



## UNIVERSE LABORATORY PAN MIXER (CAPACITY 40 LTRS) AZA1117

The AZA1117 Laboratory Pan Mixer (40 Litres) is a high-performance, gear-driven mixing system designed for precise, uniform, and repeatable mixing of concrete, mortar, and cement paste in controlled laboratory environments. It is ideally suited for material testing laboratories, research institutions, RMC facilities, and academic applications where mix consistency and reproducibility are critical.

Featuring a heavy-duty steel pan, planetary mixing action, and adjustable blades, the AZA1117 ensures superior homogeneity, even when working with coarse aggregates up to 20 mm. Its robust 2 HP motor and 3-phase drive provide reliable power for continuous and demanding laboratory operations.



### Key Features

- Optimized 40-Litre Capacity – Ideal for cube and specimen preparation
- Planetary Mixing Action – Ensures uniform and thorough blending
- Handles Aggregates up to 20 mm – Suitable for concrete and mortar mixes
- Heavy-Duty Motor – 2 HP, 960 RPM for consistent performance
- Adjustable Mixing Blades – Ensures efficient dry and wet mixing
- Gear-Driven Mechanism – Provides stable, high-quality mixing results
- Portable Design – Equipped with wheels for easy movement



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**TECHNICAL SPECIFICATIONS**

<b>Feature</b>	<b>Specification</b>
Model	AZA1117
Mixing Capacity	40 Litres
Aggregate Size	Up to 20 mm
Motor Rating	2 HP
Motor Speed	960 RPM
Operation	3-Phase (optional single-phase available)
Mixing Type	Gear-driven planetary mixing
Pan Material	Powder-coated steel / optional SS lining
Blades	Adjustable and replaceable steel
Discharge	Manual tilt / optional motorized
Safety Features	Guard cover, emergency stop
Mounting	Wheel-mounted for portability
Power Supply	440 V AC / 50 Hz