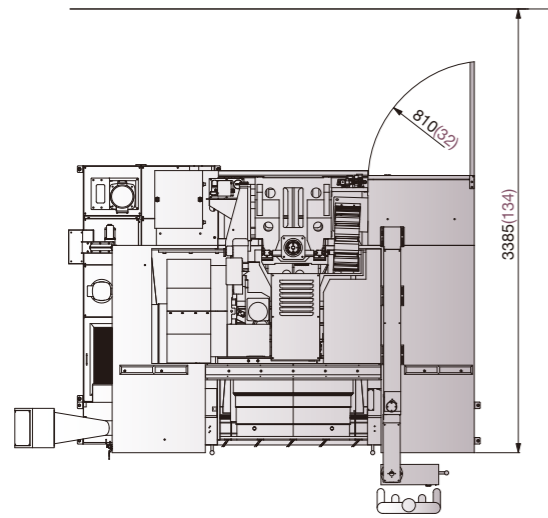
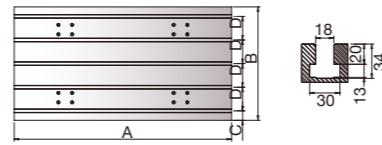


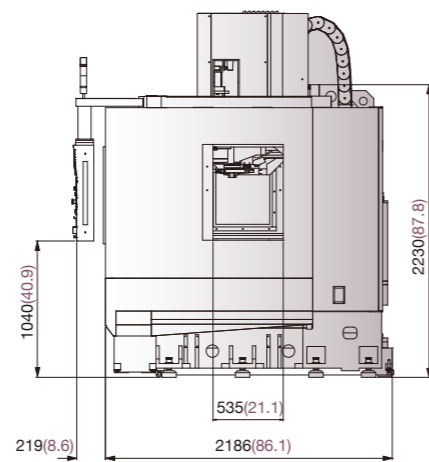
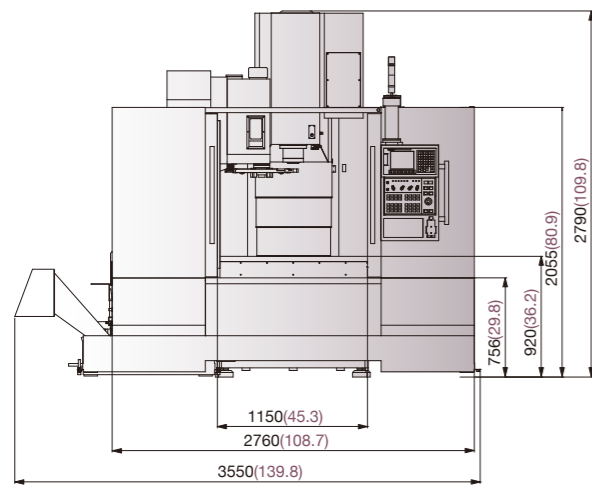
Machine Dimension and Space Requirement



Unit: mm (inch)



Model \ Item	A	B	C	D
CV-1060	1150 (45.3)	600 (23.6)	50 (2)	125 (4.9)



* WELE SUZHOU Factory overview



CV-1060

Vertical Machining Center (Linear guideway)



WELE MECHATRONIC (SUZHOU) CO., LTD.

No. 16, Fuhua Rd., Changshu Economic Development Zone, Changshu City,
Jiangsu Province, China 215513
TEL : +86-512-5229-7868 FAX : +86-512-5229-7866

WELE MECHATRONIC CO., LTD.

(<http://www.welegroup.com>)

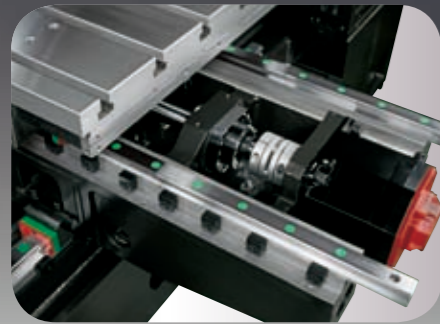
HEADQUARTER:

No.458, Shinsing Rd., Hukou Town, Hsin-Chu County 303, Taiwan
TEL : +886-3-696-0360 (rep.) FAX : +886-3-696-0370



CV-1060 Linear guideway machining center

High speed and general machining purpose. CV machine is suitable for general parts machining.



