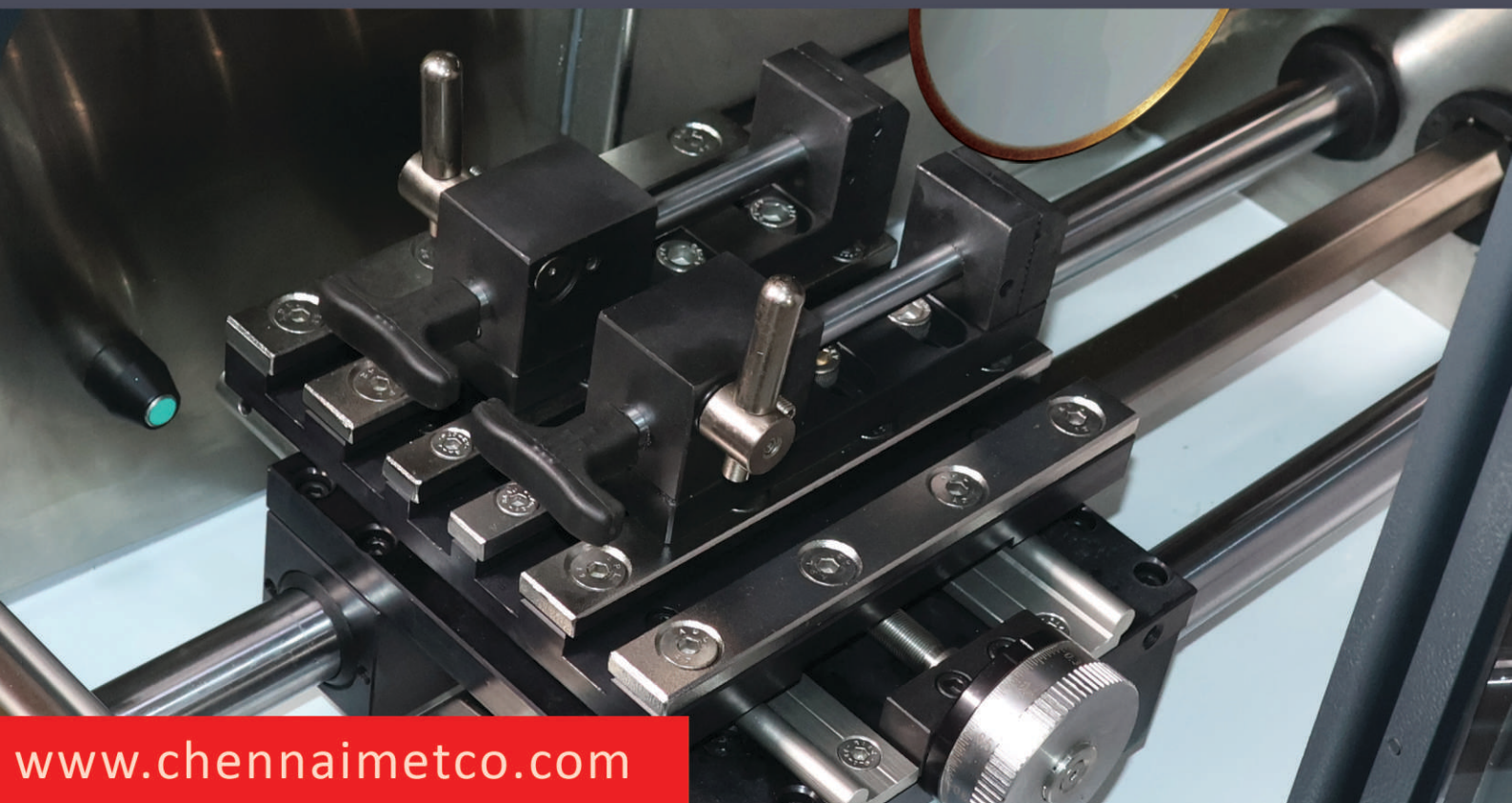




Baincut HSS Plus

Automatic Precision High Speed Saw Plus



The **Precision saw** for cutting all types of materials

with **variable spindle speed**.

Automated Y movement adds to the convenience.

A must for slicing **Surface Engineered** components.

