

SANY[®]

SANY DIESEL TRUCK

6 X 4

Africa

KQY100000941

KQY100001044

KQY100001045

HighRoof EURO III VERSION

Quality changes the world

■ www.sanyglobal.com

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Read E-brochure



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SANY DIESEL TRUCK
Africa 6X4 HighRoof EURO III VERSION

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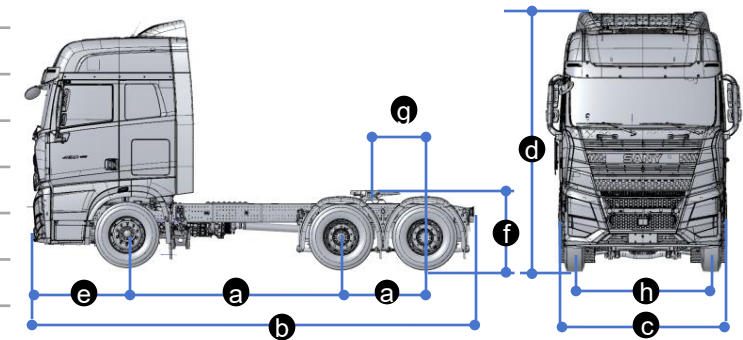
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01 Basic Configuration

Items		Africa 6X4 HighRoof EUROIII (RHD) Technical Specifications
Basic Parameter	Model	HQC343DC0
	Driver's Seat Location	Right Hand Drive
	Drive Type	6×4
	Curb Weight (kg)	9680
	Gross Combination Weight (kg)	60000
	Maximum Speed (km/h)	110
	Emission Standard	EURO III
Engine	Model	D12C3-435E1, D12C3-517E1
	Rated Power	435 HP/320 kW, 517 HP/380 kW
	Peak Torque (N.m)	2150, 2200
Transmission	Model	F12JZ22A(FAST)
	Transmission Control System	AMT
	Fwd/Rev Speed Configuration	12/2
	Gear Ratios	1st:13.15; 12th:1
Drive Axle	Load capacity(t) and Ratio	13/13, 4.266
Brake	Type	Front and Rear Drum
Auxiliary Braking	Type	Engine Cylinder Brake
Suspension	Type	Front 3 Leaf Spring, Rear 5 Leaf Spring
Fuel Tank	Volume (L)	800
Wheel	Wheel Rim	Front and Rear Steel
	Tires	315/80R22.5(Optional 12.00R22.5)



a	Wheelbase	3300+1400 mm
b	Length	6965 mm
c	Width	2545 mm
d	Height	3950 mm
e	Front Overhang	1515 mm
f	Fifth Wheel Height (unloaded)	1320±20 mm
g	Fifth Wheel Position	950 mm
h	Wheel Track	2066/1867/1867 mm

01 Basic Configuration

Intelligent Driving System

LDW

FCW

ABS



Cabin Type



High roof flat floor RHD cabin

12.1-inch central control touchscreen

7-inch crystal instrument panel

External sunshade

Double-deck berths

Electric rearview mirror with heating function

Main driver shock-absorbing seat

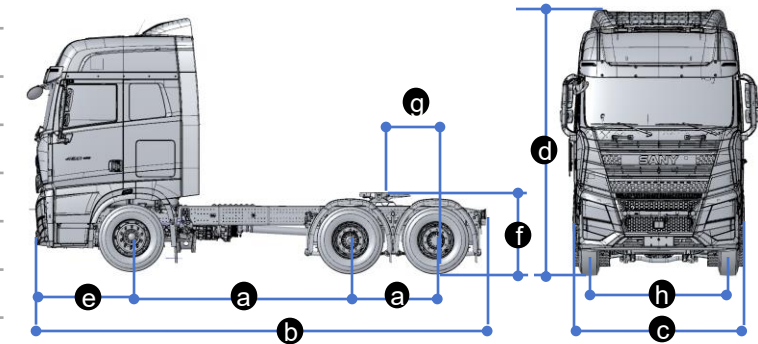
Electric air conditioning

Multi-function steering wheel

Power windows & Electric tilt cab

01 Basic Configuration

Items		Africa 6X4 HighRoof EURO III (LHD) Technical Specifications
Basic Parameter	Model	HQC42503S1S12C
	Driver's Seat Location	Left Hand Drive
	Drive Type	6×4
	Curb Weight (kg)	10000
	Gross Combination Weight (kg)	80000
	Maximum Speed (km/h)	105
	Emission Standard	EURO III
Engine	Model	D12C3-517E1
	Rated Power	517 HP/380 kW
	Peak Torque (N.m)	2200
Transmission	Model	16JSDX240T+QH50(FAST)
	Transmission Control System	MT
	Fwd/Rev Speed Configuration	16/2
	Gear Ratios	1st:16.69; 16th:1
Drive Axle	Load Capacity(t) and Ratio	16/16, 4.769
Brake	Type	Front and Rear Drum
Auxiliary Braking	Type	Engine Cylinder Brake
Suspension	Type	Front 3 Leaf Spring, Rear 5 Leaf Spring
Fuel Tank	Volume (L)	400
Wheel	Wheel Rim	Front and Rear Steel
	Tires	315/80R22.5



a	Wheelbase	3300+1400 mm
b	Length	6965 mm
c	Width	2545 mm
d	Height	4000 mm
e	Front Overhang	1515 mm
f	Fifth Wheel Height (unloaded)	1320±20 mm
g	Fifth Wheel Position	950 mm
h	Wheel Track	2040/1864/1864 mm

