Shacman F3000 6x4 Dump Truck Technical Specifications (Remanufactured Version)

Key Specifications (Standard 380HP Version)

Drive Configuration: 6×4 (10 wheels)
Engine: Weichai WP10, 380HP, Euro II emissions
Transmission: Fast 10/12-speed manual
Front Axle: 9.5-ton heavy-duty steering axle
Rear Axles: 2×16-ton heavy-duty axles with two-stage reduction
Frame: Double-layer, high-strength, thickened main beams
Tires: 12.00R20
Fuel Tank: 400L
Cargo Box Dimensions: 5600×2300×1500mm (customizable)
Rated Payload: 30–40 tons
Applications: Mining, earthworks, sand/gravel, and coal transport

Cab Specifications
Item | Specification
Cab Type | Flat-roof suspended cab; all-steel unitary structure
Suspension | 4-point mechanical suspension with shock absorption
Sleeper | Single lower bunk
Seat | Driver's seat with mechanical suspension (can be replaced with a new seat during refurbishment)
Steering | LHD (Left-Hand Drive) or RHD (Right-Hand Drive) options available
Windows | Electric or manual windows (based on original vehicle configuration)
Mirrors | Split-type swing-out wide-angle mirrors with blind-spot mirrors
A/C | OEM heating and cooling air conditioning
Instrument Cluster | Mechanical combination instrument panel
Doors | Reinforced steel doors
Refurbishment Items | Sheet metal repair; rust removal and repainting; replacement of worn weatherstripping, door locks, and suspension components; interior cleaning and restoration

Key Specifications (Refurbished Vehicle)

Model: SHACMAN F3000 6×4 Tipper
Drive Type: 6×4 (10 wheels)
Engine: Weichai WP10, 371HP/380HP, mechanical fuel pump
Transmission: FAST 10/12-speed manual
Front Axle: 9.5T heavy-duty steering axle

Rear Axle: 2×16T double-reduction rear axles
Tires: 12.00R20 (refurbished or new options available)
Cargo Box: 5600×2300×1500mm (customizable dimensions)
Rated Payload: 30–40 tons
Version: LHD / RHD options available
Applications: Mining, earthworks, sand/gravel transport, and muck hauling

Project Specifications
Standard external dimensions: 5600 × 2300 × 1500 mm (L × W × H)
Optional lengths: 5400mm / 5600mm / 5800mm / 6000mm
Optional heights: 1400mm / 1500mm / 1600mm
Body floor thickness: 8mm / 10mm (12mm heavy-duty option available for mining use)
Body side wall thickness: 6mm / 8mm; Material: High-strength, wear-resistant manganese steel (Q345)
Lifting mechanism: Front-mounted HYVA hydraulic cylinder; maximum lifting angle: 45°
Body type: U-shaped / Rectangular (U-shaped recommended for mining applications for smoother unloading); Capacity: approx. 19.3m^3 (5600×2300×1500)
Refurbishment process: Rust removal, crack repair welding, structural reinforcement, grinding, and application of anti-corrosive topcoat; bodies with severe deformation are replaced with new ones.