

SINOTRUK

HOWO N CNG TRACTOR

Driving Type 6×4 GCW80000kg

Model	ZZ4257V424JE1C
Engine	<p>Make:SINOTRUK MAN ENGINE</p> <p>Engine type:4 stroke GAS engine</p> <p>Engine model: MT13.43</p> <p>6 cylinder in-line with water cooling, turbo-charging & inter cooling</p> <p>Rated output: 430hp(316Kw) at 1900 rpm</p> <p>Maximum torque: 2100Nm at 1000~1400 rpm</p> <p>Bore: 126mm; Stroke: 166mm;</p> <p>Displacement: 12.419L; Compression ratio: 11.5: 1</p> <p>Engine oil filling quantity: 42L</p> <p>Cooling system filling quantity (long-term filling): 42L</p> <p>CFV: AMERICA E-CONTROLS brand</p> <p>Plug: Japan NGK brand</p> <p>Air compressor:GERMANY WABCO brand</p> <p>Supercharger: AMERICA CUMMINS brand</p> <p>Cylinder block: GERMANY MAN brand</p> <p>Oxygen sensor: Japan NTK brand</p> <p>Inter-cooler and Radiator: GERMANY BEHR</p>
Clutch	Single- plate dry diaphragm spring clutch, diameter 430 mm, hydraulically operating with air assistance
Transmission	Transmission, model HW19710, 10 forward and 2 reverse Ratio:14.28 10.62 7.87 5.88 4.38 3.72 2.43 1.80 1.34 1.00 13.91/3.18(R)
Propeller Shaft	Double universal joint propeller shaft with gear-shaped coupling flange
Front Axle	VGD95 Rated Loading capacity:9500KG Steering with double T-cross section
Rear Axles	MCX 16 Rated Loading capacity:16000×2 KG Pressed axle housing, central single reduction and differential locks between axles Ratio: 4.8 Option: 4.22 3.73 4.42
Chassis	<p>MAN technology Frame: High-strength U-profile frame with a section of 280x80x8 and reinforced subframe, all cold riveted cross members</p> <p>Front suspension: 3 semi-elliptic leaf springs with hydraulic telescopic double-action shock absorbers and stabilizer</p> <p>Rear suspension: 12 semi-elliptic leaf springs with bogie spring and stabilizer</p> <p>CNG Cylinder capacity:2080L (8x260L)</p> <p>Fifth wheel size: 3.5 inch</p> <p>front and rear stabilizer</p>
Steering	D50 Man technology Hydraulic steering with power assistance Ratio: 22.2-26.2
Brakes	<p>Front and rear drum brake, four-circuit protection valve,</p> <p>Service brake: dual circuit compressed air brake</p> <p>Parking Brake(emergency brake): spring energy, compressed air operating on rear wheels</p> <p>Auxiliary brake: engine exhaust brake</p> <p>ABS:World famous WABCO brand(Optional)</p>
Wheel & Tyres	<p>Rims: 9.0-22.5,10 hole-steel</p> <p>Tyres: 315/80R22.5 Tubeless</p> <p>with one spare tire</p>
Driver's cab	Long cab, adjustable steering wheel with various heights and angles, central door lock, electric window lifter, power adjustable rearview mirror, 2-arm windscreen wiper system with 3 speeds, air suspension adjustable driver's seat, rigid adjustable co-driver's seat, heating & ventilation system, exterior sun visor, safety belts, air horn, and single berth with 4-point support fully floating suspension and air suspension with transverse stabilizer, high bumper,
Electrics	<p>NANO Electric system</p> <p>Operating voltage:24V, negative grounded; Starter: 24V, 5.4KW</p> <p>Alternator: 3-phase, 28V, 1540W; Batteries: 2×12, 165Ah</p> <p>Cigar-lighter, horn, headlamp, fog light, brake lights, indicators and reverse lamp</p>

Dimensions in mm	Wheel base	3800+1350
	Front wheel track	2041
	Rear wheel track	1850
	Front overhang	1500
	Rear overhang	715
	Approach angle(°)	16
	Departure angle(°)	70
	Overall Dimension	7590×2480×3 250
Weight in kg	Dead weight	11500
	Gross combination weight	80000
	Front axle loading capacity	9500
	Rear axle loading capacity	16000×2
Performance	Maximum driving speed(km/h)	102(Speed is limited to 60km/h)
	Maximum grade ability (%)	33
	Minimum ground clearance(mm)	314
	Minimum turning circle(m)	18.5
	Gas consumption (SCM/100km)	54
	(comprehensive road condition)	

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

Reference picture

