



# **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

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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

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- **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                     | <input type="radio"/>            |
| SiC blade                         | <input type="radio"/>            |
| Alumina Blade                     | <input checked="" type="radio"/> |
| Fast Cam Locking Vises            | <input checked="" type="radio"/> |
| Vertical Clamping vise            | <input type="radio"/>            |
| Laser alignment aid               | <input type="radio"/>            |
| Plastic tank                      | <input checked="" type="radio"/> |
| Plastic tank with magnetic filter | <input type="radio"/>            |
| Cutting fluid                     | <input type="radio"/>            |
| Centrifugal separator             | <input type="radio"/>            |
| Base Bench                        | <input type="radio"/>            |
| ●Standard ○ Option                |                                  |



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