



- 1. The main structural parts such as base, saddle, workbench, column and headstock are made of high-grade Meehanite cast iron and subjected to secondary annealing to ensure high rigidity and high stability.
- 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 mining torque motor, providing acceleration up to 1G, 0-60m/min only takes 0.21 seconds
- 6. The spindle head adopts no counterweight design and is driven by high-power Z-axis motor. The feed is sensitive and accurate.
- 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. X/Y/Z three-axis rail and ball screw adopt centralized oil lubrication system.

The main spare parts specifications:

- 1. Screw (Taiwan silver)
- 2. Line rail (Taiwan silver)
- 3. Spindle (made in Taiwan)
- 4. Tool magazine (made in Taiwan)
- 5. Five castings (material: FC30)
- 6. Triaxial shield (made in Taiwan)
- 7. Knife cylinder (made in Taiwan)
- 8. Basic block

V6 option equipment:

- 1. Straight knot spindle 10000/12000/15000rpm
- 2. Spindle center water outlet
- 3. BT40 spindle (belt / straight knot)
- 4. 20T disc type tool magazine

Model	Unit	V6
X/Y/Z axis travel	mm	600/400/300
Spindle nose to work surface distance	mm	170-620
Spindle style		BT40 (straight knot type)
Spindle speed	rpm	10000
Spindle motor	Kw	43592
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	18x3x125
Maximum load (average distribution)	kg	300
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 type (same type)
Number of automatic tool changers	pcs	20
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	2300