



Vertical drilling and attack center V6C
Scope of application: Especially suitable for 3C parts, hardware, mold, auto parts, graphite, medical equipment, aviation.

The main features:

1. The main structural members such as the base, saddle, work table, column and headstock are made of high-grade Meehanite cast iron and subjected to secondary annealing to ensure high rigidity and high stability.

Model	Unit	V6C
X/Y/Z axis travel	mm	600/450/450
Spindle nose to work surface distance	mm	140-590
Spindle style		BT40 (straight knot type)
Spindle speed	rpm	12000
Spindle motor	Kw	7,5
X/Y/Z rapid feed rate	m/min	48/48/48
working desk size	mm	700X420
T-slot (width x slot number x spacing)	mm	14x3x125
Maximum load (average distribution)	kg	250
Maximum tool diameter (full knife / no adjacent knife)	mm	75/150
Maximum tool length	mm	250
Maximum tool weight	kg	8
Automatic tool change form		Disc
Number of automatic tool changers	pcs	16
Pull bolt		P40T-1(45°)
Tool change time (knife versus knife)	sec	0,7-
Mechanical size (length x width x height)	mm	1750X1530X2090
Mechanical weight	kg	3500

- 2. Large-span base (national standard A), which effectively disperses gravity and processing tolerance, optimizes the force line and loads the workpiece with heavier load.
- 3. The saddle can be extended (national standard D) to greatly improve the power accuracy.
- 4. The best spindle head clamp column contact ratio design (GB B/C).
- 5. Three-axis high-torque motor with acceleration up to 1G, 0-48m/min.
- 6. The spindle head is designed with no counterweight and is driven by a high-power Z-axis motor for precise and precise feed.
- 7. 200 liter sink, rear chip removal, rear slant base design, the drain angle is large, the chip liquid reflux speed is fast, and the brush can be quickly re-brushed away from the chip to avoid accumulation in the machine room and achieve the function of rapid chip removal.
- 8. The X/Y/Z three-axis rail and ball screw use a centralized oil lubrication system.