

Q55

Qucev Q55 Electric Transit Mixer

INDIA'S 1ST ELECTRIC TRANSIT MIXER

Built for India. Built to Lead

Zero emissions, Maximum performance.
Powering a sustainable tomorrow.



7 m³

Filling Capacity



240 kW DC CCS2

Charging in 1 hour



192.5 kWh

Battery Capacity



BYD's Patented

Blade Battery Super Safe



TECHNICAL SPECIFICATION

VEHICLE SPECIFICATION

Dimensions	
Length x Width x Height	9027 x 2550 x 3807 mm
Wheel base (front + rear)	3900 + 1400 mm
Curb Weight	4.39 m ³
GVW	28 Ton

Performance	
Top Speed	80 km/h
Range	3900 + 1400 mm
Turning Radius	≤9000 mm
Gradeability	≥30 %

Chassis	
Suspension	Front -leaf spring / Rear-Bogie suspension
Brakes	Front - Disc, Rear - Drum
Tyres	295/80 R22.5

Powertrain	
Motor Type	Permanent Magnet Synchronous Motor
Max Power	370/250 kW
Max Torque	2500 Nm
Battery Type	BYD's Patented Blade Battery (Lithium Iron Phosphate)
Battery Capacity	192.5 kWh
Charging Power	240 kW DC CCS2

 **LONG LASTING**
Patented Blade Battery

 **EMISSION REDUCTION**
0 emission, environment friendly, decrease CO2 emissions up to 70 tons per year

DRUM SPECIFICATION

Truck Mixer	
Nominal Filling Capacity	7,000 (7) Litre (m ³)
Water Line Volume	8,250 Litre
Filling Ratio	55%
Drum Speed	0 - 14 rpm
Total Length of Mixer	6144 mm
Width of Mixer	2400 mm
Height of Feed Hopper from Ground	2643 mm
Water Tank	450-500 Litre
Weight of Mixer Standard	~3.75 Ton

PMSM Motor	
Voltage Range	400-750 VDC
Peak Power	110 kW
Max Torque	550 Nm
Peak Torque	2500 rpm
Peak Speed	2500 rpm
Cooling method	Liquid cooling

 **FUEL SAVINGS**
Pure electric drive can save not only fuel, but also your money. (Depends on regions and fuel / electric prices)

 **LONG DUTY CYCLE**
The Patented super safe Blade Battery enables up to 150 km* driving range for long duty operations

 **MAINTENANCE SAVINGS**
No engine and motor oil. Lower maintenance on propulsion system, fewer fluids to change, less break wear, and fewer moving parts

 **SAFE**
Thermally balanced with no combustion risk or cell swelling, supported by a BMS that safeguards charging and cell health

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Disclaimer

1. All listed specifications are current and subject to change or upgrade without prior notice, in accordance to company's policy of continuous improvement.
2. All illustrations and photographs may or may not be part of the standard specification.
3. Due to the printing process, colors may vary slightly from those shown.

*Based on actual road conditions with the vehicle carrying its full rated payload load. However, Actual range will vary depending upon driving/charging habits, speed, conditions, weather, temperature, and battery aging.