

## Servocut AA500 Automatic Cut Off Machine



### Specification

- Cut of Wheel: Ø 450 / 500mm
- Cutting Capacity: Ø 160 /180mm or 90mm x 305mm
- Chop cutting: automatic
- Table feed cutting: automatic
- Wheel speed: 1700 rpm
- Feedbed travel axis: 370mm
- T-slotted table: 640mm x 485mm
- Motor Power: 15 HP
- Cooling unit: 120 litres
- Auto feed adjustment: 0.1-5mm/ sec
- Pulse cutting: yes
- Integrated feed path measurement: yes
- Size: 140cm x 123cm x 168cm
- Weight: 710 kg
- Electrical: 380-3-50

SERVOCUT AA500 is a large size, floor mounted, microprocessor controlled cut off machine, with automatic chop cutting and automatic table feed systems. It has digital positioning of the specimen in X, Y and Z axis with accuracy of 2 microns (X axis optional). It has cutting capacity of 160/180mm with cut off wheel diameter of 450/500mm. The cutting force and the cutting feed rate can be selected from the front touch pad.

SERVOCUT consists of a cast aluminium base on which the motor and the working space are provided in the form of two separate housings. A large window and sealed 12V lamp in the cutting chamber allow precise observation of the cutting process. A large slotted feed table can accommodate a variety of different clamping devices. The feed table provides a long travel depth making it ideal for cutting long or deep samples in a single pass. Cooling water recirculation is standard – 2 water jets located on both sides of the cut off wheel and 2 jet sprays towards the specimen. Supplied without clamping device.

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