc)
- Spindle Taper BT-40/BBT-40*
- 24 Tools Faster ATC
- Rapids 24/24/24 m/min
- Larger Table Size 900x400 mm
- Load on Table upto 800 kgf
- Rear Chip Disposal
- Die Mould Kit
- 4th & 5th Axis Rotary Table*

*Optional

Specifications	Units	740V
Travels		
X axis	mm	760
Y axis	mm	425
Z axis	mm	470
Dist. from Spindle face to Table top	mm	120-590
Table		
Table Size	mm	900x400
Max.load on Table (with UDL)	Kg	800
Table Height from floor	mm	855
T-slot dimension(n x w x p)	mm	3x14x125
Spindle		
Tool shank type Std./Opt.		BT-40/BBT-40
Spindle Speed Std	rpm	10000
Opt.	rpm	12000
Spindle power (Fanuc)	kW	18/9/7.5
Spindle		
Cutting feed	mm/min	1-10000
Rapid Traverse	m/min	24/24/24
Automatic Tool Changer		
No. of tools		24
Tool Diameter	mm	75/125
Tool weight Max.	kg	8
Tool length max.	mm	250
Tool change system		Twin Arm
Chip to Chip time	sec	5.2
Accuracy (As per ISO 230-2)		
Positioning accuracy	mm	0.010
Repeatability	mm	±0.003
Control System		
Fanuc		0iMF+
Siemens Opt.		828D
Mitsubishi Opt.		M80
Installation Data		
Machine weight-Net	Kg	3400
Machine wxdxh	mm	2100x2410x2600



*All Specifications are subject to change without prior notice.

*All the dimensions mentioned are in mm.

Applications



Die Mould



Aerospace



Medical



General Engineering

End to End Solutions

From the Planning stage to Production



Process Identification



Fixture Development



Automation Solutions



Complete Prove-out

A Green Co Gold Company
awarded by CII 

15+
Global
Locations

70+
Sales & Service
Offices in India

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Leading Manufacturers
of Machining Centers

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