



MCut-85

Manual Metallographic Cutter
(Cutting Capacity: 85mm)





Product Feature&Application

Product Feature

- High motor rotating speed and powerful cutting ability.
- Double-sided clamp device, fix sample firmly.
- Main parts of the clamp and cutting table are all made of stainless steel.
- Cutting chamber adopts closed structure with safety limit switch.
- An opening window in the left cover used for cutting long strip samples.
- Transparent organic glass window and built-in LED lamp for observation.
- Equiped with circulating cooling water system, the sample surface after cutting is bright and flat without burns.



Desktop Type



Floor Type

Product Application

This machine is suitable for general metallographic and petrographic materials. By pulling spindle and using the spindle gravity to cut sample,ideal equipment for sample cutting. This model is divided into benchtop and floor type for customers to choose.



User Frindly

Transparent organic glass window and built-in LED lamp for observation. An opening window in the left cover used for cutting long strip samples, with quick clamping device.



Cutting Chamber



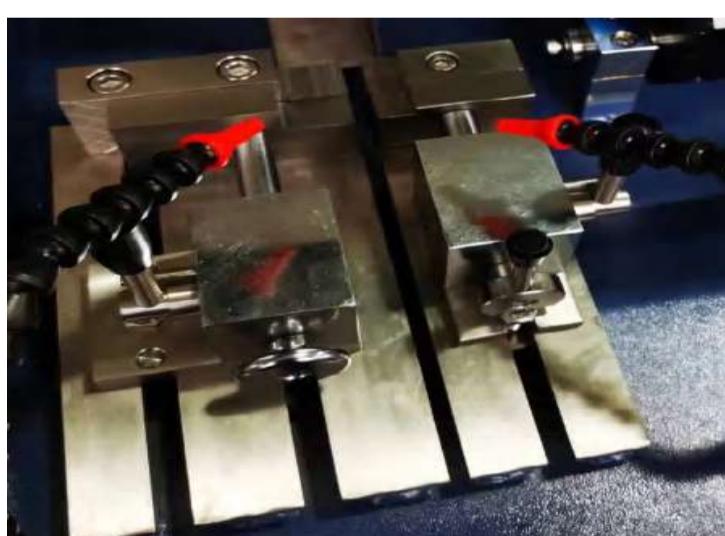
Quick Clamping Device



Opening window in the left cover



LED illumination inside Cutting Chamber



T-groove structure cutting stage



User Frindly

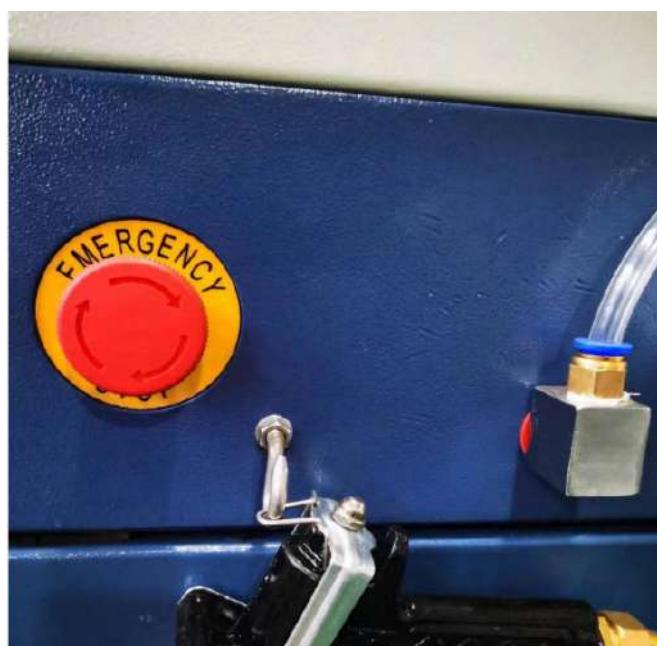
Two gas spring support to ensure safety, Cutting chamber adopts closed structure with safety limit switch, with emergency stop button.



