



UNIVERSE

PAVEMENT CORE DRILLING MACHINE AZA0962

The AZA0962 Pavement Core Drilling Machine is a heavy-duty, high-performance system designed for extracting accurate cylindrical core samples from asphalt, concrete, and reinforced concrete pavements.

It is an essential tool for pavement evaluation, quality control, and forensic investigation, widely used by highway authorities, airport maintenance teams, contractors, and material testing laboratories. The extracted core samples provide critical data for assessing structural integrity, layer thickness, density, and material properties.

Key Functional Features

- Heavy-Duty Structural Frame

Rigid steel construction for vibration-free operation

Ensures accurate vertical drilling

- Diamond Core Bit Compatibility

Suitable for:

1. Asphalt
2. Concrete
3. Reinforced concrete (RCC)





UNIVERSE

- Multiple Power Configurations

Petrol / Diesel engine (field use)

Electric motor (laboratory/site use)

- Controlled Feed Mechanism

Manual screw feed (standard)

Hydraulic feed (optional)

- Enables precise control over drilling pressure

Integrated Water Cooling System

Improves drilling efficiency

Enhances core quality

Extends bit life

- Portable & Field-Ready Design

Trolley-mounted for easy mobility

Suitable for on-site operations

Accessories (Typical)

- Diamond core bits (various diameters)
- Water supply hose and connectors
- Spanner/tool kit
- Optional: core extractor, calibration tools



UNIVERSE

TECHNICAL SPECIFICATION

Parameter	Specification
Product Type	Pavement Core Drilling Machine
Drilling Method	Rotary diamond coring
Applicable Materials	Asphalt, Concrete, RCC
Core Diameter Range	25 mm – 150 mm
Maximum Drilling Depth	300 / 500 / 750 mm (model dependent)
Power Options	Petrol / Diesel Engine / Electric Motor
Engine Power	5.0 HP / 6.5 HP / 9.0 HP
Electric Motor	2 HP / 3 HP / 5 HP, 230V AC, 50 Hz
Feed System	Manual screw feed (Hydraulic optional)
Cooling System	External water supply with swivel connection
Mounting	Heavy-duty trolley / rigid frame
Operation	Manual control
Compliance	IRC, MoRTH, ASTM C42/C42M