

Comfort • Reliable • Safety • Super bearing • Strong power • High passability

AFRICA  
6×4 MODELS

# SANY TRUCK



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## EURO III , EURO V HEAVYLOADED TRANSPORT VERSION

### STRONG POWER

Deutz D13 engine, Fast gearbox, golden powertrain, strong output, mature and reliable quality.

### SUPER BEARING

Double-layer high-strengthed steel frame (8 + 7 + 8 partial three layers), front 9 pieces and rear 10 pieces, multi-leaf spring suspension, stronger bearing.

### HIGH PASSABILITY

Medium metal bumper, ground clearance higher than 500mm.

### TWO-STAGE FILTER

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

### ELECTRIC FUEL INJECTION ADVANTAGES

Millisecond-level precise control of fuel injection pressure, low fuel consumption; low noise; low operation costs.

### STRONG OFF-ROAD CAPABILITY

Differential speed between wheels and axles as standard: improve the ability of off-road, strong adaptability to working conditions, and full coverage of short transportation scenes.

## SANY TRUCK "AFRICA 6X4" PRODUCT TECHNICAL SPECIFICATION

Host Code			KQY100001019	KQY100001044	KQY100001048
Basic Parameters	Length×Width ×Height(unladen)(mm)		6965×2545×4000	7115×2545×4090	6965×2545×4000
	Emission		Euro V	Euro III	Euro V
	Wheel base (mm)		3300+1400	3375+1400	3300+1400
	Front overhang/Rear overhang (mm)		1515/750	1590/750	1515/750
	The Fifth-Wheel		90#	90#	90#
	Height of the fifth-wheel from ground without load(mm)		1355±30	1470±30	1355±30
	Front bumper ground clearance (mm)		530	690	530
	Minimum Ground Clearance(mm)		240	320	240
	Front Turning Radius(mm)		2200	2200	2200
	Rear Turning Radius(mm)		2100	2100	2100
	Curb Weight (kg)		10500	10500	10500
	Gross Vehicle Weight (kg)		41870	41870	41870
	Gross Combination Weight (kg)		110000	110000	110000
Frame Parameter	Section heigth×Section width×Frame thickness(mm)		300× (940-850) × (8+7) Partial three-layer reinforcement	300× (940-850) × (8+7) Partial three-layer reinforcement	300× (940-850) × (8+7) Partial three-layer reinforcement
Engine	Type		D12C5-517E1	D13C3-520E0	D12C5-517E1
	Rated Power (hp) / (rpm)		517/2100	520/1900	517/2100
	Rated Torque (Nm)/ (rpm)		2200/1100-1500	2550/1000-1400	2200/1100-1500
Transmission	Type		AMT	MT	AMT
	Number of gears		Forward gear 12, reverse gear 2	Forward gear 16, reverse gear 2	Forward gear 12, reverse gear 2
	Ratios		1st gear ratio 12.26, 12th gear ratio 0.78	1st gear ratio 16.69, 12th gear ratio 1	1st gear ratio 12.26, 12th gear ratio 0.78
Brake System	Type		ABS	ABS	ABS
Cab	Configuration description		High roof flat floor, right rudder, shroud, 12.1 inch large screen, 7 inch dashboard, double sleeper, main driver shock-absorbing seat, electric heating rearview mirror, electric air conditioner, electric flip, multi-function steering wheel, electric window.	High roof flat floor, left rudder, shroud, 12.1 inch large screen, 7 inch dashboard, double sleeper, main driver shock-absorbing seat, warning light, electric heating rearview mirror, electric air conditioner, electric flip, multi-function steering wheel, electric window.	High roof flat floor, right rudder, shroud, 12.1 inch large screen, 7 inch dashboard, double sleeper, main driver shock-absorbing seat, electric heating rearview mirror, electric air conditioner, electric flip, multi-function steering wheel, electric window.
Axle	Front	Load capacity (t)	7.5	7.5	7.5
	Middle/ Rear	Load capacity (t)	16/16	16/16	16/16
		Ratio	4.769	4.769	4.769
Tyres	Model		315/80R22.5	12.00R24	315/80R22.5
Suspension	Front /Rear		9 leaf spring/10 leaf spring	9 leaf spring/10 leaf spring	9 leaf spring/10 leaf spring
Battery	Voltage (V)		24 (12×2)	24 (12×2)	24 (12×2)
	Battery capacity (Ah)		220	180	220
Fuel	Type		Aluminum fuel tank, with lockable cap	Aluminum fuel tank, with lockable cap	Aluminum fuel tank, with lockable cap
	Capacity		800L	500L+200L	800L
Trailer electrical interface			7pin	7pin	7pin
Trailer power supply			24V	24V	24V
Optional configurations			Customized expansion configuration according to customer needs	Customized expansion configuration according to customer needs	Customized expansion configuration according to customer needs

