



SANY Truck Products Technical Specification



D495ASE-50 4×2 Tractor

Product Name		D495ASE-50	
Type		4×2 Tractor	
KQY100000966			
Length (mm)		6215	
Width (mm)		2545	
Height(unladen) (mm)		3910	
Wheel base (mm)		3750	
Front overhang (mm)		1515	
Rear overhang (mm)		750	
Curb weight (kg)		7500	
Height of the fifth-wheel from ground without load(mm)		1200	
Height of the fifth-wheel from ground with load(mm)		1150	
Minimum Ground Clearance(mm)		230	
Front Turning Radius(mm)		2150	
Rear Turning Radius(mm)		2200	
GVW (kg)		25000	
GCW (kg)		50000	
Fuel onsumption/100km (L/100km)		-	
Frame Parameter	Frame width(front)(mm)		940
	Frame width(rear)(mm)		850
	Section heigth (mm)		300
	Section width (mm)		80
Engine	Type		D12C5-490
	Emission level		Euro V
	Rated Power /Horse Power		360kW/490HP
	Maximum torque		2200N·m
	Number of cylinders		6
	Displacement(L)		12.12
	Cylinder bore (mm)		131
	Stroke(mm)		150
System		Water cooled,turbocharged,after cooled,high press control common rail fuel system,cold start.	
Clutch	Type		Valeo
	Plate's diameter		φ430mm
	Operating system		electronic control with air booster,pushing
Transmission	Type		F12JZ-OD AMT
	Number of gears		12 forward gears & 2 reverse gears
	Ratios		1st gear:12.26, 2nd gear:9.56, 3rd gear:7.36, 4th gear:5.73, 5th gear:4.52, 6th gear:3.52, 7th gear:2.71, 8th gear:2.11, 9th gear:1.63, 10th gear:1.27, 11th gear:1.00, 12th gear:0.789, R1:11.28, R2:8.79
Brake System	Double circulation air brake system equipped, Engine in cylinder brake, ABS, ESC		
Cab	High-roof cab, middler bumper, external sunshade, manul adjustable rear mirror with electric heating, rear window in the cab, all floating air cab suspension, adjustable driver's seat(air suspension), air conditioning system, 7-inch crystal dashboard, electric windows, central lock		
	Bumper ground clearance (mm)		550
Axle	Front	Load capacity(ton)	7.5
	Middle/Rear	with differential lock,ratio 3.364	
		Load capacity(ton)	13
Tyres	Layer/Texture	18PR	
	Model	295/80R22.5	
Suspension	Front	3-Leaf spring with shock absorber ang stabilizer bar	
	Rear	Air Suspension	
Battery	Voltage (V)		24V(12×2)
	Battery capacity (A·h)		220
Fuel	Type	Aluminum fuel tank,with lockable cap	
	Capacity	800L	
The Fifth-Wheel		The fifth wheel 50#	

