

# **CT-250S/250V**

## ***Manual Sectioning Machine***

SECTIONING

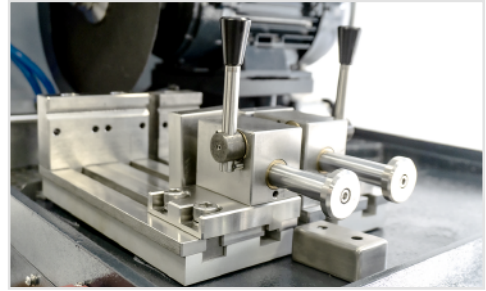


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TROJAN (SUZHOU) MATERIAL TECHNOLOGY CO.,LTD

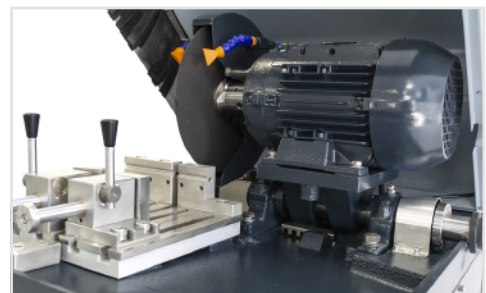
# CT-250S/250V Manual Sectioning Machine

CT-250S/250V is a manual sectioning machine designed with safety and environmental principles in mind. It features both a safety lock and an emergency stop button for dual safety protection during operation. Equipped with a high-grade waterproof motor, an ergonomically designed cutting handle, and a simple control panel, it can accommodate 250mm/10-inch diameter cutting wheels, making it suitable for fast cutting of various metal and non-metal materials.



## Features:

- ♦ Manual chop cutting, easy to operate;
- ♦ Omron low-voltage control switch, ensuring safety and reliability;
- ♦ Powerful cooling system prevents workpiece burning;
- ♦ Equipped with an independent cooling tank and filter for debris collection, extending machine lifespan;
- ♦ Large observation window with high-brightness lighting for clear cutting process visibility;
- ♦ Durable, reliable, and low-noise.



## Technical Data:



Model	CT-250S	CT-250V
Max. Dia	Φ250mm	
Cutting capacity	Φ80mm	
Wheel movement	Chop Cutting	
Dimension of table	210x230mm	
Power	2.2KW	
Power supply	3x380V/50Hz Standard (220,440,480V/60Hz Optional)	
Wheel speed	2800rpm(50Hz)	1000-3500rpm(50/60Hz)
Weight	100kg	105kg
Dimension WxDxH	664x684x621mm (Close) 664x898x829mm (Open)	
Volume of water tank	60L	
Dimension of water tank	620x420x520mm	

## Control Panel Introduction:



CT-250V(1000-3500rpm)

- ① Adjust the speed      ② Light      ③ Pump
- ④ Start      ⑤ Stop      ⑥ Power indicator
- ⑦ Emergency stop



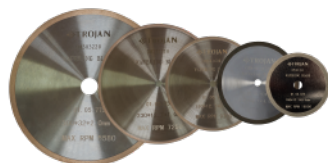
CT-250S(2800rpm)

- ① Light      ② Pump      ③ Start
- ④ Stop      ⑤ Power indicator      ⑥ Emergency stop

## Related Consumables & Accessories:



Abrasive Wheels



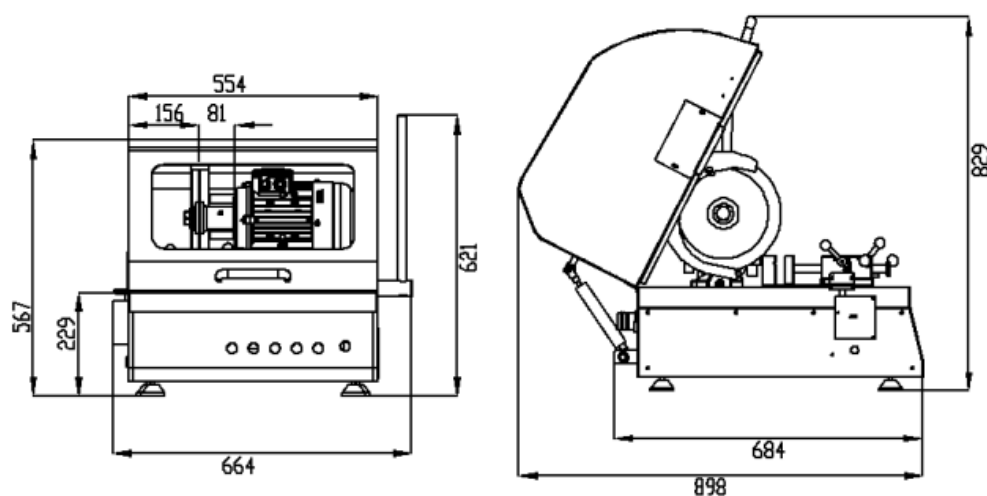
Diamond/CBN Cut Off Wheels












Coolant

## Dimension Figure




Unite: mm



## Standard Accessories:

1	Recirculating cooling and filter system		Capacity: 60L, flow: 11.7L/Min	1set
2	Fast and quick clamping		S250L/R	1set
3	Open spanner		M30 Open spanner	1pc
4	Allen key		4mm、6mm、8mm Allen key	1each
5	Cutting blades fix		Lock nut 1pcs+Fixing piece 2pcs	1set
6	Auxiliary rod for cutting blade			1pc
7	Water inlet pipe		Φ19mm Rubber pipe 1.5m	1pc
8	Water outlet pipe		Φ38mm steel pipe	1 pc
9	Abrasive Wheels		A602515 (250*32*1.5) A502515 (250*32*1.5)	5pcs each

## Optional Accessories:

1	Large Vertical clamp		H400
2	Padding block for vertical vise		H400-BLOCK
3	Extend arm		H400-EX

## Purchase list:

### Abrasive Wheels:

01.01.150	A60 Alumina Abrasive Wheels (Very hard ferrous metals)	A602515	250*32.0*1.5mm	10pcs
01.01.250	A50 Alumina Abrasive Wheels (Medium hard ferrous metals)	A502515	250*32.0*1.5mm	10pcs
01.01.350	A30 Alumina Abrasive Wheels (Soft ferrous metals)	A302515	250*32.0*1.5mm	10pcs
01.02.450	S20 Abrasive Cut Off Wheels (Non-ferrous soft metals)	S202515	250*32.0*1.5mm	10pcs

### Diamond/CBN Cut Off Wheels:

01.03.560	DP Electroplated Diamond Cut Off Wheels	DP253215	250*32.0*1.5mm	1PC
01.04.660	DR Resin-Bonded Diamond Cut Off Wheels	DR253215	250*32.0*1.5mm	1PC
01.05.760	DM Metal-Bonded Diamond Cut Off Wheels	DM253215	250*32.0*1.5mm	1PC
01.10.960	CBN-M BoronNitride Cut Off Wheels	CBN-M253215	250*32.0*1.5mm	1PC

### Coolant:

01.07.810/820	TJ 1220 Cutting Coolant	1L/5L
01.07.857/860	TJ 1410 Cutting Coolant	1L/5L
01.07.890/900	TJ 1506 Cleaner	1L/5L



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