HIWIN fine and rigid ball guideway with perfect feed system and performance



Friendly and convenient operator panel



Every major contact surfaces are scrapped to ensure the geometric accuracy in top level and satisfy customers' quality demand.

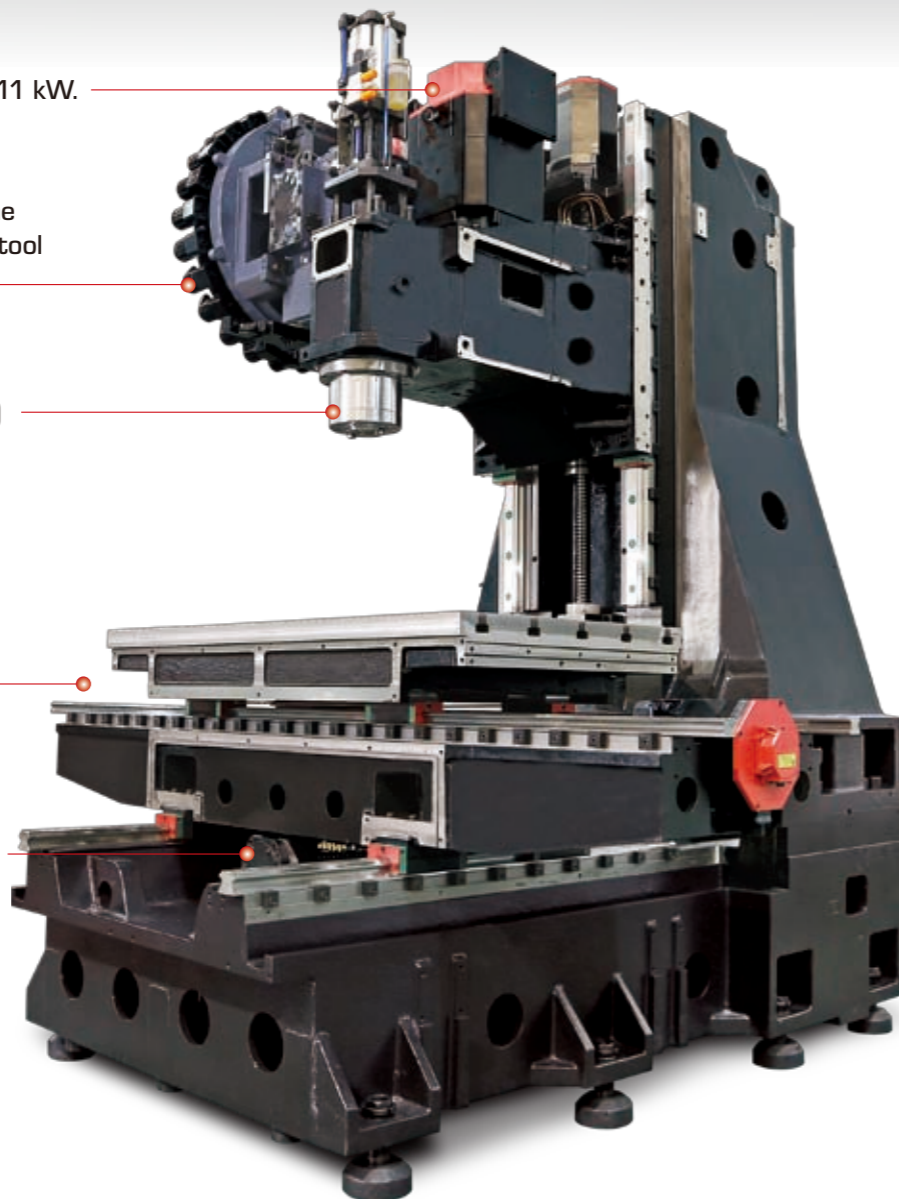
- Spindle motor output torque is 7.5/11 kW.

- 24 tools magazine positive load on the column which has well stability while tool exchange in progress.

