

HQG-201 Manual-automatic precision cutting machine

Hoyamo

HQG-201



Production Feature:

HQG-201 manual automatic integrated precision cutting machine adopts a speed-adjusting motor, and the cutting blade is driven by a belt to obtain an effective speed. Touch screen display and operation, clear screen, reasonable function layout, free setting of parameters, making cutting preparation more convenient. According to different materials or personal usage habits, the machine can choose the right hand-operated wheel to control the spindle advance mode or the platform advance mode for cutting, and it can also cut automatically according to the set parameters. The overall design of the body is exquisite, with a built-in independent stainless steel circulating filter cooling water tank, with 80% water and 20% cutting fluid mixed to lubricate the cutting blades and samples, effectively avoiding heat and burns on the sample surface, and preventing the guide rail and ball screw from rusting. The machine is equipped with a safety protection function when the cover is opened and

stopped. The working area adopts a fully enclosed structure and a transparent protective cover for observation during cutting. The working platform can be equipped with different clamps, and the clamping device can be freely disassembled and cleaned. HQG-201 desktop cutting machine, compact but powerful, can be used to cut metallographic samples such as PCB boards, metal materials within $\Phi 30\text{mm}$, electronic components, inlays, etc. It has a beautiful and stylish appearance and convenient man-machine interface operation. High cost performance, it is the best choice for cutting small pieces.

The Main Technical Parameters:

Model	HQG-201
Cutting method	manual/automatic, spindle feed or platform feed
Feed speed	manually controlled/automatically adjustable 1-36mm/min (Adjustment step length is 0.1mm/min)
Cutting sheet size	$\Phi 180 \times 0.8 \times \Phi 22\text{mm}$
Maximum cutting diameter	$\Phi 30\text{mm}$
Maximum stroke	spindle stroke 140mm, platform stroke 230mm
Spindle speed	500-3000r/min
Motor power	1.2kW
Cutting platform size	245×415mm, 8mm T-slot
Cutting fixture	Quick fixture, jaw height 45mm; vertical fixture, opening 27mm
Display and control	5.7 inch touch screen display and control
Power input	single phase 220V, 50Hz, 8A
Water pump flow	16L/min
Dimensions	620×740×380mm
Net weight	80kg

Standard configuration:

Name	Specification	Quantity
Host		1
Cutting disc	$\Phi 180 \times 0.8 \times \Phi 22\text{mm}$, Diamond wheel plate	1 (Already installed on the host)
Cutting fluid	3kg	1
Stay wrench	22mm, 14×17mm	1
Allen wrench	4mm, 5mm	1
Custom wrench	For vertical fixture	1
Vertical fixture		2
Power cable		1

Manual		1
Certificate of conformity		1

Diamond cutting disc $\Phi 180 \times 0.8 \times \Phi 22$ mm Price: US\$145/piece

Consumables that can be added:

Coolant 3 kg package Price: US\$48/barrel

Application:



motive air filter aluminum alloy parts cutting



Lithofacies sample cutting



Arc-shaped silicon glass thick sample cutting (2mm thin slice)