01 Basic Configuration

Intelligent Driving System

LDW

FCW

ABS



Cabin Type



High roof flat floor LHD cabin

12.1-inch central control touchscreen

7-inch crystal instrument panel

External sunshade

Double-deck berths

Electric rearview mirror with heating function

Main driver shock-absorbing seat

Electric air conditioning

Multi-function steering wheel

Power windows & Electric tilt cab

02 Core Advantages



Exceptional Power

High torque, power surging

- ◆ The German-engineered Deutz D12C3-517E1 engine, boasting an impressive 517 HP and 2200 N.m, **offers superior power advantages over competitors**



High Reliability

≥1 million km service life

- ◆ Vehicle components boast improved performance, with rust-proof, dust-proof and waterproof rating meeting **C5 standard**
- ◆ Vehicle passed million-kilometer durability validation, proving **service life ≥1 million km**



Superior Comfort

Large space cab

- ◆ SANY self-developed high roof cab features a first-class ample cabin. Fashionable and beautiful appearance, large driving space, avant-garde interior, and good tranquility, enabling operators to **work more comfortably and improving overall profitability**



Two-stage Fuel Filtration System

Adapt to African oil

- ◆ First filter (manual turbine filter) + second filter (manual pump filter), **more suitable for African oil products**

02 Core Advantages

Gold-Powered Drive System



SANY Deutz engine

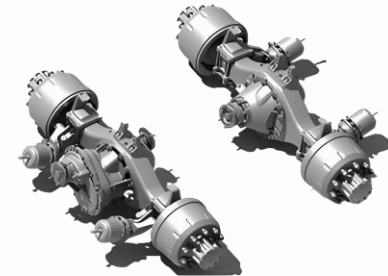
- ✓ DEUTZ, a century-old brand, features the European latest advanced technology with strong overload capacity and superior durability
- ✓ High-efficiency turbocharger and high explosion pressure combustion technology deliver stronger power output, with more robust performance during startup and sudden acceleration

Efficient transmission performance & Stable output



Fast Gear transmission

- ✓ FAST's new-generation integrated automatic transmission balances power performance across both high and low speed ranges
- ✓ High-precision gear grinding technology achieves a transmission efficiency of up to 99.8%
- ✓ Equipped with economic/sport dual driving modes, it features smooth shifting and easy operation



Fangsheng/HanDe axle

- ✓ FANGSHENG/HANDE axle features superior load capacity, high quality and reliability
- ✓ A broad range of gear ratio options enables adaptation to diverse operating conditions, including highway and national road scenarios

03 Application Scenarios & Cases



Construction materials, Sand and gravel, Engineering equipment transportation

Segment Market	Medium and long distance logistics transportation
GCW	60 t, 80 t
Maximum speed	110 km/h(GCW60 t) 105 km/h(GCW80 t)
Economic speed range in top gear	60-85 km/h
Transportation scenario	Construction materials, Sand and gravel, Engineering equipment etc.
Transportation distance	100 km-2000 km



Engineering equipment Transportation



Sand and gravel Transportation



Construction materials Transportation

04 Technical Support & Services

A. Service network



SANY Efficient Service Supply Network

24/7 Service Online



1,700+

Overseas Service Centers

7,000+

Professional Service Staff

24h

24/7 Always Online

Prompt SANY Standard Service Response

“12127” Service Target



1 quarter Respond

2 hours Arrival

1 day General Issues Solved

2 days Complaint Issues Solved

7 days Legacy Issues Solved

Parts Support

“1790” Parts Target



1 day Downtime Parts Shipped within 1 Day

7 days Urgent Parts Shipped within 7 Days

90% Local Parts Availability

04 Services Support

B. Service Policy

A. Vehicle Warranty Policy

For SANY trucks in overseas markets, the standard warranty period for all vehicle parts (excluding critical components and special warranty items) is **two-year with unlimited mileage**

B. Key Components Warranty Policy

For Standard Model

- Automatic transmission assembly
(Casting Parts follow the base warranty period): **36 months**
- Manual transmission assembly
(Housing Parts follow the base warranty period): **36 months**



Transmission

- Lifting Axle, Support Axle Tube & Axle Housing Assembly, Bearing Block, Transfer Case Cover, Transfer Case, Oil Seal Seat: **36 months**



Axles

- Basic components(excluding Crankshaft, Camshaft, Connecting Rod, Flywheel Housing, Gear, Timing Gear Chamber): **36 months**



Engine

For Super Model

- Automatic transmission assembly (Casting Parts follow the base warranty period): **24 months**

- Lifting Axle, Support Axle Tube & Axle Housing Assembly, Bearing Block, Transfer Case Cover, Transfer Case, Oil Seal Seat: **24 months**

- Basic components(excluding Crankshaft, Camshaft, Connecting Rod, Flywheel Housing, Gear, Timing Gear Chamber): **24 months**

C. Parts Warranty Policy

Components purchased by customers through parts stores or service centers are covered by a **6-month** SANY parts warranty

For specific component warranty periods, please refer to *SANY Detailed Rules for Quality Warranty Periods*.

thanks

SANY TRUCK



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