



# Victor Plus, VMC-545

## Vertical Machining Center

High Precision.... Highly Productive  
& Competitive Pric

### SPECIFICATIONS

#### Capacity

Table working surface	mm	800 x 360
T-slots	Nos	3
	mm	14 x 125 Centre Distance
Traverses X Axis	mm	510
Y Axis	mm	410
Z Axis	mm	510
Spindle nose to table top	mm	100 minimum
	mm	610 maximum
Spindle centre line to column front	mm	530
Maximum component and Fixture wight on the table	Kg	300

#### Spindle

Spindle taper		BT-40
Spindle motor		AC
Spindle motor power (cont./30 min)	KW	5.5/7.5
Spindle speed	rpm	60/7000
Full power range	rpm	1500/7000
Front bearing bore	mm	70

#### Axes drives

Servo motor		AC
Torque X & Z axes	Nm	8
Y axis	Nm	12
Rapid traverses X, Y & Z axes	m/min	20
Feed rate X, Y & Z axes	mm/min	1-5000

#### Automatic Tool Changer

Type		Twin Arm
Tool selection		Random, Bi-directional
Storage capacity		20 tools
Tool format		"V" Flange BT-40
Maximum tool dia	mm	80 all pockets full
	mm	125 Adjacent pockets empty
Maximum tool length	mm	200
Maximim tool weight	Kg.	8
Tool to tool change time	Sec.	2.5

#### Accuracy

Positioning	mm	0.010
Repeatability	mm	± 0.003

#### Installation Data

Basic machine weight (Approx.)	kg.	3600
Basic Machine Dimensions (Approx)	mm	L 2200 x W 2300
Power requirement	KVA	20

Due to continuous improvement of the product, SPM reserves all rights to change the above specifications without any prior notice.

#### CNC SYSTEM : FANUC Oi-MC

##### Standard control features

- Simultaneously controlled 3 axes
- Servo HRV2 control
- Repeataive canned cycles.
- Part program memory of 256 KB (640 meters)
- Linear, Circular & helical interpolation of all 3 axes
- Rigid tapping, drilling, boring canned cycles
- Background editing
- Chamfering / Corner R
- Custom macro B
- Alarm history & operation history
- RS 232 interface & PCMCIA card interface
- Multiple blocks lookahead control

##### Options

- Macro executor 512 KB/2MB/4MB
- Manual guide Oi
- Dynamic graphic display
- DNC2 control
- Ethernet
- Servo guide
- Data server
- AI Contour control
- Program simulation and Graphics

#### SPINDLE POWER-SPEED DIAGRAM

