

Pavement Core Drilling Machine (Petrol)

Make: LabTek

Model: SUN-BT-003

Origin: India

Standards: EN 12697-27

The Pavement core drilling machine is produced to cut cores up to 200 mm diameter from concrete, asphalt and similar hard construction materials. The machine comprises a vertical support column which carries the drill head/motor assembly. The motor assembly comprises a 6.5 Hp 4 stroke high quality petrol engine. A ball screw mechanism enables close control of the drilling pressure and rapid return. A water spraying assembly is mounted on the machine. The complete assembly is supplied on a rigid wheel mounted metal base frame with leveling and fixing facility during the operation. Coring Bits should be ordered separately.

SUN-BT-003/65 Pavement Core Drilling Machine, 6.5 Hp

SUN-BT-003/125 Pavement Core Drilling Machine, 12.5 Hp

SUN-BT-003/50 Coring Bit for Asphalt 50 mm dia. x 400 mm length

SUN-BT-003/75 Coring Bit for Asphalt 75 mm dia. x 400 mm length

SUN-BT-003/100 Coring Bit for Asphalt 100 mm dia. x 400 mm length

SUN-BT-003/150 Coring Bit for Asphalt 150 mm dia. x 400 mm length



Dimension approx, are as under:

Height : 1300 mm

Base : 625 x 900 mm

Head travel on rack : 500mm

Drill speeds : 900 R.P.M. for soft samples and 350

R.P.M. for hard Samples

Water swivel : Built in the machines.

Accessories :

(1) Thin wall diamond bits.

(2) Core barrel.

(3) Petrol engine 190 cc



Core Drilling Machine (Motorised)

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The core drill includes drill motor, base, column, carriage, control panel, friction clutch, motor mount plate, rack, gear-box, out setting water swivel seal, hydraulic system. Optional parts include water pump, rod for ceiling jack, water container, adapters. Core Drill is designed for diamond core drilling. This drill will cut up to 8-inch holes in reinforced concrete, brick, stone, rock, ceramic, and fireproof materials. Drill features safety clutch and overload protection. The core drill is equipped with a personal protection switch and drill Stand.

Application:

The Core Drill is the industry standard, designed for concrete, reinforced concrete, Asphalt and brick in construction.

Features:

Compact size with light weight as well as safety in operation

The drills are equipped with a friction clutch as well as over load current protection for protecting motor

High-strength gear to keep the drill working long hours constantly

Excellent speed, smooth and stability during drilling

Out setting water swivel seal facilitate making replacement when the seal worn out

Bits capacity: 25mm Dia – 150mm Dia

Specification:

Rated Voltage: ~220 V / 50Hz

Power Input: 2800W

No-Load Speed: 840rpm

Max. bit diameter: Ø50mm/100mm/150mm

Shaft Male: 1 1/4"UNC