Most preferred by **Research Laboratories**

High precision section saw designed for cutting all types of samples automatically with ease with micron accuracy

Less than 10 micron accuracy

Precision spindle with super alloy steel

Z and Y axis Movement Monitoring System

Fume Exhaust provision (Fume Exhausted – optional)

Sliding Door System with two side opening

Cutting capacity up to 50 mm

Wheel Mounting Shaft OD -12.7/25.4 / 31.75mm

Automatic Cut-Off system

User Friendly for 3 Axis Operation

Cutting Action - Y Movement Automatic (Longitudinal)

40 mm Height Adjustment (Z – Movement) of Diamond wheel / Cut off

Wheel allows of easy compensation for Wheel Wearing

X- Movement facility (Manual) up to 50mm

Large Movable Cutting T - Slot Table 200mm x 193mm

Variable Feed Rates and Cutting Length

Quick positioning rapid movement with Joystick facility

Continuously Variable speed system 100-5000rpm

Advance Large Color graphical Touch Screen

Emergency Stop with Safety Door Interlock System

Wheel should be accommodated Min 4" to Max 8" Dia

2 HP (1.5Kw) 3 Phase Motor

External Recirculation Coolant System(20 liter's tank Capacity)

Intelligent Feed Control for Over Load of the Sample

Pulse Cutting to reduce heat of the hard material Specimen

Auto reverse Facility

Quick and adjustable mini clamping vise

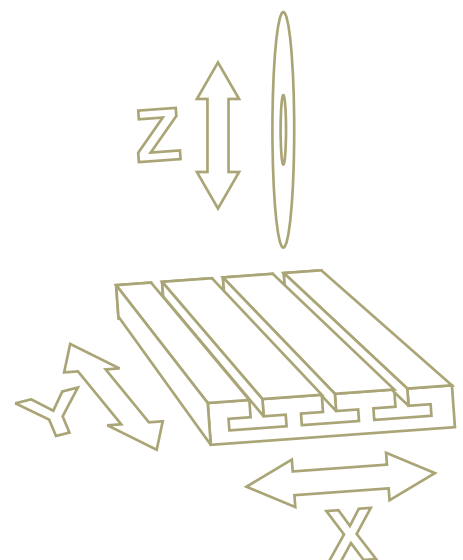
Four different types of Fixtures (mount chuck, Irregular sample, single saddle chuck and double saddle chuck)

CE Compliance

Electrical: 230 V, 50 Hz (1 + N + P E) Option: 110V, 60HZ (L+N+PE)

Machine Size: 1000mm x 890mm x 750mm (LxBxH)

