



TORONTECH



AUTOMATIC PRECISION CUTTER TORONCUT™ AUTO-200 SERIES

Automatic Precision Cutter ToronCut™ Auto-200 Series consists of high-performance tabletop automatic precision cutters designed for precise sectioning across a wide range of materials. This versatile cutting machine is capable of handling metals, fasteners, rocks, ceramics, polymers, composites, electronics, semiconductors, biomaterials, and more. By integrating optimized precision cutting technology with an advanced control system, the Auto-200 Series delivers exceptional cut quality and high throughput, making it an ideal choice for demanding applications.

APPLICATIONS

The ToronCut™ Auto-200 Series is suitable for cutting a diverse array of materials, including ferrous and nonferrous metals, heat-treated components, forgings, semiconductors, crystals, ceramics, rocks, and other samples. This versatility ensures that it can meet a wide range of cutting needs across various applications.

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FEATURES

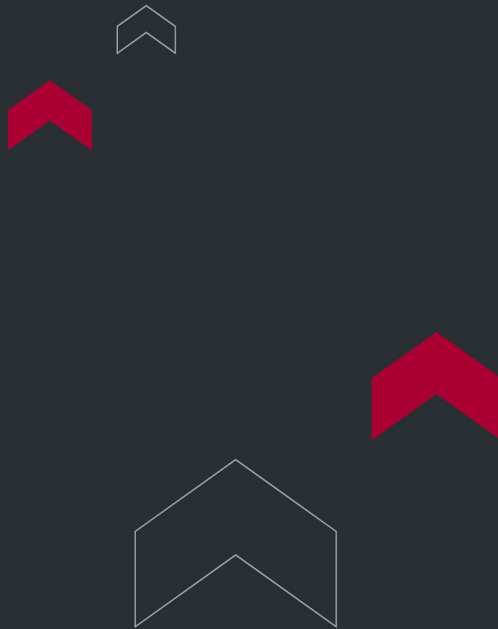
- **High-Powered Motor:** Reduces cutting time and enhances productivity.
- **Smart Feed System:** Automatically adjusts feed speed in real-time based on load changes for optimized cutting.
- **Multiple Cutting Modes:** Supports various cutting techniques, including Y-continuous, Y-pulse, Z-continuous, Z-pulse, and slicing modes (varies by model).
- **Versatile Industrial Joystick:** Easy-to-use joystick with X, Y, and Z axis control for precise maneuverability.

- **User-Friendly Touchscreen:** 8-inch color touchscreen for straightforward operation and navigation.
- **Electric Blade Brake:** Quickly stops the blade for improved safety.
- **LED Chamber Illumination:** Provides enhanced visibility during cutting processes.
- **Durable Base Construction:** Aluminum casting base, powder-coated for durability and resistance to wear.
- **Stainless Steel T-Slot Table:** Made from stainless and aluminum alloy for secure sample positioning.
- **304 Stainless Steel Locking Vises:** Fast cam locking vises ensure secure clamping of materials.
- **Composite Left Cover:** Molded from durable materials for improved longevity.
- **Mobile Coolant System:** Features a plastic recirculation coolant tank for efficient cooling.
- **Independent Cleaning Pump:** Facilitates easy cleaning of the cutting chamber.
- **Optional Laser Alignment Aid:** Provides precise alignment for enhanced cutting accuracy.

TECHNICAL SPECIFICATIONS

Model	ToronCut Auto-200YZ
Y Feed	Automatic
Z Feed	Automatic
Cutting mode	Continuous, Pulse
Blade(mm)	200*12.7*0.8
Blade speed (rpm)	500-3000
Table Dimensions (WxD,mm)	235*220
Cooling	Automatic/manual
Main Motor	1.2KW
Voltage	220V AC, 50-60Hz, 1 Phase (110V is also available)
Accessories	

Diamond Blade	☐
SiC blade	☐
Alumina Blade	☒
Fast Cam Locking Vises	☒
Vertical Clamping vise	☐
Laser alignment aid	☐
Plastic tank	☒
Plastic tank with magnetic filter	☐
Cutting fluid	☐
Centrifugal separator	☐
Base Bench	☐
●Standard ○ Option	



Torontech Inc.

251 Consumers Road, Suite 1200
Toronto, Ontario, M2J 4R3, Canada 

Phone: +1 416 368 2721 | Fax: +1 416 981 7652
Email: info@torontech.com

Torontech, LLC

601 Brickell Key Drive, Suite 700
Miami, FL 33131, USA 

Toll-Free: 1-866-383-7919
Email: sales@torontech.com

Torontech ME FZE

Meydan Grandstand, 6th Floor,
Meydan Road, Nad Al Sheba,
Dubai-261440, UAE 

Phone: +971 488 19252
Email: me@torontech.com

