



- 1. The main castings of this machine are made of high-grade cast iron, and are annealed to eliminate internal stress, ensuring high precision, high rigidity and long machine life.
- 2. The left and right front and rear double V slides are affixed with wear-resistant resin TURCITE-B, and the precision shovel is not only smooth and wearable, but also suitable for forming and grinding.
- 3. This machine's straight-through spindle adopts P4 grade ultra-precision bevel ball bearing. It has low noise, no vibration and large torque under high-speed rotation, suitable for heavy cutting and forming grinding.
- 4. The circulating automatic lubrication system is adopted. When the spindle is started, the lubricating oil is automatically circulated to provide forced lubrication to each screw and slide, which can greatly reduce the wear of the slide. An oil mirror is mounted on the top of the machine to monitor the lubrication.

Axis 1U digital display, grinding wheel and flange, grinding wheel remover, grinding wheel wrench, dressing seat, lifting ring, track lubricating oil, dense permanent magnet sucker, vacuum box or cooling water tank, toolbox set, balance bar, level adjustment Screws, foot pads, accuracy checklist, instruction manual.

Project	Content	HF618S
Processing capacity	Maximum grinding length	480mm
	Maximum grinding width	160mm
	Spindle center to table distance	400mm
	Standard disk size	150mm*400mm
about	Workbench area (length * width)	475mm*150mm
	Maximum left and right travel	486mm
Before and after	Maximum travel before and after	180mm
	Handwheel per turn feed	5mm
	Handwheel feed per scale	0.02mm
Lifting	Handwheel per turn feed	1mm
	Handwheel feed per scale	0.005mm
Spindle	Spindle speed (50/60HZ)	3600/300 RPM
	Spindle motor	1.5HP
	Grinding wheel (outer diameter * thickness * inner diameter)	180mm*16mm*31.75mm
Machine size (length * width * height)		1400mm*1150mm*1980mm
Machine weight		720kg