

C298

Specimen grinding machine

STANDARDS: EN 12390-3 / ASTM D4543 / UNI 6132

Designed to grind and polish cubic and cylindrical specimens of concrete, rocks, natural stones etc. having 350 mm. as max height. The specimens are fixed to the table by proper bolts, ensuring perfect coupling and blocking. The revolving abrasive head is radially and alternatively moved in both direction through an electric motor actuated by a push button.

The vertical movement of the grinding head has an accuracy of 0,05 mm.

The grinding machine is supplied complete with a collecting and water decantation tank, a motorpump, a large protection waterproof carter, eight abrasive charges. Supplied "without" locking stirrups and diamond grinding sectors to be ordered separately (see accessories).



C298 / C299

- Working base surface: 775x280 mm
- Grinding wheel: 330 mm. dia.
- Vertical span width: min. 70 mm max. 350 mm
- Power supply: 400V 3ph 50 Hz 4500 W
- Dimensions: 1220x1080x(h)1730 mm
- Weight: 410 kg

C299

Automatic grinding machine

Same to mod. C298, but the radial movement of the head is equipped with end of stroke system, granting the fully automatic displacement in both directions without activating the electric push button.

ACCESSORY:

C300-02 DIAMOND GRINDING SECTOR (required quantity: 8 pieces), "particularly recommended" because of their long duration and good grinding action.

Additional accessories listed in Section "C" Concrete pag. 279

C300-08

Core face preparation device

Used in conjunction with the Grinding Machine, it prepares parallel and flat core faces of rock samples. The device accepts up to 4 core samples from 20 to 55 mm dia.

and can be mounted on most grinding machines. Weight: 7 kg approx.



C300-08

A130

Slake durability apparatus

STANDARD: ASTM D4644

This equipment has been developed to assess the durability of rock to weakening and disintegration when subjected to the simulated effects of climatic slaking.

The rock samples are dried and then submitted to wear stress inside a drum which is rotated into water.

The test is performed different times and the wear is given by the loss in weight of the sample.

The system incorporates a motor drive unit mounted on a baseplate which revolves two (or up to four) stainless steel drums manufactured from 2 mm mesh, 140 mm dia. x 100 mm long. The tanks are filled with water to a level 20 mm below the drum axis. A digital timer automatically stops the motor after the preset time.

The equipment is supplied complete with two drums with tanks, and it can accept two additional drums (see accessory).

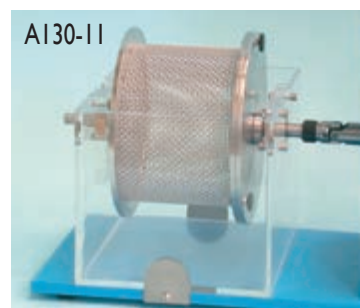
Power supply: 230V 1ph 50Hz 250W

Dimensions: 350x740x300 mm approx.

Weight : 30 kg approx.



A130



A130-11

ACCESSORY:

A130-11 MESH DRUM, complete with tank, base and accessories, to be connected to A130 unit.

