

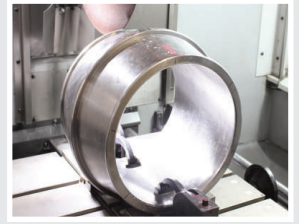
CMXXL018A

BAINCUT **XXXL AUTO**



**HEAVY DUTY ABRASIVE
CUT OFF MACHINE**

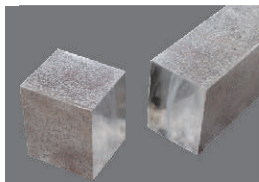
www.chennaimetco.com



Baincut XXXL Auto

Heavy Duty Abrasive Cut Off Machine
Triple Extra Large Auto

There are industrial components that require real extra power for sectioning, here is a machine that can handle big / tough components. Intelligent cutting modes like step cutting, cradle cutting, jump cutting and pulse mode used for easy sectioning.



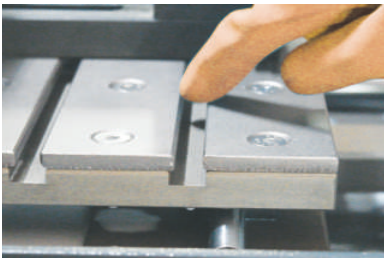
Heavy Duty Abrasive Cut Off Machine - Triple Extra Large Auto



Advanced plc based touch screen system
With pre set programs



Fume Digester



Movable T-Slot Table



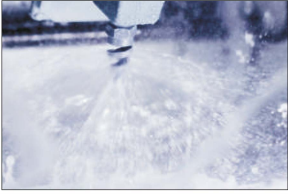
Door safety interlock



Cut off wheel cooling systems

- Sturdy floor model cutting for sectioning Cutting Capacity up to 200 mm dia for standard steels,(may not be applicable to all the materials)
- Corrosion Resistant Cutting Chamber for a long product lifetime
- 40 HP (30 k.w), 3 Phase Ac Motor
- **Variable Speed 1000 - 3000 rpm**
- Spindle speed 1000 - 3000 rpm
- Heavy Duty Steel construction
- Cut-off wheel dia 20" (500 mm) - 24" (600 mm)
- Simple Control Panel –Start, Stop, Reset, Cutting, Coolant, LED Light and Emergency Stop button with Door Safety Limit Switch
- Easy Flow Cutting Chamber with Special Floor Coating
- **Cutting action automatic - 'Y' Movement and "Z' Movement with Servo Control**
- Variable Feed rates with Cutting Length and Pre set programme
- **PLC with Advance Graphical Touch Screen Display**
- **The Machine offers manual mode also for increased flexibility**
- Splash proof, corrosion resistant Doors with see-through System
- Cooling by Multiple high flow Coolant jets (4 numbers) to provide optimum cooling
- Cut off wheel cooling system
- Coolant Tank with 300 ltrs capacity
- 2.2 Kw High Pressure system with Coolant Re circulation Pump and paper band filter system
- One large drains for draining the coolant with Magnate Separator
- Flash cleaning attachment with hook for mounting
- Powerful LED light in the working area provides Safe & clear illumination
- LED Focus lamp for Cutting area
- Screw Vice Set
- T Slot Bed: 600mm x 600mm with 12mm T-Slot
- X Movement – 40 mm **(This helps to move the specimen and make parallel cut to get a slice)**
- Y Movement Longitudinal Sectioning – 250 mm, Includes additional flange set dia 125mm
- Magnetic Separator cum paper band filter system
- Door Safety Interlock System

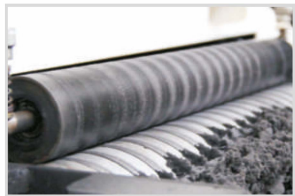
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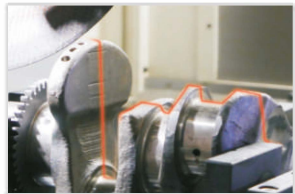
Auto Wash



Manual Clening System



Magnetic Separator



Laser Line Marking System

- Bed Wash
- Auto Wash
- Fume Digester

Note: This helps to recirculate the fume caused while cutting into coolant. Gives clear vision on cutting process and also avoid human health hazards

- 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

- Phase monitoring system
- Tower lamp for Cutting machine Status
- Laser line marking system
- Voltage: 415V/50 Hz (R+Y+B+N+E)
- Machine Size: 2300mm x 2250mm x 2400mm (L x D x H)
- Machine Color: Enclosures RAL9003, Base & Stand RAL 7021

Optional Accessories

- Top Loading System

Note: This would help the user to lift the heavy weighted sample to the Cutting bed. Maximum lifting weight 125 Kgs

- Koppel Fixture

Note: Additional Fixture to hold irregular shaped components

- Koppel Fixture Height Adjustment Block

Note: Height Adjuster for the Koppel Fixture to additional 60 mm for different diametrical components



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