

Servocut 501 Automatic Cut Off Machine



Specification

- 5.7+HMI Touch Screen
- Cut of Wheel: Ø 450 / 500mm
- Cutting Capacity: Ø 155 /180mm or 100mm x 365mm
- Chop cutting: automatic
- Table feed cutting: automatic
- Wheel speed: 1950 rpm
- Feedbed travel axis: 360mm
- T-slotted table: 722mm x 484mm
- Motor Power: 15 HP
- Cooling unit: 110 litres
- Auto feed adjustment: 0.1-5mm/ sec
- Pulse cutting: yes
- Integrated feed path measurement: yes
- Size: 140cm x 120cm x 167cm
- Weight: 1100 kg
- Electrical: 400-3-50
- Comes with an assortment of 20 cut off wheels with 450 mm dia., and 5 Litres of Colling Fluid

SERVOCUT 501 is an advanced universal metallographic cutting machine used to cut a very wide range of materials. It is a large size, floor mounted, microprocessor controlled 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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