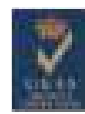




MCut-30

Manual/Auto Precision
Metallographic Cutter





Product Feature & Application

Product Feature

- MCut-30 manual/auto precision cutting machine adopts the Stepper motor which drives the belt to control the cut-off wheel to achieve effective speed.
- With touch screen control, clear display and reasonable function .
- The cutting feed can be controlled by cut-off wheel propulsion or by cutting table propulsion according to the different materials or personal habits, also it can automatically finish cutting according to set parameter.
- With built-in independent stainless steel circulating filter cooling water tank, combined with 80% water and 20% cutting fluid, it can effectively avoid the sample surface heat and prevent rail and ball screw rust.
- The machine has safety protection function for opening the cover. The working area is totally enclosed and has a transparent cover for observation during cutting.
- The cutting table can be equipped with different clamping tools which can be freely disassembled and cleaned.



Product Application

MCut-30 cutting machine can be applied to the cutting of PCB plate, metal materials within $\Phi 30\text{mm}$, electronic parts and mounting samples, etc. Perfect precision cutter for lab or industry use.



User Friendly

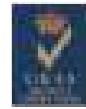
QG-PCB30 provide touch screen operation for cutting , all regularly used functions are on the front screen without complicated menus, Store 10 parameters and recall with a single touch.





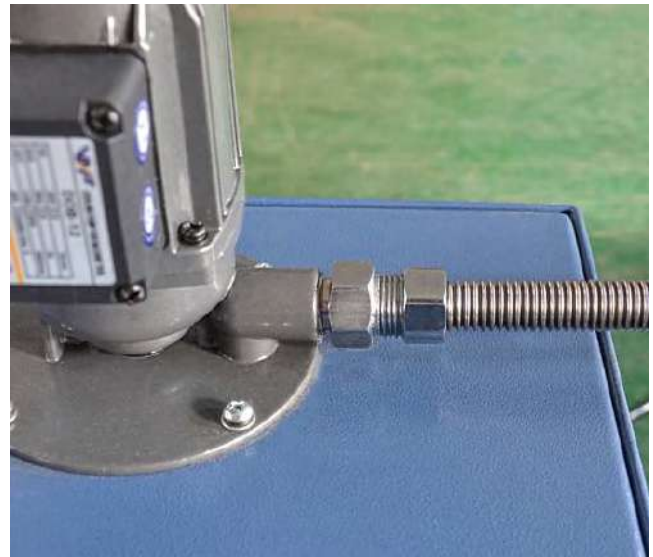
Technical Specification

Model	MCut-30
Cutting Method	Manual / Automatic
Feeding Method	Spindle feeding or Stage feeding
Feed Speed	Manual /Automatic 1-36mm/min (Step 0.1mm/min)
Cut-off Wheel	Φ180×0.8×Φ22mm
Max. Cutting Capacity	Φ30mm
Max. Travel	Spindle travel 140mm, Stage Travel 230mm
Spindle Speed	500-3000r/min
Motor Power	1.2kW
Cutting Stage	245×415mm, T-slot 8mm
Clamping Tool	Quick clamp, Jaw height 45mm;
	Vertical clamp, Opening 27mm
Control and Display	5.7 inch Touch Screen
Power Supply	220V, 50Hz,8A
Pump Flow	16L/min
Machine Dimensions	620×740×380mm
Net Weight	80kg
External Water Tank Capacity	36L
Water Pump Flow	12L/min
Water Tank Dimensions	300x500x450mm
Water Tank Net Weight	20Kg



Easy Installation

Connect well the inlet/outlet water pipe, make equipment working together with water tank, Fill in the tank with water and cutting fluid (20:1), according to different material , user can increase the concentration of cutting fluid(2%~10%).





Standard Delivery

Name	Specification	Qty
Machine Mainframe	/	1 set
Diamond cut-off wheel	Φ180×0.8×Φ22mm	1 pc
Cutting Fluid	3kg	1 bottle
Spanner	22mm, 14×17mm	each 1 pc
Inner Hexagon Spanner	4mm	1 pc
Vertical Clamp Spanner	/	1 pc
Power Cable	/	1 pc
Instruction Manual	/	1 copy
Outlet Water Pipe	Φ32mm	1 pc
Inlet Water Pipe	1.5m Length	1 pc
Product Certificate	/	1 Copy



Diamond cut-off wheel



Cutting Fluid



Vertical Clamp



Optional Accessories

Name	Specification
Diamond Cut-off Wheel	$\Phi 180 \times 0.8 \times \Phi 22 \text{mm}$
CBN Cut-off Wheel	$\Phi 180 \times 0.8 \times \Phi 22 \text{mm}$
Resin Cut-off Wheel	$\Phi 180 \times 1 \times \Phi 22 \text{mm}$
Cutting Fluid	Z0703B Synthetic Cutting Fluid