



# Automatic Soil Compactor

BS CE compliant

- With NEW CE compliant guarding as an extra safety measure for users
- Five models meeting requirements of BS/EN and ASTM available
- Complies to BS 1377-4, BS 1924-2, EN 13286-2, EN 13286-47, ASTM D558, ASTM D698, ASTM D1557, AASHTO T99, AASHTO T134, AASHTO T180
- Automatic re-setting of counter after completion of blow pattern

# Automatic Soil Compactor

The time and effort required to prepare specimens for compaction studies and other test methods can often be costly and time-consuming. The use of an automatic, mechanical compactor will show considerable cost benefits over hand compaction methods.

These machines automatically compact specimens, eliminating the laborious hand compaction method. The height and weight of the rammer are adjustable to suit test requirements.

An automatic blow pattern ensures optimum compaction for each layer of soil in compliance with the standards. The rammer travels across the mould and the table rotates the mould in equal steps on a base that is extremely stable. The number of blows per layer can be set at the beginning of the test.

A preset blow pattern ensures an even compaction and includes solid state controls for reliability and maintenance.

An automatic digital counter resets to zero on completion of a test. The selectable rammer has a drop height of 300-450 mm and a selectable rammer weight of 2.5 or 4.5 kg. A preset number of blows per layer can be set by thumb wheel control with a compaction rate of approximately 26 blows per minute. Accepts BS Standard compaction and CBR moulds.

## Specification

Standards	BS 1377-4, BS 1924-2, EN 13286-2, EN 13286-47, ASTM D558, ASTM D698, ASTM D1557, AASHTO T99, AASHTO T134, AASHTO T180
Rammer BS/EN	Circular faced, 50 mm dia, selectable to 2.5 kg or 4.5 kg weight
Rammer ASTM	Circular faced, 2 inch (50.8 mm) dia, selectable to 5.5 lb (2.5 kg) or 10 lb (4.5 kg) weight
Drop BS/EN	Adjustable to 300 mm or 450 mm
Drop ASTM	Adjustable to 12 inch (305 mm) or 18 in (457 mm)
Weight kg	165

Product code	Standard	Voltage
24-8080/01	BS/EN	220-240 V, 50 Hz, 1 ph
24-8080/06	BS/EN	220-240 V, 60 Hz, 1ph
24-8085/01	ASTM	220-240 V, 50 Hz, 1 ph
24-8085/02	ASTM	110-120 V, 60 Hz, 1 ph
24-8085/06	ASTM	220-240 V, 60 Hz, 1ph