



## UNIVERSE CORE CUTTING/CORE DRILLING MACHINE (PETROL) AZA0994

The AZA0994 Core Cutting / Core Drilling Machine (Petrol) is a high-performance, portable drilling system designed for the extraction of cylindrical core samples from concrete, asphalt, rock, and other hard construction materials.

Powered by a self-contained petrol engine, the machine offers complete operational independence, making it ideal for remote sites and field applications where electrical power is unavailable. It ensures accurate, clean, and intact core samples, essential for material testing and structural evaluation.

### Key Functional Features

- Petrol-powered engine – ideal for remote and site applications
- Heavy-duty vertical column with rack & pinion feed system
- Built-in water swivel system for wet drilling
- Adjustable drilling speed for different material hardness
- Rigid base with leveling screws for stability
- Fitted with wheels for easy mobility
- Compatible with a wide range of diamond core bits
- Designed for accurate and perpendicular core extraction

### Standards Compliance

- Suitable for sample preparation aligned with:
- ASTM C39 – Compressive Strength of Concrete Cylinders
- AASHTO T22 – Compressive Strength (Transportation Materials)





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**TECHNICAL SPECIFICATION**

<b>Parameter</b>	<b>Specification</b>
Model No.	AZA0994
Power Source	Petrol Engine (Approx. 5 – 6.5 HP)
Core Diameter Capacity	Up to 150 mm (6 inches)
Head Travel	Approx. 500 mm
Drill Speeds	Multi-speed (e.g., ~350 – 900 RPM)
Base Dimensions	Approx. 625 × 900 mm
Overall Height	Approx. 1300 mm
Cooling System	Built-in Water Swivel
Mobility	Wheels Mounted Base
Approx. Weight	85 – 100 kg

**Standard Supply**

- Core Drilling Machine Unit with Petrol Engine
- Vertical Column & Feed Mechanism
- Base Frame with Wheels
- Water Swivel System
- Clamping and Support Accessories