

Abrasive Cut off Machine

Baincut **Large Auto**

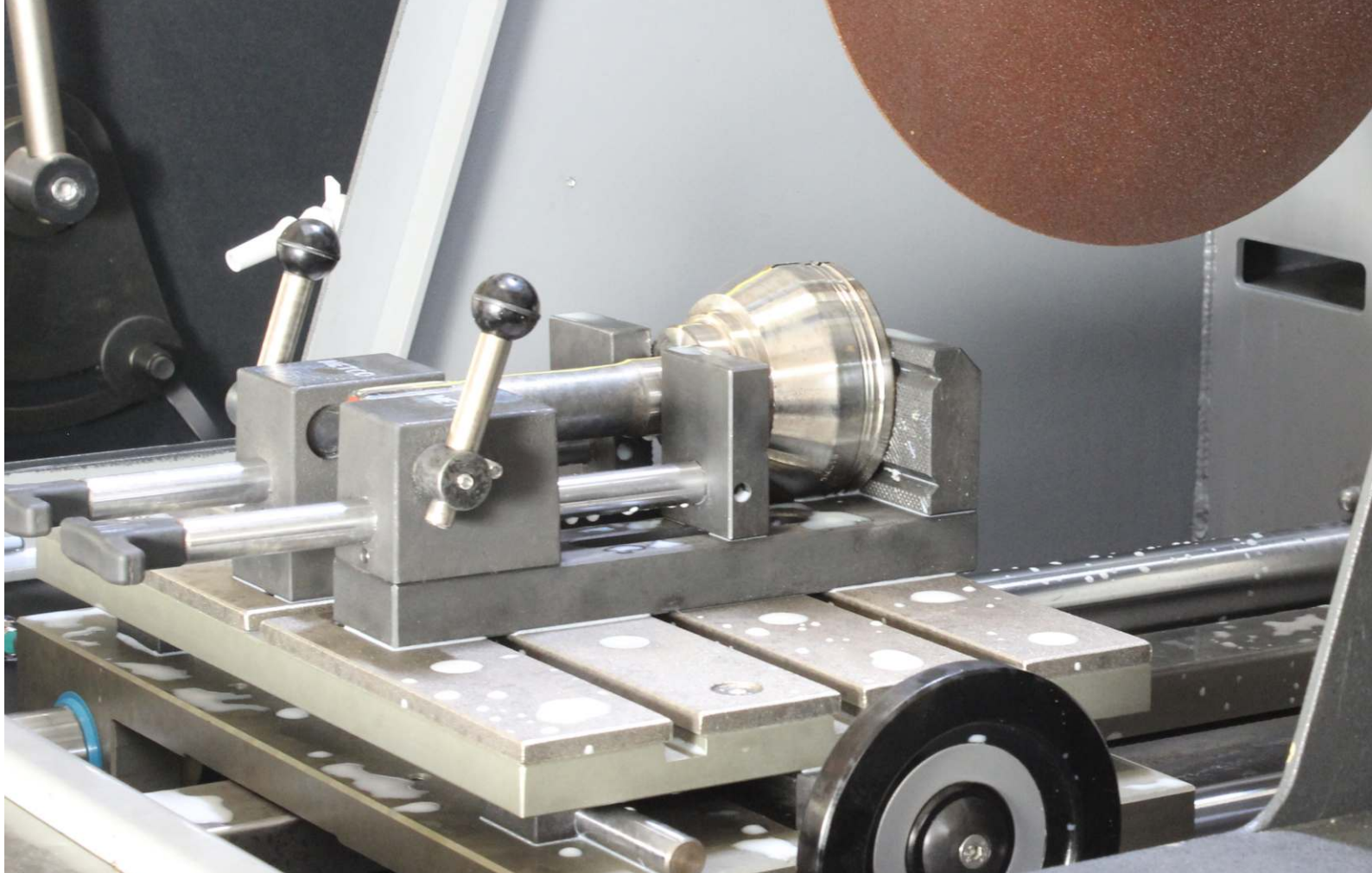
CMLP015A

Advanced PLC based
touch screen system
with pre set programs



**Heavy duty
Cutting Machine**

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Baincut Large Auto

Sturdy floor model cutter for Metallographic sectioning of Metals, Ceramic and Mineral samples. Rust proof Steel construction, Corrosion Resistant Cutting Chamber for a long product lifetime

- Cutting Capacity up to 110 mm dia or 100 x 150 mm for standard steels (may not be applicable to all the materials)
- 7.5 HP (5.5 k.w), 3 Phase Motor
- Spindle speed 2880 rpm
- Cut-off wheel dia 14" (350 mm)



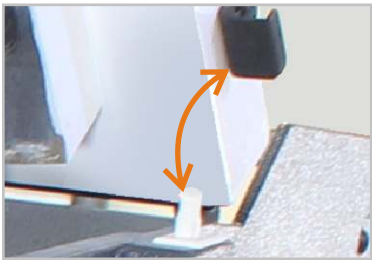
**Advanced Touch
Screen Panel – Cycle
Start, LED Light,
Emergency Stop,
Start Button with Door
Safety Limit Switch
and Pre Set Program**



**Advanced PLC based
touch screen system
With pre set programs**



Movable T-Slot Table



Door safety Switch



**Cut off wheel
cooling systems**

- Ergonomic "Z" Movement Cutting Wheel
- Easy Flow Cutting Chamber with Special Floor Coating
- Cutting action- Automatic " Y "movement (Table) with Servo System
- Variable Feed Rate with Cutting Length
- The machine offers also manual mode for increased flexibility
- Splash proof, corrosion resistant doors see-through hood
- Cooling by three high flow water jets to provide optimum cooling
- Cut Off Wheel Cooling System
- Flash cleaning attachment with hook for mounting
- Powerful LED Light in the working area provides clear illumination
- T Slot Bed: 400mm x 260 mm with 8mm T-Slot
- Screw vise Set
- Y Movement (Longitudinal sectioning)
- Voltage: 415V/50 Hz (R+Y+B+N+E)
- Machine Size: 1040mm x 1600mm x 1800mm (LxDxH)
- Machine Color: Enclosures RAL9003, Base & Stand RAL 7021

Coolant Tank

Coolant Tank with 120 ltrs capacity
65 mm drain for coolant recirculation
0.3 Kw Coolant recirculation pump



Baincut Large Auto

Optional Accessories

- **X-Movement**

Note: This helps to move the specimen and make parallel cut to get a slice

- **Koppel Fixture**

Note: Additional Fixture to hold irregular shaped components

- **Special Fixture**

Note: Fixture that can be designed specifically for your components

- **Twin Cutting**

Note: To cut a slice at one stroke

- **Door Safety Inter Lock System**

Note: Additional Safety Feature where the Door cannot be opened unless the Cutting process is stopped

- **Magnetic Separator**

Note: This helps to separate the dust particles and sends the clean coolant for the recirculation

- **Variable Speed System**

Note: Cutting Wheel RPM can be varied from 1000-3000 RPM

- **Phase Monitoring System**

Note: In the event of failure of one phase, this unit will stop the Machine and protects the motor from overheating and failure

- **Loto Switch & Tag Out**

Note: During Maintenance and Break Downs the Loto Switch can be switched off and locked with the tag key. This prevents from switching on the machine by mistake and avoids damage

Spares

Transmission Belt
Water Proof Illuminator Set
Coolant Jet Assembly

Contact us

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