

Metacut-A250 Automatic Cut Off Machine



Specification

- Cut of Wheel: Ø 250mm
- Cutting Capacity: Ø 90mm or 65mm x 130mm
- Chop cutting: automatic
- Pulse Cutting: automatic
- Wheel speed: 2800 rpm
- T-slotted table: 210mm x 210mm
- Motor Power: 4 HP
- Cooling unit: 80 litres
- Air supply: 6 bar
- Size: 74cm x 68cm x 52cm
- Weight: 90 kg.
- Electrical: 380-3-50

METACUT-A250 is an automatic cut off machine, designed for wet cutting of large and small, regularly or irregularly shaped metallic, ceramic or composite materials. It is microprocessor controlled, hydro-pneumatic drive system, adjustable feed rate, adjustable cutting force. It incorporates chop cutting and pulse cutting.

It has a cutting capacity of 90mm. The side access port permits the sectioning of extra-long workpieces.

The machine is equipped with a powerful motor, driving the cut-off wheel towards the workpiece. The bottom part of the machine is a large robust alloy base casting. The cutting table is provided with T slots increasing the versatility so that different clamping sets can be mounted. The quick clamping devices are removable to permit the installation of conventional clamping tools to hold down larger samples.

The complete system is enclosed in a protective hood with a large shatter proof window to observe the cutting process. METACUT has the highest safety standards. The interlocking safety device does not allow the motor to be started unless the hood is closed. The hood can not be opened before the motor is stopped. The electronic brake system brings the cutter to a quick, full stop in seconds.

A closed loop recirculating cooling unit is standard. The cutting surface is cooled by spray nozzles on both the cutting wheel and specimen.

Supplied without clamping device.

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