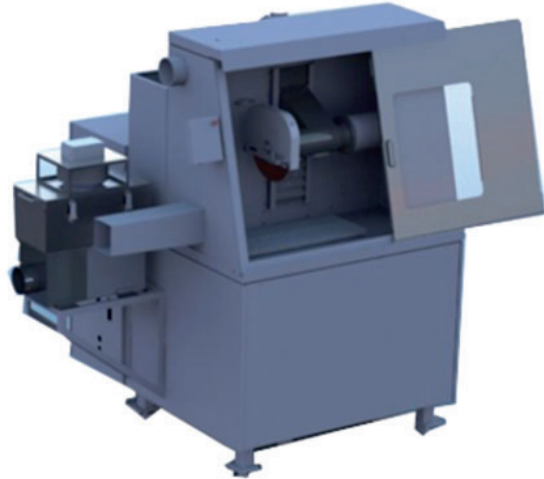




# MCS-12

## SINGLE AXIS ELECTROCHEMICAL CUTOFF MACHINE

The Tridex MCS-12 Single Axis Burr Free Electrochemical (ECG) Cutoff Machine features completely burr-free cutting, virtually eliminating the need for deburring or other corrective secondary operations and reducing scrap. Almost all metals can be cut burr-free with ECG making it an attractive option for cutting medical, aerospace, UHP gas delivery, and chromatography tubing. The MCS-12 is ideal for trim cuts after bending and excels at producing burr-free cuts for small batches.



### KEY FEATURES

- Compact, robust design for superior tolerance and finish.
- Completely burr-free cuts virtually eliminate the need for deburring and other secondary operations.
- Fast, precise cuts.
- Easy setup and operation using color touchscreen HMI.
- Precision linear guides for cutting head axis - no pivot.
- Servo drive ballscrew head motion for accurate repeatable cuts.
- Direct drive spindle motor, no drive belt.
- Standard variable speed spindle.
- Standard canister electrolyte filter
- Standard flow control valve to regulate electrolyte flow.
- All stainless construction including full access stainless splash guard and electrolyte tank.
- All slide components are protected from electrolyte and grit.
- No mechanical adjustments needed.

### SPECIFICATIONS

**Cutting Capacity - Diameter:** Up to 2.5" (63mm)

**Cutting Capacity - Length Min:** tooling dependant

**Cutting Capacity - Length Max:** no maximum

**High Precision Spindle:** Ceramic Bearings and Air Purge

**Control:** Operator pendant color touchscreen

**Fixtures:** Stainless T-Slot table for fixture or vise mouting

**Electrolyte Supply Tank:** 10 Gallon (37 Liter) Stainless Steel

**Safety Standards:** Meets CE and ISO-13849.1

**Spindle Motor:** Standard direct drive AC motor, washdown grade

**Power:** 460V, 3Ph, 60Hz standard. 380V, 50Hz optional.

**DC Power:** 20V, 150A standard.

**Machine Footprint:** 68" x 55" x 75" (173cm x 140cm x 190cm)



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