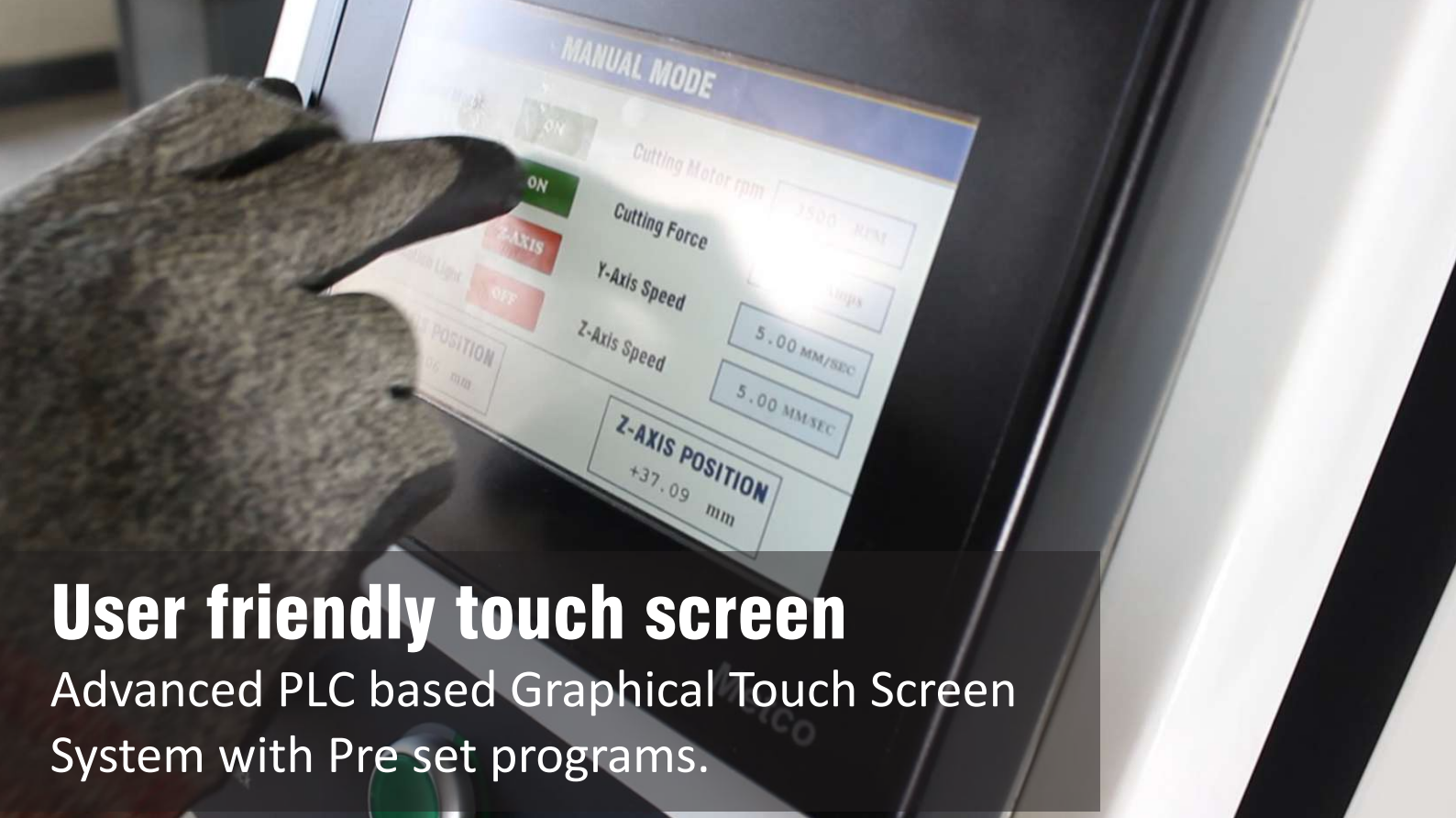
Machine Color: Door, Base RAL 7016, Control panel RAL3002



Three Axis Movements

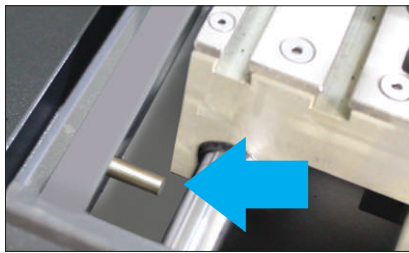


Easy movable Sliding Door System

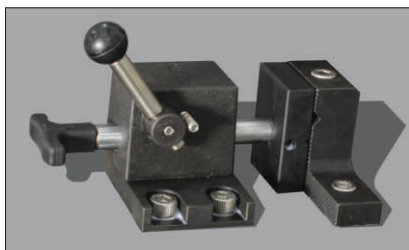


User friendly touch screen

Advanced PLC based Graphical Touch Screen System with Pre set programs.



Auto Reverse cut-off switch



Quick Adjustable Clamping Vise



Door Safety Interlock system

Optional Accessories

Fume Digester

Mini Koppel Fixture

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

Laser Line System : To know in advance the exact cutting area

Serial Cutting Facility up to 50 mm : Serial cutting without Re-positioning which make the multiple cutting for difference thickness & micron accuracies

Position stand with front door

Safety PIC for emergency stop and door interlock mounting

Spares

PLC with HMI

LED Water Proof Lamp

Variable Speed Drive System

Coolant Jet 1/4" - Stainless Steel

Transmission Belt - Y Movement

Transmission Belt - Z Movement

Coolant tank filter bag



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Chennai Metco

C8, Ambattur Industrial Estate, Chennai, India - 600 058.

Cell: +91-98409 05369 / +91- 99400 12402

e-mail: mktg@chennaiametco.com, ramya@chennaiametco.com

www.chennaiametco.com

