

# ***CT - 2300***

## ***Manual Cut-off Machine***

SECTIONING



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10 / 11

TROJAN (SUZHOU) MATERIAL TECHNOLOGY CO.,LTD

# CT - 2300 Manual Cut-off Machine

CT-2300 is a compact, desktop Manual Cut-off Machine, widely used for cutting materials such as PCB boards, semiconductor components, wafer ceramics, quartz glass, and petrographic samples.

## Features:

- ◆ Offers both dry and wet cutting modes;
- ◆ T-slot clamping device for easy fixture installation;
- ◆ Fully transparent high-strength top cover for easy observation of the cutting process;
- ◆ The top cover can be set to "unlock" mode, allowing cutting of samples that exceed the platform's size limitations;
- ◆ Speed adjustable, ranging from 200 to 3000 rpm;
- ◆ The motor is equipped with a cooling fan and overload protection.



## Technical Data:

Model		CT-2300
Cutting Method	Manual	The blade moves by operating a hand-wheel
Wheel	Diameter	Φ180
	Arbor size	12.7mm
	Speed	0-3000rpm
Cutting Capacity	Maximum Cutting Diameter	Φ30mm
	Maximum Square Cross-Section	30x50mm
Table	Travel	100mm
	Dimensions WxD	350x370mm
Electric	Power	0.9kW
	Voltage	110 / 220V,(1Ph/N/PE)
Cooling Tank	Cooling Type	Dipped into the coolant
	Water tank	Internal, around 3L
Dimension	W×D×H	470*505*359mm(Close) 470*556*631mm(Open)
Weight		45kg

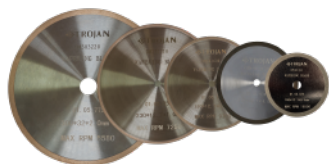
Control Panel Introduction:



Related Consumables & Accessories:



Abrasive Wheels



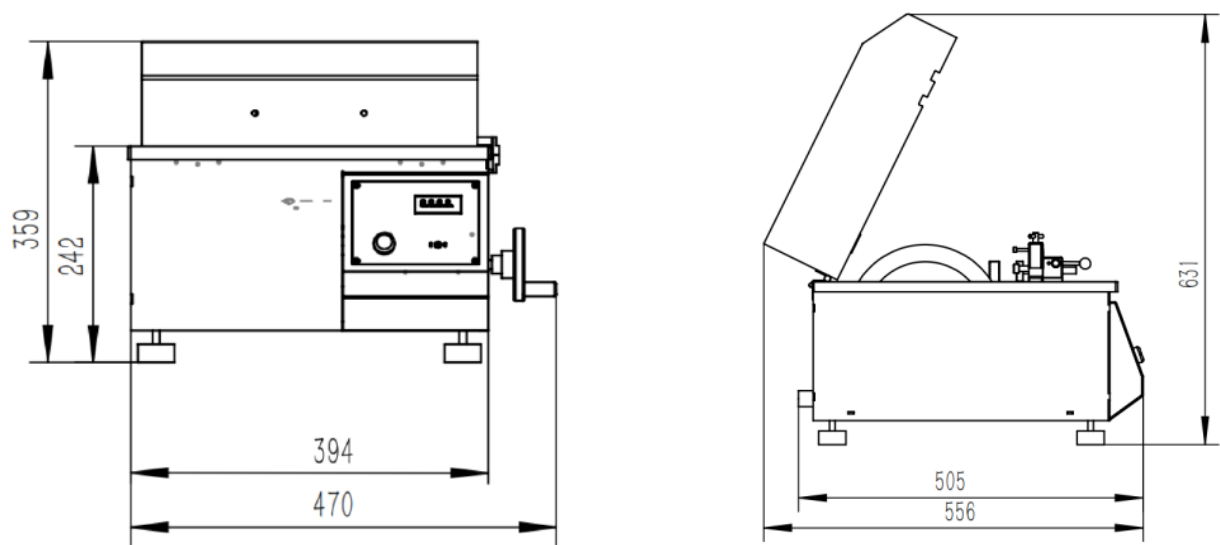
Diamond/CBN Cut Off Wheels










Coolant

Dimension Figure

Unite: mm



## Standard Accessories:

1	Small Fast and quick clamping		S200L/R	1set
2	Spanner		M13、 M24 Open spanner	1set
3	Allen key		5mm Allen key	1pc
4	Cutting blade fixed		Lock nut 1pc+Fixing piece 2pcs	1set
5	Ring for $\phi 25$ arbor hole		$\Phi 25$	1pc
6	Outlet pipe		$\Phi 19$ mm length:1.5m	1pc
7	Cutting wheels		A601808 (180*12.7*0.8) A501808 (180*12.7*0.8)	5pcs each

## Optional Accessories:

1	Small Vertical Clamping		H200
2	Paralleled out clamping		X200
3	Splitting fixture		D200

## Purchase list:

### Abrasive Wheels:

01.01.114-1	A60 Alumina Abrasive Wheels (Very hard ferrous metals)	A601808	180*12.7*0.8mm	10pcs
01.01.214	A50 Alumina Abrasive Wheels (Medium hard ferrous metals)	A501808	180*12.7*0.8mm	10pcs
01.01.314	A30 Alumina Abrasive Wheels (Soft ferrous metals)	A301808	180*12.7*0.8mm	10pcs
01.02.414	S20 Abrasive Cut Off Wheels (Non-ferrous soft metals)	S201808	180*12.7*0.8mm	10pcs

### Diamond/CBN Cut Off Wheels:

01.03.541	DP Electroplated Diamond Cut Off Wheels	DP181308	180*12.7*0.8mm	1PC
01.04.640	DR Resin-Bonded Diamond Cut Off Wheels	DR181308	180*12.7*0.8mm	1PC
01.05.741	DM Metal-Bonded Diamond Cut Off Wheels	DM181308	180*12.7*0.8mm	1PC
01.10.935	CBN-M BoronNitride Cut Off Wheels	CBN-M181308	180*12.7*0.8mm	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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