

UNIVERSAL EXTRUDERS

STANDARDS: ASTM D698, D1587, D1883 / BS 598:107, 1377:4, 1924:2

section S



354

S111

Motorised hydraulic extruder

Used for a smooth and rapid extrusion of soil samples from tubes also of thin walls with minimum disturbance. The unit extrudes samples from dia. 35 up to 150 mm (external dia. 160 mm) with max. stroke of 900 mm.

The hydraulic piston is equipped of speed adjuster and can be stopped in any excursion's position.

Max. load: 70 kN (7000 kg)

The extruded sample is held in place by a receiving table adjustable in height and easily lowered along side the machine to save space.

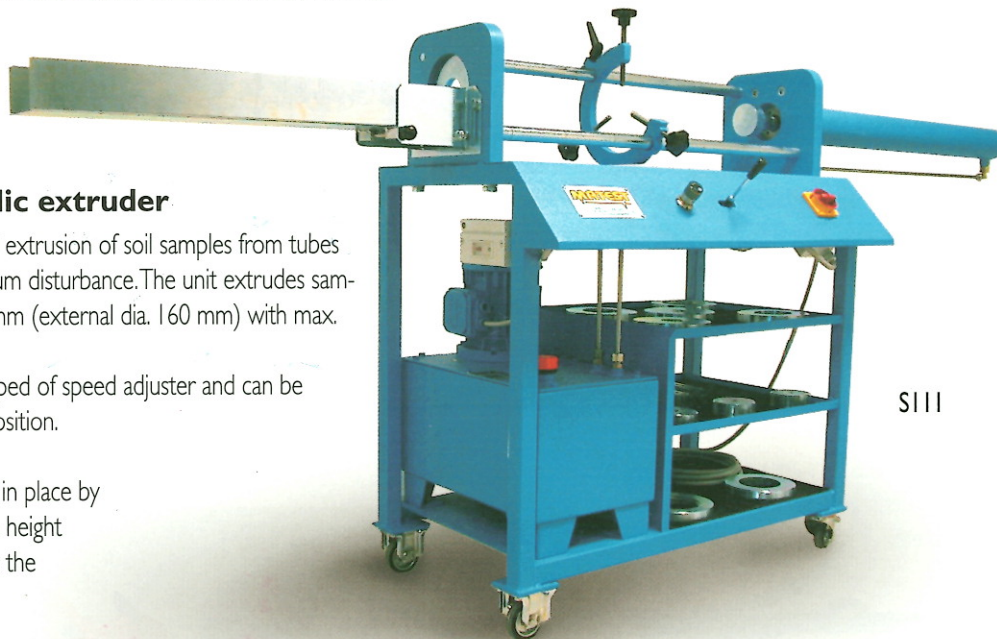
Complete with adaptors

(ring + tamper) to extrude samples having dia. 38,1 (1 1/2"), 83, 100 mm.

Power supply: 230V 1 ph 50Hz 1300W

Dimensions (working position): 2741 x 635 xh 1200 mm

Weight: 160 kg



S111

S114

Universal extruder

Used to extrude samples having dia. 4", 6", 100 mm, 150 mm. It can therefore extrude CBR, Marshall and Proctor specimens.

The extruder is actuated by a 50 kN hydraulic jack, having ram travel of 190 mm + 170 mm screw.

Supplied complete with adaptors

Dimensions: dia. 300x500 mm

Weight: 30 kg



S114

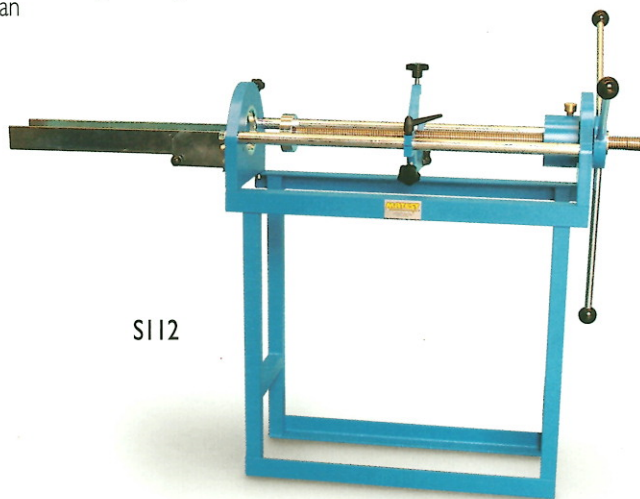
S112

Screw extruder - hand operated

The unit extrudes samples from dia. 35 to 101,6 mm with max. stroke of 650 mm. Supplied complete with adaptors to extrude samples having dia. 38,1 (1 1/2"), 83, 100 mm, supporting bench, sample receiving table both adjustable in height and lowerable.

Dimensions: 1700x700x1200 mm

Weight: 90 kg



S112

ADAPTORS (ring and tamper) for S111 and S112 Extruders:

- S113-10** Dia. 38,1 mm (1 1/2") (spare)
- S113-11** Dia. 50,8 mm (2")
- S113-12** Dia. 76,2 mm (3")
- S113-13** Dia. 101,6 mm (4")
- S113-14** Dia. 83 mm (spare)
- S113-15** Dia. 100 mm (spare)
- S113-16** Dia. 35 mm
- S113-17** Dia. 150 mm (only for mod. S111)

MATEST