

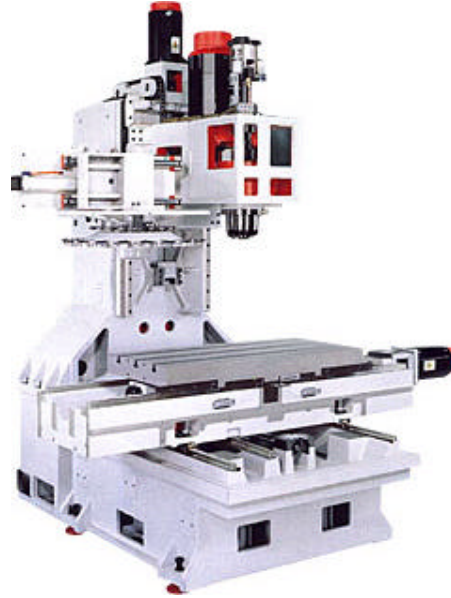


The best choice for superior productivity and reliability.

A new standard of cutting stability and structural rigidity.

The E Series Vertical Machining Center let you enjoy both economy and efficiency of excellent performance with a reasonable price.

For extraordinary precision, speed and economy, look no further than the new E Series Vertical Machining Center.



High Rigid Construction

- Major parts are manufactured by certified Meehanite cast iron, featuring high tensile strength and long term wear resistance.
- Super rigid linear guides on all 3 axis give longer sustaining accuracy and extra long service life.
- Z-axis is counter weight balanced for extremely smooth movement during rapid traverse and cutting feed.
- High precision Ball screws of all 3 axis direct driving by servo motors to eliminate backlash.

[Specification](#)

SPECIFICATION

ITEM	VE-1020L3
HEADSTOCK	
Spindle speed	60-8000R.P.M.
Spindle motor Cont. / 30min	10HP/ 15HP
Spindle diameter	∅65mm

Spindle taper	CAT-40
Coolant pump	1/2 HP
TABLE	
Table area	1070x500mm
Max. load permissible	600kgs
T-solt no./pitch	3/150mm
T-solt width	18mm
TRAVEL	
Table travel of X axis	1020mm
Table travel of Y axis	510mm
Table travel of Z axis	510mm
Spindle nose to table	120-630mm
Throat depth from spindle center to Z rail face	627mm
Distance from Z rail face to table center	353-863mm
AXIS FEED	
Rapind feed rate of X, Y axis	24000mm/min
Rapind feed rate of Z axis	24000mm/min
Cutting feed	1-5000mm/min
Ballscrew (mm)	FDV- \varnothing 32xP12
ATC SYSTEM (GENOVA)	
Max. tool diameter	80mm
Max. tool length	300mm
Max. tool weight	7kgs
GENERAL INFORMATION	
Machine weignt (approx.)	5000kgs
Floor space (LxWxH)	2900x2500x2500mm
Coolant tank (100%)	210 l
Positioning	0.005mm/300mm
Repeatability	\pm 0.003mm

Air pressure required	6kg/cm ²
-----------------------	---------------------

● **Product specifications, accessories, and machine appearance are subject to change without prior notice.**

STANDARD ACCESSORIES

- Coolant system
- Rigid tapping
- Remote MPG
- 4th axis wired ready
- High power Work lamp
- Spindle air blast & external Air & Coolant blaster
- Armless type ATC (20 Tools)
- Fully enclosed splash guard
- Leveling bolts and pads
- Heat exchanger for electrical cabinet
- Automatic power off (M30)
- Tool box with adjustment tools
- RS-232 interface
- User's program memory 320M
- FANUC Oi-MB Package B controller
- Two Years Controller Warranty

OPTIONAL ACCESSORIES

- 10,000/12,000 R.P.M. spindle
- 20HP Spindle Motor
- Floating tool unclamp
- Spindle cooler
- 4th axis rotary table
- Memory upgrades
- Chain type chip conveyor and cart
- Transformer (15KVA)
- CNC controller:
Mitsubishi 64M / 65M
Fanuc 18M / 21i