## EURO III COMPOSITE VERSION

### STRONG POWER

Deutz D12C3-517E1, the maximum horsepower is 517, which has obvious advantages over competing products.

### HIGH ROOF FLAT FLOOR CAB

Safety meets and exceeds ECE R29, pure flat floor cab, large driving space, good tranquility and high reliability, the paint film thickness is 140mm, far exceeding the industry level.

### HIGH COMFORT

Jiangshan high-roof flat floor body, fashionable and beautiful appearance, large driving space, avant-garde interior, good tranquility.

### TWO-STAGE FILTER

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

### EASY TO DRIVING

The use of 12-speed FAST automatic transmission, Steering column-mounted shift lever, liberate the driver's feet, improve safety.

### RELIABLE AND DURABLE

The use of mature composite version of the car bearing system, matching 7.5 tons of front axle, Z300 double-stage reduction bridge , partial strengthened frame, reliable and stable.

## SANY TRUCK "AFRICA 6X4" PRODUCT TECHNICAL SPECIFICATION

Host Code			KQY100001045	KQY100000941	KQY100001067
Basic Parameters	Length×Width ×Height(unladen)(mm)		6965×2545×4000	6965×2545×3950	6965×2545×3950
	Emission		Euro III	Euro III	Euro III
	Wheel base (mm)		3300+1400	3300+1400	3300+1400
	Front overhang/Rear overhang (mm)		1515/750	1515/750	1515/800
	The Fifth-Wheel		90#	90#	90#
	Height of the fifth-wheel from ground without load(mm)		1320±30	1320±30	1320±30
	Front bumper ground clearance (mm)		530	530	430
	Minimum Ground Clearance(mm)		240	240	240
	Front Turning Radius(mm)		2200	2200	2300
	Rear Turning Radius(mm)		2100	2100	2200
	Curb Weight (kg)		10000	10000	9680
	Gross Vehicle Weight (kg)		24870	24870	29808
	Gross Combination Weight (kg)		80000	80000	60000
Frame Parameter	Section heigth×Section width×Frame thickness(mm)		300× (940-850) × (8+7) , Partial bilayer reinforcement	300× (940-850) × (8+7) , Partial bilayer reinforcement	300× (940-850) ×8, Partial bilayer reinforcement
Engine	Type		D12C3-517E1	D12C3-517E1	D12C3-435E1
	Rated Power (hp) / ( rpm )		517/2100	517/2100	435/1900
	Rated Torque (Nm)/ ( rpm )		2200/1100-1500	2550/1000-1500	2150/1100-1400
Transmission	Type		MT	MT	AMT
	Number of gears		Forward gear 16, reverse gear 2	Forward gear 16, reverse gear 2	Forward gear 12, reverse gear 2
	Ratios		1st gear ratio 16.69, 16th gear ratio 1	1st gear ratio 16.69, 12th gear ratio 1	1st gear ratio 12.26, 12th gear ratio 0.78
Brake System	Type		ABS	ABS	ABS
Cab	Configuration description		High roof flat floor, left rudder, shroud, 12.1 inch large screen, 7 inch dashboard, double sleeper, main driver shock-absorbing seat, warning light, electric heating rearview mirror, electric air conditioner, electric flip, multi-function steering wheel, electric window.	High roof flat floor, left rudder, shroud, 12.1 inch large screen, 7 inch dashboard, double sleeper, main driver shock-absorbing seat, warning light, electric heating rearview mirror, electric air conditioner, electric flip, multi-function steering wheel, electric window.	High roof flat floor, left rudder, shroud, 12.1 inch large screen, 7 inch dashboard, double sleeper, main driver shock-absorbing seat, electric heating rearview mirror, electric air conditioner, electric flip, multi-function steering wheel, electric window.
Axle	Front	Load capacity (t)	7.5	7.5	7.5
	Middle/ Rear	Load capacity (t)	16/16	16/16	13/13
		Ratio	4.769	4.769	4.266
Tyres	Model		315/80R22.5	315/80R22.5	315/80R22.5
Suspension	Front /Rear		3 leaf spring/5 leaf spring	3 leaf spring/5 leaf spring	3 leaf spring/5 leaf spring
Battery	Voltage (V)		24 (12×2)	24 (12×2)	24 (12×2)
	Battery capacity (Ah)		180	180	220
Fuel	Type		Aluminum fuel tank, with lockable cap	Aluminum fuel tank, with lockable cap	Aluminum fuel tank, with lockable cap
	Capacity		400L	400L	800L
Trailer electrical interface			7pin	7pin	7pin
Trailer power supply			24V	24V	24V
Optional configurations			Customized expansion configuration according to customer needs	Customized expansion configuration according to customer needs	Optional D12C3-517E1 Optional 12R22.5



