

HST-GTQ5000B High Speed Precision Cutting Machine



Application:

HST-GTQ5000B precision cutting machine is suitable for precise, deformation-free cutting of metals, electronic components, ceramic materials, crystals, cemented carbide, rock samples, mineral samples, concrete, organic materials, biological materials (teeth, bones) and other materials.

Features:

- The equipment has high positioning accuracy; large speed range; strong cutting ability; strong circulation cooling system
- The feed speed can be preset; the touch screen control display makes it easy to operate and control.
- The automatic cutting of this machine can reduce operator fatigue and ensure the consistency of sample production.
- Equipped with a large and bright cutting room with safety switch. It is one of the ideal equipment for industrial and mining enterprises and scientific research institutes to prepare high-quality samples.

Parameters:

Model	HST-GTQ5000B
Cutting disc	Standard: $\phi 200 \times \phi 32 \times 0.9$
Spindle speed	500-5000r/min
Feed rate	0.01-5mm/s
Manual feed speed	0-30mm/s
Impact cutting distance	0.1-2mm
Cutting stroke (Y axis)	200mm
Maximum cutting diameter	60mm
Maximum length of workbench clamp	150mm
Maximum width of worktable clamping	200mm
Servo motor	750w
Total power	1000W
Usage data	10 types can be stored

Power supply	AC220V 50HZ
Dimensions	750×860×430mm
Package Size	935*865*566
Gross weight	120.2KG
Net weight	97kg
Water tank size	470*370*300mm
Water tank packaging size	650*440.5*460mm
Water tank gross weight	27kg
Water tank net weight	17kg

Packing List:

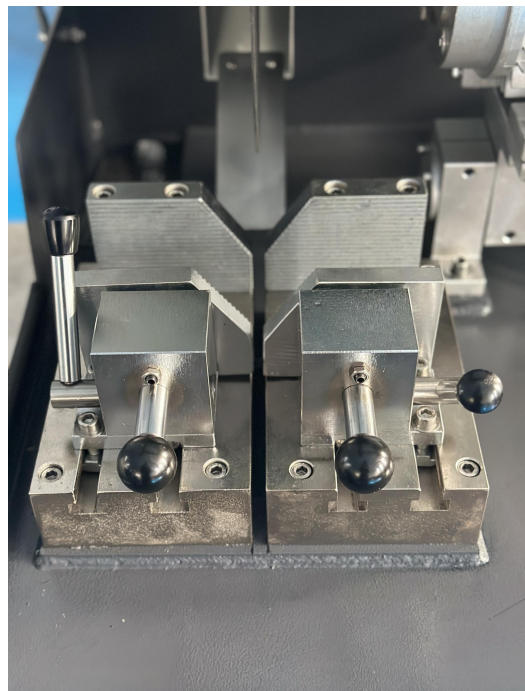
Open end wrench	17-19	pc	1
Monkey wrench	0-200mm	pc	1
Cutting disc	(Φ200 diamond stone)	pc	1
Allen wrench	5mm	pc	1
Power cable	3*1.5	pc	1
Cooling system (including water tank, water pump, water inlet pipe, drainage pipe)		set	1
Hose clamp		pcs	4

Clamps (optional)

Standard Clamp

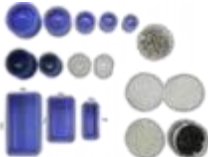


Quick Clamp



Metallographic consumables

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Diamond cutting piece	Resin cutting sheet	Metallographic cutting Coolant	CBN cutting piece
			
CM-7 Cold mounting material	Cold/hot mosaic powder	Die for cold Mounting	Mounting material
			
Diamond Grinding Disk	Metallographic sandpaper	MEGULAR	Diamond paste
			
Polishing powder	Polishing lubricant coolant	Metallographic polishing cloth	Polishing liquid