Gas Spring Support



Gas Spring Support



Emergency Stop Button

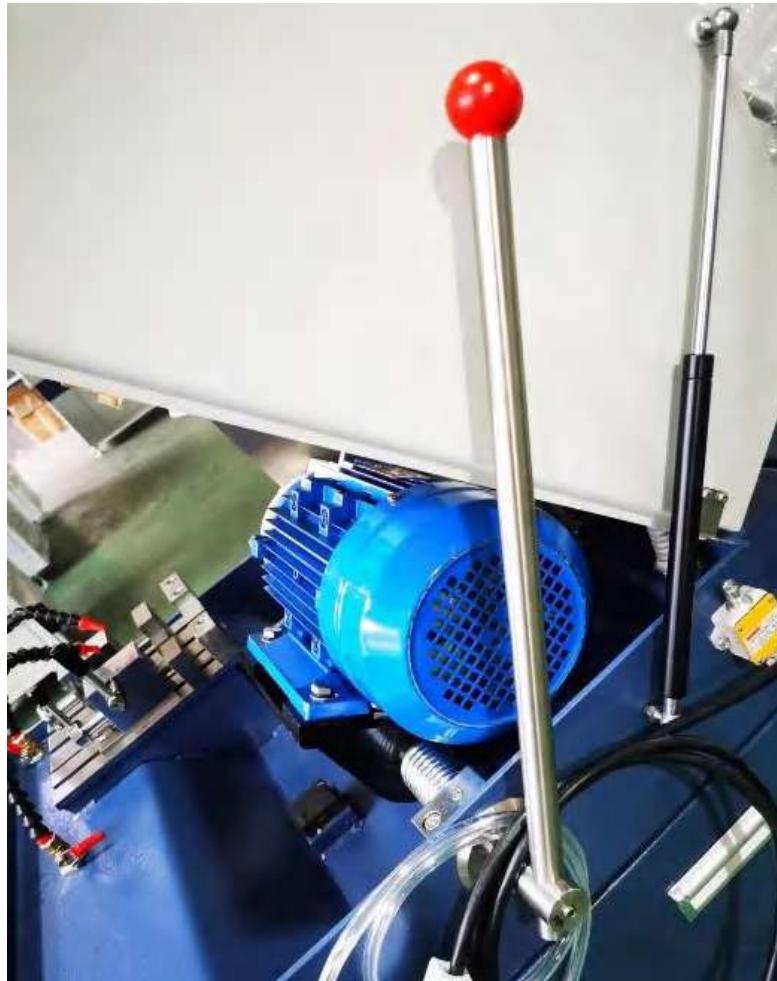


Safety Limit Switch



User Frindly

3KW powerful motor equiped, with Schneider power source By pulling spindle and using the spindle gravity to cut sample.



Spindle Pulling Cutting



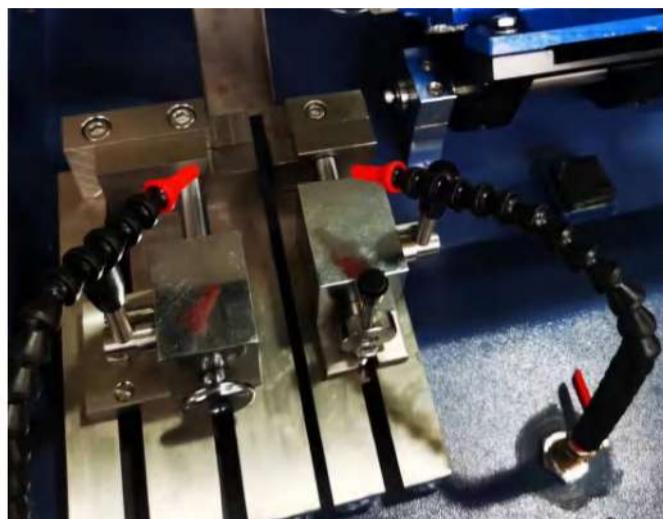
3KW Powerful Motor



Schneider Power Source

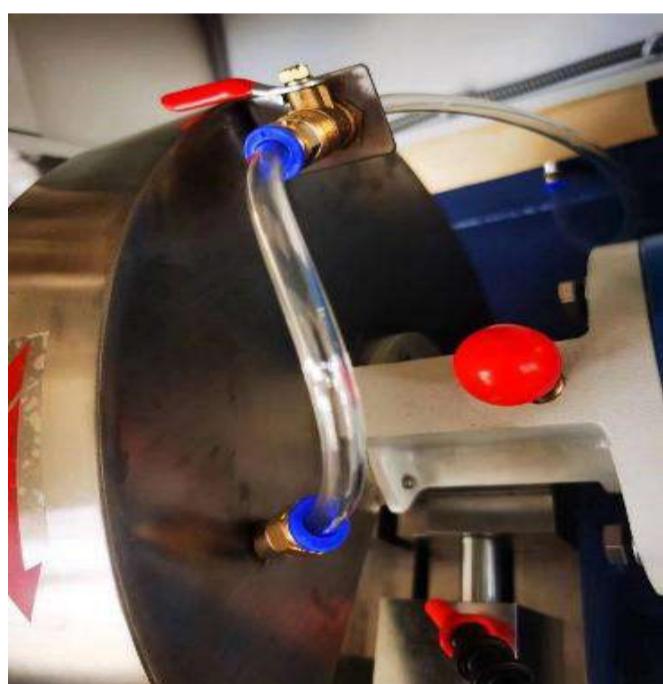
User Frindly

Circulating cooling water system, for both cutting disc and cutting sample, the sample surface after cutting is bright and flat without burns.



Water Tank

Water Impact Cooling



Water Inlet/Outlet

Water Impact Cooling



Flushing Water Gun



Flushing Water Gun



Standard Delivery

Name	Specification	Qty
Machine Body	/	1 set
Water Tank	/	1 set
Cut-off Wheel	Φ300×2×Φ32mm Resin cut-off wheel	2 pcs
Cutting Fluid	3kg	1 bottle
Spanner	14×17mm, 24×27mm	each 1 pc
Inner Hexagon Spanner	3mm, 6mm	each 1 pc
Water Inlet Pipe	1/2 Metal pipe	2 pcs
Water Outlet Pipe	Φ48mm	1 pc
Usage Instruction Manual	/	1 copy



Water Tank



Resin cut-off wheel



Cutting Fluid