

VMC1160

Machining center with Siemens 828

No. 23A071305-7



(the photo only to be for reference)

Specifications:

Model	VMC1160
Capacity	
X axis travel	1100mm
Y axis travel	600mm

Z axis travel	600mm
Spindle nose to work table	120–720mm
Spindle center to column	650mm
Ballscrew and guideway size	
Ball screw for X/Y/Z	40/12mm
Linear guide way width X/Y/Z	45/45/45mm
Worktable size	
Worktable length	1300mm
Worktable width	700mm
Max loading capacity	800kg
Spindle	
Spindle taper	BT40
Spindle speed	8000rpm
Spindle motor power	11/15KW
Feeding system	
Fast moving speed X/Y/Z	36/36/36m/min
Cutting speed	1–10000mm/min
Feed motor power	15/15/22NM
Tool Magazine	
Capacity	Disc tool 24pcs
Max tool diameter	120mm
Max tool weight	8kg
Max tool length	300mm

Accuracy	
Positioning accuracy	0.008mm
Repeat accuracy	0.005mm
Other	
Length*Width*Height	3300*2400*2900
Net weight	6900


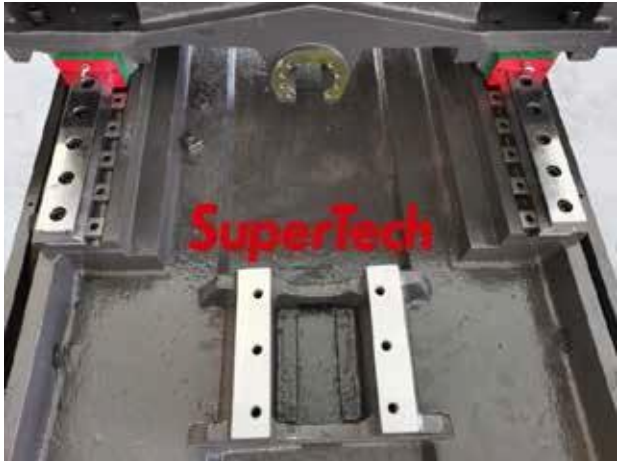


Machine construction:





1. Resin sand casting, Meehanite HT-300;
3. X, Y, Z rails adopt stainless steel telescopic cover;
4. Roller type linear guideway from Taiwan
5. Ball lead screw from Taiwan
6. Standard with belt driven spindle, optional for direct driven spindle;
7. Taiwan pneumatic cylinder;
8. Taiwan ATC, umbrella type and disc type both are available;
9. Import bearings for leadscrews;
10. Import coupling;
11. Headstock Nitrogen balance system as optional;
12. Full enclosed cover;
13. Rigid tapping;
14. Spindle center ring blast;
15. Work lamp;
16. Pilot lamp;




- 17. USB interface;
- 18. Manual pulse generator (MPG);
- 19. Centralized automatic lubrication system.
- 20. Cooling system.
- 21. Heat exchanger for electrical cabinet ;
- 22. Leveling blocks & bolts;
- 23. Air gun+water gun;

Machine configuration:





System	Siemens 828	
Cabinet	Supertech Matched with Siemens	

<p>HT300 casting</p>	<p>KBR BRAND</p>	
<p>Base</p>	<p>Supertech standard</p>	
<p>High speed spindle</p>	<p>8000rpm</p>	
<p>Tool magazine</p>	<p>Disc 24 tools</p>	



<p>Frame</p>	<p>Supertech standard</p>	
<p>Spindle box</p>	<p>Supertech standard</p>	
<p>Liner guide way, ball screw and support</p>	<p>HIWIN Supertech standard</p>	
<p>Sliding block</p>	<p>HIWIN Supertech standard</p>	

<p>Chain chip remover</p>	<p>Supertech standard</p>	 A close-up photograph of a chain chip remover machine. The machine is dark grey with a prominent red "SuperTech" logo on its side. It is mounted on a metal frame.
<p>Electronic hand wheel</p>	<p>Supertech standard</p>	 A close-up photograph of an electronic hand wheel control. The device is black and mounted on a light-colored panel. It features a red emergency stop button at the top and a silver hand wheel below it. A red "SuperTech" logo is overlaid on the image.
<p>Work table</p>	<p>Supertech standard</p>	 A photograph showing the interior of a machine's work area. A large, dark metal work table is visible at the bottom. Above it, a blue machine head with a yellow warning symbol is suspended. A red "SuperTech" logo is overlaid on the image.

Optional configuration:

<p>Fanuc system</p>	<p>Fanuc 0i MF Plus</p>	
<p>Mitsubishi</p>	<p>Mitsubishi M80A/M80B</p>	
<p>THK liner guide way and ball screw</p>	<p>THK brand</p>	
<p>Nitrogen balancing cylinder</p>	<p>HINAKA brand</p>	

<p>Renishaw set the knife</p>	<p>TS27R</p>	 A close-up photograph of a Renishaw TS27R probe mounted on a machine table. The probe is a small, cylindrical tool with a fine tip, used for precision measurement. The word "SuperTech" is overlaid in red on the image.
<p>4th axis table</p>	<p>200/255mm</p>	 A photograph of a 4-axis table machine. The machine has a large, dark metal table with a 200/255mm table. The machine is mounted on a base and has a vertical column. The word "SuperTech" is overlaid in red on the image.
<p>High pressure coolant</p>	<p>Supertech optional</p>	 A photograph of two high pressure coolant pumps. The pumps are cylindrical and have a black top with a yellow label. They are connected to hoses and are mounted on a base. The word "SuperTech" is overlaid in red on the image.
<p>Air condition</p>	<p>Supertech optional</p>	 A photograph of a white air conditioning unit. The unit is rectangular and has a black grille on the front. It is mounted on a wall. The word "SuperTech" is overlaid in red on the image.

<p>High speed spindle</p>	<p>12000rpm with oil coolant</p>	 A close-up photograph of a high-speed spindle. The spindle is a polished, cylindrical metal component with a conical shape. The word "SuperTech" is printed in red on the side of the spindle. The background shows a blurred industrial setting.
<p>Different appearance</p>	<p>More appearance for chose</p>	 A photograph of a SuperTech VMCI150 machine in a factory setting. The machine is a large, industrial-grade machine with a white and grey color scheme. The word "SuperTech" is printed in red on the side of the machine. The background shows a large industrial building with high ceilings and windows.