



SANY Truck Products Technical Specification



D525ASE-80

6×4 Tractor

Product Name		D525ASE-80	
Type		6×4 Tractor	
KQY100000962			
Basic Parameters		-	
Length(mm)		6965	
Width(mm)		2545	
Height(unladen) (mm)		3950	
Wheel base (mm)		3300+1400	
Front overhang (mm)		1515	
Rear overhang (mm)		750	
Curb weight (kg)		10500	
Height of the fifth-wheel from ground without load(mm)(mm)		1340	
Height of the fifth-wheel from ground with load(mm)(mm)		1290	
Minimum Ground Clearance(mm)		270	
Front Turning Radius(mm)		2300	
Rear Turning Radius(mm)		2200	
GVW (kg)		35000	
GCW (kg)		80000	
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	D12C5-517	
	Emission level	Euro V	
	Rated Power /Horse Power	380kW/517HP	
	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		
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	Load capacity(ton)	16
Tyres	Layer/Texture		
	Model	315/80R22.5	
Suspension	Front	9-Leaf spring with shock absorber ang stabilizer bar	
	Rear	10-Leaf spring	
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 90#	

