



PIPE CUTTING AND CHAMFERING MACHINE - TORONPCCM™

Precision End-Preparation for Large-Diameter Plastic Pipes

ToronPCCM™ is a high-performance, automated pipe cutting and chamfering machine designed for large-diameter plastic pipes. With its robust structure, integrated cutting and beveling capabilities, and operator-safe design, it is ideal for pipe manufacturers, extrusion line operations, quality control labs, and research institutions.

Engineered for precision and speed, the ToronPCCM™ streamlines the preparation of test samples and production pipe ends, enhancing productivity while reducing labor intensity.

APPLICATIONS

Standards Compliance

- ISO 1167 – Thermoplastics Pipes for the Conveyance of Fluids – Resistance to Internal Pressure
- ASTM D1598 / D1599 – Tests for Time-to-Failure and Burst Pressure of Plastic Pipe

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Applications

- Cutting and chamfering of plastic pipes ranging from Ø90 mm to Ø1200 mm
- Sample preparation for hydrostatic pressure testing and burst pressure testing
- Inline integration with pipe extrusion production lines
- Ideal for PVC, HDPE, PPR, and other thermoplastic materials
- Suitable for QA/QC labs and testing institutes

The ToronPCCM™ delivers efficient, reliable, and standardized pipe cutting and chamfering for production and testing workflows, making it an essential tool for any plastic pipe processing facility.

FEATURES

- Dual-Function Operation: Simultaneously cuts and chamfers pipe ends to improve efficiency and reduce operator workload
- High Automation & Safety: Features pneumatic clamping, electronic soft-start, and an intelligent motor protection system
- Planetary Cutting Method: Ensures clean, burr-free edges across a wide diameter range
- User-Friendly Design: Equipped with modular layout, humanized safety protections, and intuitive controls for ease of use
- Operator Safety Priority: The rotating cutting motor only activates after clamping is secure and automatically shuts down when released
- Power Protection: Electronic soft-start minimizes electromagnetic shock, protecting power systems and improving start-up stability

TECHNICAL SPECIFICATIONS

Parameter	Value
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Diameter Range	Ø90 mm – Ø630 mm / Ø1200 mm
Chamfering Angle	15°
Machine Dimensions	1580 mm × 1030 mm × 1830 mm
Voltage	380V, 50Hz, 2 kW



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