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Discover the Truth of Material

FlexCUT-2 Automatic Precision Cut-Off Machine

CUTTING





2026

TROJAN (SUZHOU) MATERIAL TECHNOLOGY CO.,LTD

FlexCUT-2 Automatic Precision Cut-Off Machine

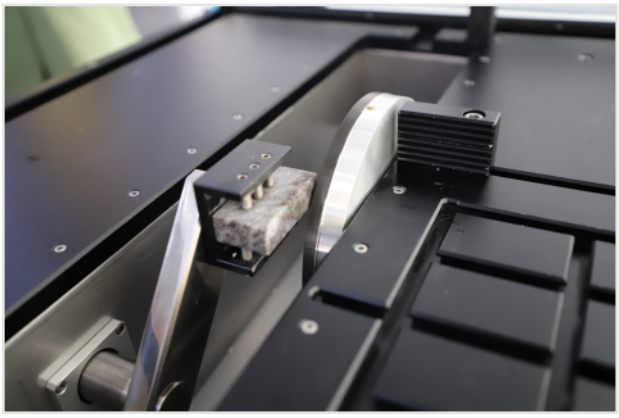
The FlexCUT-2 manual-automatic cutting machine is equipped with a variety of fixtures, enabling it to cut irregular-shaped workpieces and is suitable for manual-automatic cutting applications involving various metal materials, PCBs, circuit boards, semiconductors, crystals, ceramics, quartz glass, and rock sample specimens.



Features:

- Five cutting application modes: General Cutting, Multi-Segment Cutting, Precision Grinding, Flat-Plate Mode and Manual Mode, to meet cutting requirements for samples of diverse materials and shapes;
- Multiple fixtures are configurable for the X-axis, supporting automatic multi-segment cutting with 0.05 mm accuracy;
- Cup-shaped grinding wheel can be installed for precise end-face thinning of samplesBuehler;
- Adopts an 8.8-inch long strip touch screen with manual-automatic integrated program control for easy operation;
- Built-in cooling water tank, dual cooling tubes and high-flow cooling capacity.



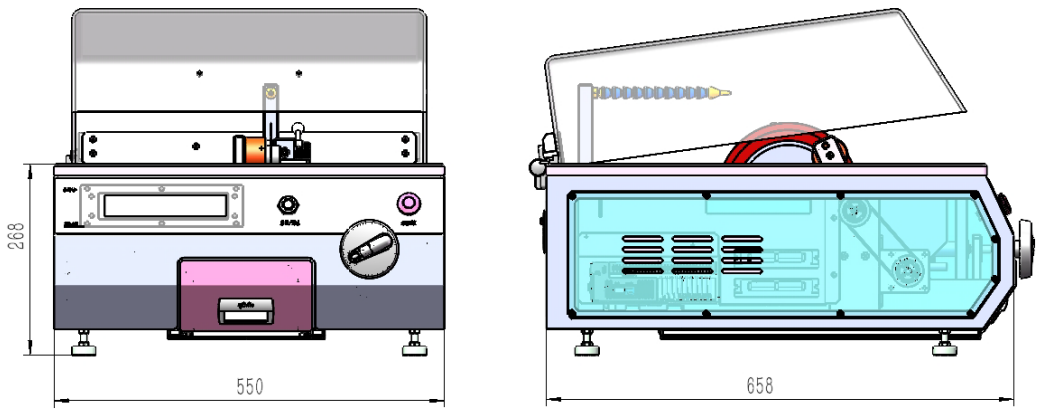


Technical Data:

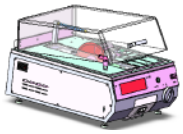
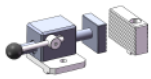
Model		FlexCUT-2
Cutting wheel	Diameter	Ø203 mm / 8"
	Speed	1000~5000rpm, variable speed
	Flange Size	Ø70mm
	Center Hole	Φ12.7 / Φ22 mm
Grinding wheel	Size	Ø150x Ø12.7
Cutting Capacity	Max Diameter	Ø50mm
	Max Square Section	50×160mm
	Y-axis Travel	220mm
	Y-axis Feed	Manual control or automatic feed
	X-axis Travel	50mm
	X-axis Precision	0.05mm
Worktable	Dimensions(W×D)	550×620mm
	T-slot	7 [M6]mm
Cooling	Water Tank Capacity	5L
	Flow Rate	4L/min
Electrical	Power Input	220V/50Hz + Protective Earth, (110V/50-60Hz optional), Total Power:1.5 kW
	Spindle Power	1.0KW
Panel		8.8-inch Touch Screen
Intelligent Cutting	Cutting Modes	General Cutting / Multi-Segment Cutting / Grinding Mode / Manual Flat-Plate Mode / Manual Mode
	Feed Adjustment Modes	Constant-Speed Cutting / Pulse Cutting / Automatic Speed Adjustment
Dimensions	W×D×H	550x720x420mm
Weight		60 kg

Dimension Figure

Unite: mm

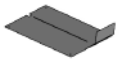


Standard Accessories:

1	FlexCUT–2 Machine		Single–phase AC 220V	1 unit
2	Push–type Fixture			1 set
3	Box Wrench		Size 13	1 pc
4	Hex–key Wrench		4mm hex socket wrench	2 pcs
5	Cut–off Wheel Mounting Flange		Φ70	1 set
6	Magnetic Brush		Guard Cleaning Brush	1 pc
7	Power Cord		1.5m	1 pc
8	Cutting Fluid		TJ–1410 (500ml)	1 bottle
9	Alumina Cutting Blade		A602008 (200×22.0×0.8)	10 pcs
10	DP Electroplated Diamond Cutting Blade		DP202210 (200×22.0×1.0)	1 pc
11	Round Fixture –Ø32		Max clamping diameter 32mm	1 pc

X-axis Assembly Fixture List:

1	Round Fixture – Ø42		Max clamping diameter 42mm	1 pc
2	Quick Fixture			1 pc
3	Teardrop Fixture		Max clamping diameter 40mm	1 pc
4	Double V–Fixture			1 pc
5	Large V–Fixture			1 pc

6	Adhesive Fixture			1 pc
7	V–Fixture			1 pc
8	Irregular Fixture			1 pc
9	Grinding Wheel		203mm (8”)	1 pc
10	Small–size Vertical Fixture		Max. Clamping Height: 75mm	1 unit
11	Manual Cutting Push Plate			1 pc

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