

HST-PBT200 Flatbed Cutting Machine



Application:

The HST-PBT200 metallographic precision flat plate cutting machine is suitable for cutting samples such as semiconductors, crystals, circuit boards, fasteners, metal materials, rocks and ceramics. It is a flat plate cutting machine developed for flat plate styles.

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-PBT200
Y direction travel	160mm
Cutting method	straight line, pulse
Diamond cutting disc	φ200*0.9*32mm
Spindle speed	500-3000 (customizable)
Automatic cutting speed	0.01-3mm/s
Manual speed	0.01-15mm/s
Impact cutting distance	0.1-2mm/s
Maximum cutting thickness	40mm
Maximum length of workbench	425mm
Maximum supporting width of workbench	200mm

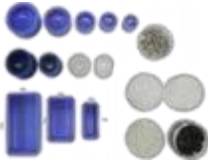
Display	5-inch touch all-in-one control
Usage data	10 types available
Working table size	425*435mm
Power	600W
Power supply	Single phase 220V
Dimensions	530×600×410mm
Package Size	810*730*540mm
Net weight	85kg
Gross weight	101kg
Water tank size	470*370*300mm
Water tank packaging size	650*440.5*460mm
Water tank gross weight	17kg
Water tank net weight	27kg

Packing List:

Metallographic sample cutting machine	HST-PBT200	Set	1
Product Manual		Sheet	1
Product certification		Sheet	1
Packing List		Pc	1
Grinding wheel	200*0.9*32	Pc	1
Wrench		Pc	1
Wrench		Pc	1
Hex wrench		Pc	1

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