



ALPHATRUK PHILIPPINES INC.

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SINOTRUK C5 Dump truck 4x2 Euro4 (220Ps,10cbm)



Vehicle Dimensions (mm)		
1	Wheelbase	3900
2	Front overhang	1320
3	Rear overhang	1860
4	Wheel track of front axle	2050
5	Wheel track of rear axle	1850
6	Chassis length	6630
7	Approach angle(°)	23
8	Departure angle(°)	12
9	Maximum driving speed(km/h)	95
10	Maximum gradeability (%)	45
11	Minimum ground clearance(mm)	274
12	Minimum turning diameter (m)	<16
13	Fuel consumption(L/100km)	32-34
14	Cargo body size	4500*2300*1000 (10.35m ³)
15	Overall Dimension	7080*2550*3150

Weight (kg)		
1	Kerb.mass	9000
2	Gross vehicle weight	24500
3	Front axle loading capacity	6500
4	Rear axle loading capacity	18000

Engine			
Parameters	Rated Power (KW(hp) rpm)	Maximum Torque(Nm/rmp)	Features
Engine Model YC6J220-46	162(217.25)/2500	760/1400~1700	Diesel, water-cooled, turbocharged, intercooled common rail, Direct Injection, BOSCH electronic control, with CSR post-processing, 6 cylinder in-line, 6.494 liter

Clutch	
395A diaphragm	spring clutch, single plate

Transmission			
HW95510C: Floor shift type 10 forward speed + 2 reverse			
Ratio:			
1	12.036	2	9.01
3	6.776	4	4.664
5	3.821	6	2.581
7	1.932	8	1.453
9.	1	10	0.819
R1	12.67	R2	2.91

Wheels & Tyres	
Tyres	11.00R20
Wheels	8.00V-20

Steering Gear	
Type	ZJ100D (LHD)
Hydraulically assisted Adjustable steering wheel	

Axles	
Steer	153, forging I-beam front axle

Braking System	
Type	Air brake system
Service brake	Dual-circuit air brake
Parking brake	Spring energy, Compressed air operating on rear wheels
Auxiliary brake	Exhaust valve braking(EVB)
Others	Cab C5 with A/C, Audio Sterio, GPS/Satelite monitoring system
Body	Dumping type with Power take off system (PTO)

Fuel Tank	
Capacity	300 Liters

Frame	
Material	High tensile steel
Section	255/(8+5)mm
Frame width	865mm

Electrical System	
Type	SINOTRUK Heavy-duty steam hard-line control system, circuit system without any controller.

Voltage	24V
Batteries	2x12V, 165Ah
Alternator	28V/55A
Starter	6KW

Suspension	
Steer Axle	Semi-elliptical leaf springs with shock absorbers and stabilizer
Drive Axle	Semi-elliptical leaf springs

The manufacture reserves the right of technical alteration/change for better improvement without prior notice