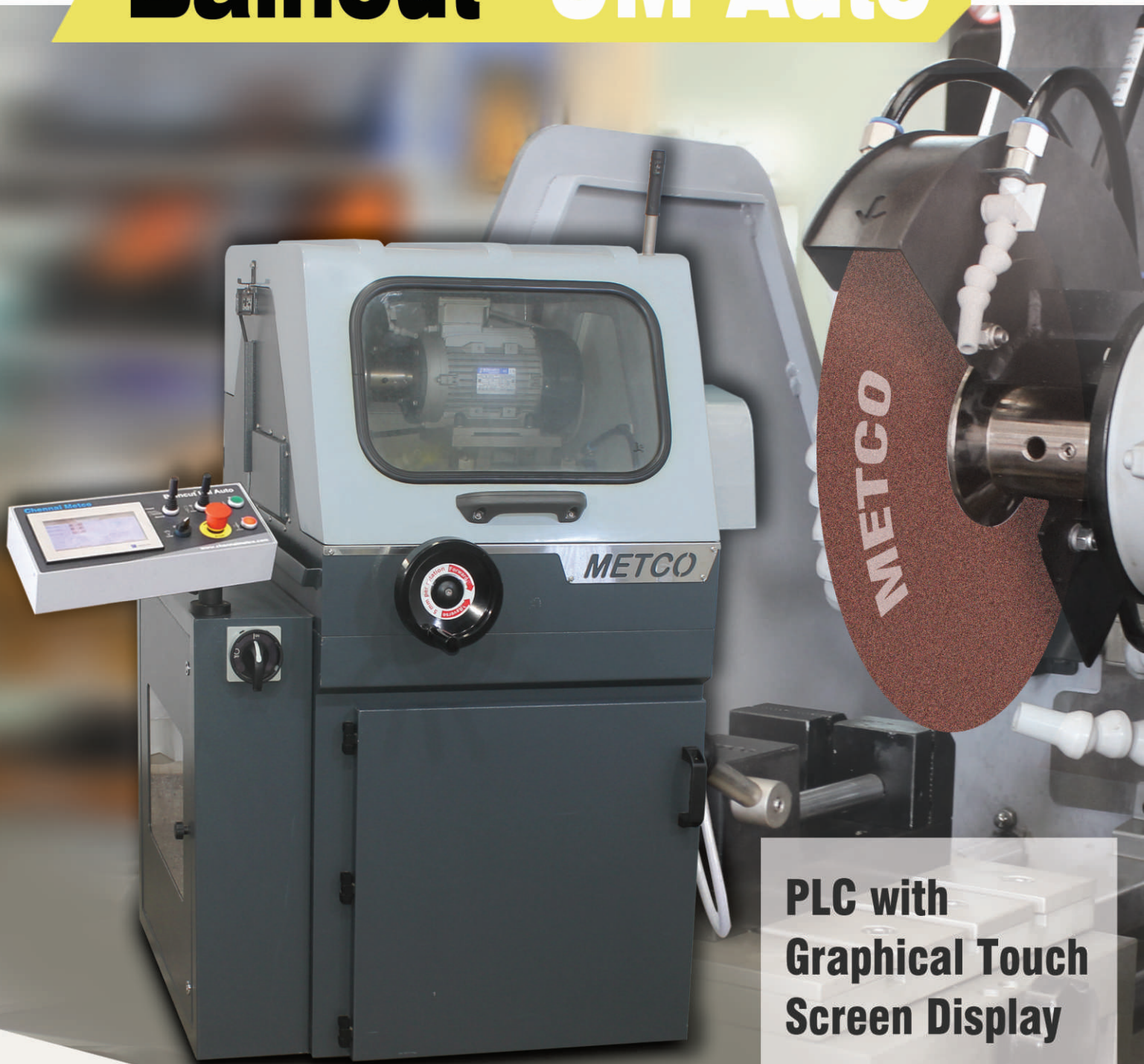


Abrasive Cut Off Machine

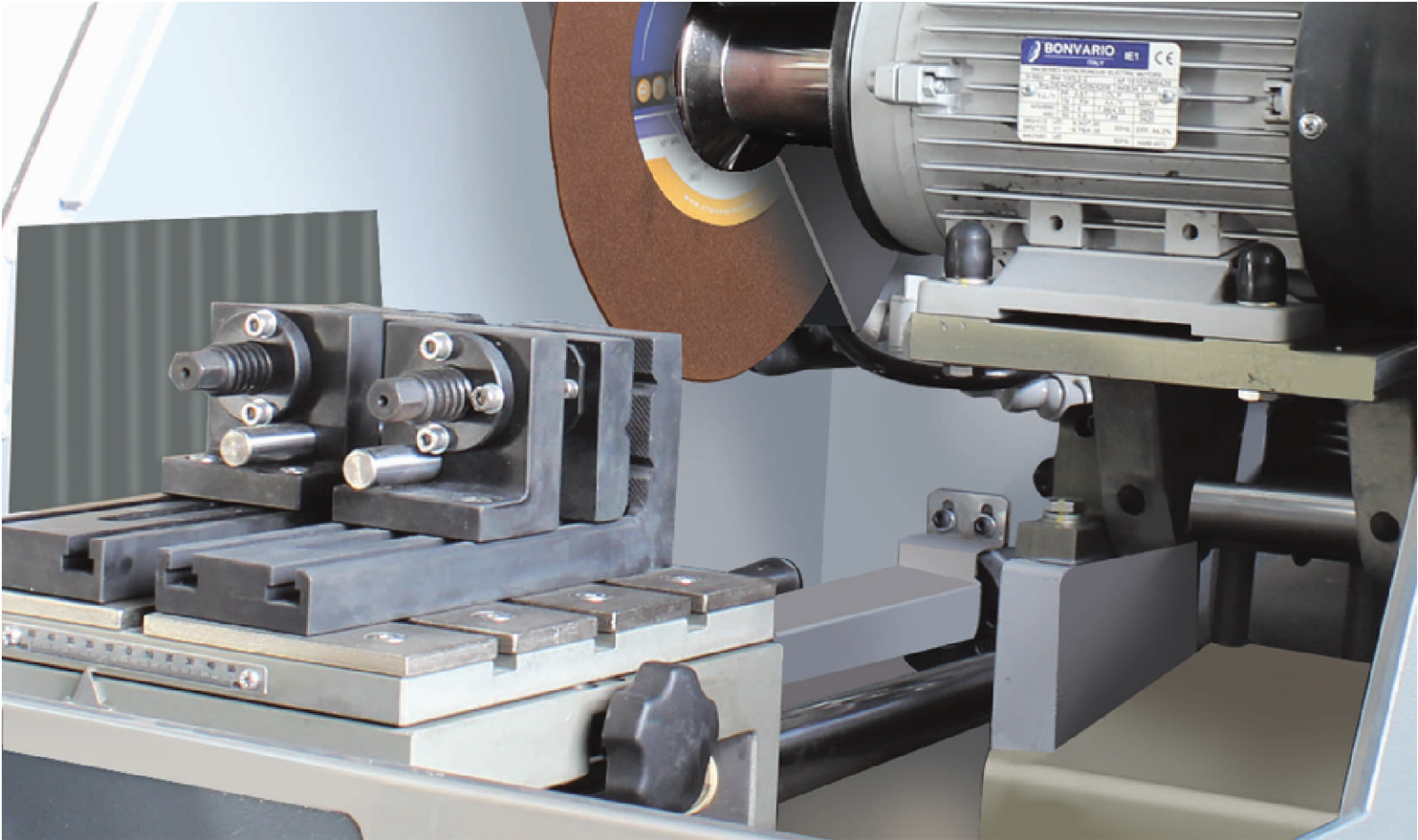
Baincut **UM Auto**



**PLC with
Graphical Touch
Screen Display**

Chennai Metco
for your metallurgy

CMU002A

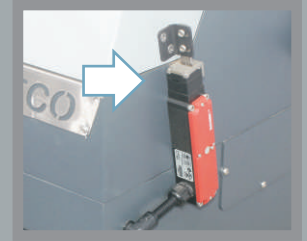


Baincut Upper Medium Auto

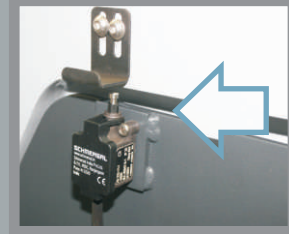
- Cutting action- Automatic “ Y ”movement (Table) with Servo System
- PLC with Graphical Touch Screen Display
- Variable Feed Rate with Cutting Length
- Pre Set Programming & Data Storage upto 25 programmes
- The Machine offers also manual mode for increased flexibility

