



SPLITTING MACHINE

LABORATORY SPLITTING MACHINE FOR THE PREPARATION OF TEST SAMPLES STARTING FROM FINISHED RUBBER PRODUCTS

STANDARDS: ASTM D1056; ASTM D3183; EN 60811-1-1; IEC 60811-1-1; ISO 23529;

NOTE: COMPLIANCE WITH SOME STANDARDS MAY REQUIRE OPTIONAL ACCESSORIES OR SETUPS.



The machine permits to produce samples with customer defined thickness starting from finished products.

The part to be cut is inserted between the motor-driven feed steel rollers and a lubricated-motor-controlled belt blade splits the part horizontally. The machine has been specifically developed to ensure the preparation of samples with accurate thickness control and smooth surface finishing while splitting rubber or thermoplastic products with

hardness between 30 and 75 Shore A.

Key Features

- Maximum working width 300 mm
- Adjustable cutting thickness (between 0.5 and 8 mm)
- Control panel with digital indication of the set cutting thickness with 0.01 mm resolution
- Upper and lower motor driven steel feed rollers with adjustable speed (0.9 / 1.8 / 2.8 m/min)
- Sharpening device with micrometric drive

- Integrated lubrication of both the upper and lower surface of the blade
- Manual micrometric knife positioning and compensation for knife consumption
- Optical group to control the chamfer position and symmetry
- CE Labelling

Accessories

- Removable aspiration unit.
- Lubricating liquid.

Working width: 300 mm

Minimum cutting thickness: 0.5

Maximum cutting thickness: 8 mm

Sharpening system: Sharpening device with micrometric drive integrated in the machine

Adjustment of cutting thickness: Digital display with 0.01 mm resolution

Feed: Manual feed speed selection: 0.9, 1.8, 2.8 m/min

Aspiration Unit (optional): Removable aspiration unit. Power 250 W

Lubrication Unit: Automatic lubrication unit with lubrication tank

