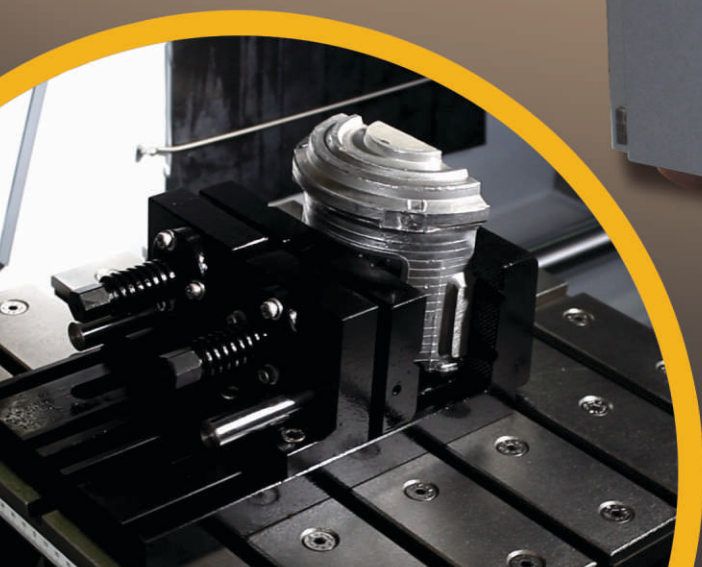



Abrasive Cut Off Machine

Baincut Large Plus

Large Heavy duty Cutting Machine

- Sliding Door
- Three Axis Movement

**Chennai Metco**



Large heavy-duty
cutting machine with
Integral construction.

- Sturdy floor model cutter for Metallographic sectioning
 - Rust proof Steel construction with sliding door system
 - **Cutting Capacity up to 130 mm dia or 130 x Rectangular 120 mm for standard steels**
(may not be applicable to all the materials)
 - Corrosion Resistant Cutting Chamber for a long product lifetime
 - **10 HP (7.5 k.w), 3 Phase Motor**
 - **Spindle speed 1850 rpm**
 - **Cut-off wheel dia 16" (400 mm)**
 - Simple Control Panel with 4 Switches - Cutting, Coolant, LED light, Emergency Stop button with Door Safety Limit Switch
 - Ergonomic "Z" Movement Cutting Wheel
 - Easy Flow Cutting Chamber
 - Splash proof, corrosion resistant see-through hood
 - Cooling by three high flow water jets to provide optimum cooling
 - Cut off wheel cooling systems
 - **Coolant Tank with 120 liters capacity**
 - 65 mm drain for coolant recirculation
 - 0.3 Kw Coolant Recirculation Pump
 - Flash cleaning attachment with hook for mounting
 - Powerful LED light in the working area provides clear illumination
 - **T Slot Bed: 254mm X 355mm X 2 nos with 12mm T-Slot**
 - Cam Vise Set
 - Y Movement (Longitudinal sectioning)
 - Voltage: 415V/50 Hz (R+Y+B+N+E)
 - Machine Size: 1540mm x 1120mm x 1800mm (LxDxH)
 - Machine Color: Enclosures RAL7040, Base & Stand RAL 7016
- X-Movement(cross movement)**
- Note: This helps to move the specimen and make parallel cut to get a slice



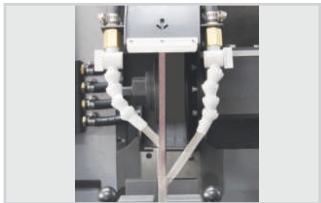
T-Slot Table 254 x 355 mm X 2 nos



Powerful LED Light



Door Safety Inter Lock



Cut off wheel cooling systems



Wash Jet



Emergency Stop

Optional Accessories

- **Koppel Fixture (Indigenous)**
- **Koppel Fixture (Imported)**
Note: Additional Fixture to hold irregular shaped components
- **Special Fixture**
Note: Fixture that can be designed specifically for your components
- **Coolant spillage tray**
Note: It helps while cutting extra lengthy samples
- **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
- **Auto Wash**
To set the required time and leave the machine to clean automatically, So that you can save operator Cleaning time
- **Fume Digestor**
Note: This helps to recirculate the fume caused while cutting into coolant. Gives clear vision on cutting process and also avoid human health hazards
- **DC Braking System**
- Note: If You purchase DC Braking system you must purchase variable speed system

Coolant Tank

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



Baincut Large

© Copyright 2022

ООО "Сайнтифик"

**192019, г. Санкт-Петербург
ул. Профессора Качалова, д.7, оф. 404**

**TEL: 8 800 550 76 90
MAIL: info@sntf.ru**

SNTF.RU