Baincut Upper Medium Auto

- Sturdy Floor Model cutter for Metallographic sectioning Metals, Ceramic and Mineral samples
- Rust Proof Steel Construction
- Cutting capacity up to 80 mm for standard steels (may not be applicable to all the materials)
- Corrosion Resistant Cutting Chamber for a long product lifetime
- 5HP (3.7 k.w), 3 Phase Motor
- Spindle speed 2800 rpm
- Cut-off Wheel dia 12" (300 mm)
- Advanced Touch Screen Panel – Cycle Start, LED Light, Emergency Stop, Start Button with Door Safety Limit Switch and Pre Set Programme
- Ergonomic Manual Z Movement Handle
- Easy Flow Cutting Chamber with Special Floor Coating
- Cutting action- Automatic “Y” movement (Table) with Servo System
- PLC with 7" Advance Graphical Touch Screen Display
- Variable Feed Rate with Cutting Length
- Pre Set Programming & Data Storage upto 25 programmes
- The Machine offers also manual mode for increased flexibility
- Splash proof, corrosion resistant Door with see-through hood
- Cooling by Four high flow water jets to provide optimum cooling
- One large 65 mm Coolant drain
- Inbuilt movable recirculation coolant tank with (100 ltrs capacity)
- 0.18KW Coolant Recirculation Pump
- Opening in the side wall for sectioning extra long samples
- Flash cleaning attachment with hook for mounting
- Powerful LED light in cutting chamber for clear illumination of Cutting process
- T Slot Bed: 260mm x 260 mm with 8mm T-Slot
- Screw Vise Set
- Voltage: 415V/50 Hz (R+Y+B+N+E)
- Machine Size: 1200mm x 1100mm x 1500mm (LxDxH)
- Machine Color: Enclosures RAL7040, Base & Stand RAL 7016



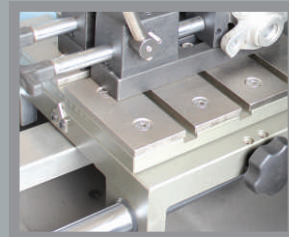
Door safety interlock



Door limit switch



“Z” Movement Stopper



T Slot Bed: 260mm x 260 mm



Opening for lengthy components

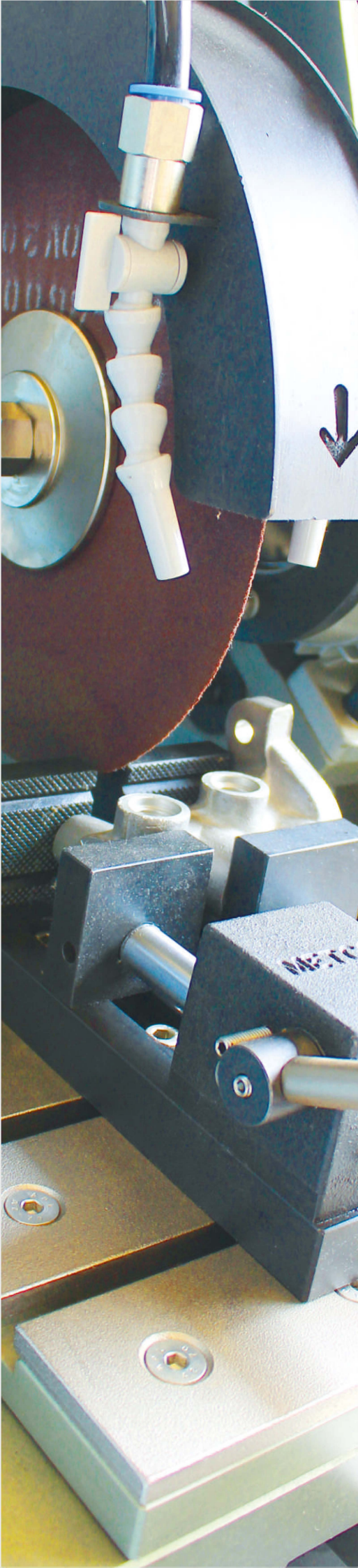


Emergency Stop button

Coolant Tank



**Inbuilt movable
recirculation
coolant tank with
(100 ltrs capacity)**



Optional Accessories

X - Movement (Must be purchased)

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

Koppel Fixture (Indigenous)

Koppel Fixture (Imported)

Additional Fixture to hold irregular shaped components

Twin Cutting

To cut a slice at one stroke

Coolant spillage tray

It helps while cutting extra lengthy samples

Special Fixture

Fixture that can be designed specifically for your components

Brake Motor System

Additional Safety Feature to stop the Motor and the cutting wheel immediately once the Cutting is stopped

Door Safety Inter Lock System

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

Auto Wash

To set the required time and leave the machine to clean automatically , so that you can save operator cleaning time.

Variable Speed System

Cutting Wheel RPM can be varied from 1000-3000 RPM

Loto Switch & Tag Out

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

Phase Monitoring System

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



ООО "Сайнтифик"

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