- 10,000 rpm belt-driven spindle (STD)

- 3 axes used HIWIN linear ball way.
- X/Y/Z axial linear way size is 35/ 45/ 45mm.

- 3 axes Ball screw diameter : 40mm.



Specification and accessories

Specification \ Model	Unit	CV-1060
Travel		
X travel (left & right)	mm (in)	1020 (40.2)
Y travel (in & out)	mm (in)	600 (23.6)
Z travel (up & down)	mm (in)	600 (23.6)
Distance from spindle nose to table top	mm (in)	105-705 (4.1-27.7)
Table unit		
Table size (X direction)	mm (in)	1150 (45.3)
Table size (Y direction)	mm (in)	600 (23.6)
Table load capacity	kg (lb)	700 (1540)
Table T slot size (W x distance x number)	mm (in)	18 x 125 x 5(0.708 x 4.9 x 5)
Spindle unit		
Spindle motor (cont./30 min. rating)	kW (HP)	7.5 / 11(10 /15)
Spindle driven type		Belt
Spindle speed	rpm	10000
Spindle output torques (cont./ 30 min. rating)	Nm (ft-lb)	48 / 71(35.4 / 52.3)
Spindle taper		BT40
Feed unit		
Rapid traverse rate X, Y axis	mm (in)/min	36000 (1417.3)
Rapid traverse rate Z axis	mm (in)/min	30000 (1181.1)
Cutting feedrate (max)	mm (in)/min	1-10000 (0.04-393.7)
Axial ball screw pitch (X/Y/Z axis)	mm (in)	12/12/10 (0.47/0.47/0.39)
Tool magazine unit		
Tool magazine capacity	pcs	24
Max. tool diameter / adjacent pocket empty	mm (in)	78/150 (3.07/5.91)
Max. tool length (from guage line)	mm (in)	300 (11.8)
Max. tool weight	kg (lb)	7(15.4)
Accuracy		
Positioning accuracy (JIS 6338)	mm (in)	± 0.003 (±0.0001)
Repeatability (JIS 6338)	mm (in)	± 0.002 (±0.00008)
Positioning accuracy (VDI 3441)	mm (in)	P≤0.012 (0.0005)
Repeatability (VDI 3441)	mm (in)	Ps≤0.006 (0.0002)
Power and penumatic requirement		
Total required power (AC380V ± 10%, 3 Phase, 50 Hz)	kVA	30
Pneumatic pressure requirement	kg/cm ²	6
Space requirement		
Machine length (area reuired)	mm (in)	3550 (139.8)
Machine width (area required)	mm (in)	2400 (94.5)
Machine height	mm (in)	2800 (110.2)
Machine weight	kg (lb)	5500 (12100)

**Product specifications and accessories are subject to change without notice.

Specification \ Model	CV-1060
* BT40 spindle taper	●
* DIN40 spindle taper	○
* CAT40 spindle taper	○
* 10,000 rpm belted spindle, BT40	●
* Spindle oil cooler	●
* Centralized auto lubricating system	●
* Roof enclosure guarding system	●
* Recycling lubricating oil collector	●
* Spindle air seal	●
* Air blast in machining	●
* Chip auger in X axis	●
* Caterpillar type conveyor and bucket	○
* 24 capacity of arm type tool magazine	●
* Rigid tapping	●
* Heat exchanger for electrical cabinet	●
* Heat exchanger refit to air conditioner	○
* Remote handwheel control	●
* Work light	●
* Operation cycle finish and alarm lights	●
* RS232 interface	●
* Foundation bolt kit and tool kit	●
* Machine manuals	●
* Flood Coolant system (Pump & tank)	●
* Spray gun for chip wash down	●
* Coolant around spindle	●
* Coolant through the tool adapter	○
* Coolant through the spindle (Form A) , 20 bar, within High tank.	○
* Automatic tool length measurement (Blum/ Renishaw/ Metrol)	○
* Oil skimmer	○
* Auto power off function	●
* Data Server (include 1G CF Card)	○
* Transformer	●
* Mitsubishi M70VA controller	●
* FANUC 0iMD controller + 8.4" LCD	○
* CE	○
* CNC rotary table	○