## EURO II STANDARD VERSION

### STRONG POWER

Yuchai YC6ND460-33 engine, maximum horsepower 460, the engine outperforms competitors in power.

### FUEL SYSTEM

Standard 600L + 300L large fuel tank, optional 1200L large fuel tank on the back of the cab, the cruising range can reach 6000km, the first in the industry.

### HIGH ANTI-THEFT SECURITY

The metal protective cover for the fuel tank cap, unique in the industry, can effectively prevent oil theft and reduce losses for customers.

### TWO-STAGE FILTER

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

### RELIABLE AND DURABLE

Using the mature composite version of the model bearing system, matching the 7.5-ton front axle, 13T single-stage reduction bridge (3.7), partial strengthened frame, reliable and stable.

### HIGH COMFORT

Jiangshan semi-high roof flat floor body, fashionable and beautiful appearance, large driving space, avant-garde interior, good tranquility.

## SANY TRUCK "AFRICA 6X4" PRODUCT TECHNICAL SPECIFICATION

Host Code			KQY100001055
Basic Parameters	Length×Width ×Height(unladen)(mm)		6915×2545×3400
	Emission		Euro II
	Wheel base (mm)		3300+1350
	Front overhang/Rear overhang (mm)		1515/750
	The Fifth-Wheel		50#
	Height of the fifth-wheel from ground without load(mm)		1320±30
	Front bumper ground clearance (mm)		530
	Minimum Ground Clearance(mm)		240
	Front Turning Radius(mm)		2200
	Rear Turning Radius(mm)		2100
	Curb Weight (kg)		8750
	Gross Vehicle Weight (kg)		22500
	Gross Combination Weight (kg)		50000
Frame Parameter	Section heighth×Section width×Frame thickness(mm)		300×（940-850）×8，Partial bilayer reinforcement
Engine	Type		YC6ND460-33
	Rated Power (hp) / （rpm）		460/1900
	Rated Torque (Nm)/ （rpm）		2100/1100-1500
Transmission	Type		MT
	Number of gears		Forward gear 12,reverse gear 2
	Ratios		1st gear ratio 13.15, 12th gear ratio 1
Brake System	Type		Optional ABS
Cab	Configuration description		Semi-High roof flat floor, Right rudder, single berth,Radio, main driver shock-absorbing seat, Manual flip, normal steering wheel, electric window.
Axle	Front	Load capacity（t）	7.5
	Middle/ Rear	Load capacity（t）	13/13
		Ratio	3.7
Tyres	Model		12R22.5
Suspension	Front /Rear		3 leaf spring/5 leaf spring
Battery	Voltage（V）		24（12×2）
	Battery capacity（Ah）		180
Fuel	Type		Aluminum fuel tank,with lockable cap
	Capacity		600L+300L
Trailer electrical interface			7pin
Trailer power supply			24V
Optional configurations			Optional 600L + 300L + back 1200L、ABS、electric air conditioner