



TW-2065

Vertical Machining Centers

Design for large size parts machining job, Die/Mold job, Mold up job.....

- Hi-rigidity/Hi-speed construction design.

Casting iron is GA-350 Meehanite casting iron which can maintain the accuracy for a long time.

- Hi-speed / Hi-accurate controller can do complex program, and smooth the finish surface.
- Each axis uses C3 grade ball screw, and P4 bearing on both end to ensure the rigidity, and accuracy.
- X, Y axis use precision roller linear guide; 6 slide blocks on X axis, and 4 slide blocks on Y axis.

Z-axis is box way design with harden ground treatment which can enforce the cutting capacity, and shorten the cutting time.

- Full enclosure sheet metal is standard.
- Spindle taper : BT40 / CAT 40 / ISO 40
- Spindle speed : 20HP / 75~8000rpm
- X / Y / Z 行程 : 2000 × 650 × 610 mm
- Rapid speed : 20 M / min
- Cutting speed : 10 M / min

Standard equipment :

- Alarm tower light
- Rigid tapping
- Tool box
- Working light
- Coolant system
- Electrical handwheel
- Heat exchanger
- Full enclosure sheet metals
- Central lubrication system
- M-code Coolant / Air function
- M30Auto power off function
- X,Y,Z, telescopic guards
- Leveling pads, and screws
- Electrical / Machine operation manual



TW-2065 Specifications :

Model	TW – 2065
X Axis travel	2000 mm
Y Axis travel - Vertical	650 mm
Z Axis travel - Vertical	610 mm
Spindle center to column	720 mm
Spindle nose to table surface	125 -735 mm
Table dimension	2100X600 mm
T-slots (width no.x pitch)	18 x 5x 125 mm
Table height from the floor	860 mm
Table load capacity	2000kgs
Spindle taper	BT 40 / CAT 40/ISO 40
Spindle RPM	75~8,000rpm
Spindle motor (cont./ 30min)	11 / 15Kw
A.T.C. Magazine for arm type	32/40(Opt.)
A.T.C. tool diameter	76 / 127 mm
A.T.C. tool length	300 mm
A.T.C. tool weight	7 Kg
Rapid traverse	15,000 mm
Cutting feed	1 ~ 10,000 mm
Positioning	± 0.003 mm
Repeatability	± 0.002 mm
Coolant system	580 W
Lubrication system	25 W
Air pressure	6Kg / cm ² over
Machine weight	12,500kgs
Floor space (L x W x H)	3300x5200x3000 mm
CNC controller	Fanuc 0i / 18i-MC, Mitsubishi 64S / 65S / 70 / 700

Standard equipment :

- Alarm tower lights
- Electronic handwheel
- Work light
- Electrical / Machine Manuals
- Rigid tapping
- M-code Coolant/Air ON
- M30 Auto power off
- Full enclosure sheet metals
- Tool box
- Coolant system
- X, Y, Z telescopic guards
- Leveling pads, and screws
- Auto lube system
- Heat exchanger
- Arm type tool changer with 32 tools

Options:

- Spindle chiller
- Coolant Through Spindle
- Transformer
- Optical scales

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