

SYZ440C-8W(R) Dump Truck

— FLAT TAILED CARGO BOX



DURABILITY

- ◆ Reliable and high quality. Manufactured by Sany, which is ranked 2nd worldwide and the 1st nationwide in construction machinery industry.
- ◆ Stringent testing in Sany's self-built test field. Road test with fully loaded and high intensity for 30,000 km, which is five times more intensive than the one done in Hainan National test field.
- ◆ SANY pump truck patented steel technology for chassis and leaf spring(much thicker than competitive products), the bearing performance is improved by 10% , which makes the vehicle suitable for transporting coal mine.

SAFE & COMFORTABLE

- ◆ Equipped with high-end cab, large space, luxury interior, the integration of driving and entertainment.
- ◆ Layout, lower center of gravity that prevents rollovers.
- ◆ Integrally stamped and formed cabin frame, meet the European certification of positive impact and top pressure inspection.

STRONG POWER

- ◆ Weichai power engine, Fast transmission and Hande axles constitute the golden power train, which contributes to the high climbing performance and low fuel consumption. the climbing performance is improved by 10% and the fuel consumption decreases of 5%.
- ◆ The Weichai engine is reliable, low maintenance cost and powerful.
- ◆ Fast transmission, rated input torque 2400N·m higher transmission efficiency, more stable output efficiency.
- ◆ The 16T Hande casting axles have excellent carry performance , waterproof performance and long maintenance interval.

EXCELLENT TRAFFICABILITY

- ◆ The middle and rear axles adopt double reduction axles, the ground clearance is increased by 15% compared with the single reduction axle, which contributes to better trafficability.
- ◆ Equipped with inter axle differential lock and inter wheel differential lock, which make the vehicle has strong escape capacity.

Quality Changes the World

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TECHNICAL SPECIFICATIONS

Model		SYZ440C-8W(R)
Overall Parameters	Code	ZZX100000326
	Rudder Direction	Right
	Curb Weight(kg)	20000
	Full Load Weight(kg)	66000
	Dimension (L×W×H)(mm)	11500×2540×3580
	Wheel Base(mm)	2000+4600+1400
	Frame(mm)	860×316×(8+8)
	Min. Ground Clearance(mm)	≥300
	Min. turning diameter(m)	≤26
	Braking Distance $V_0=30\text{km/h(m)}$	≤10(Full load); ≤9(Empty load)
Chassis	Engine	Weichai WP12.430E201
	Displacement(L)	11.596
	Rated Power/Rev Speed(kW/rpm)	316/1900
	Maximum Torque/Rev Speed(N.m/rpm)	2000/1000-1400
	Emission Standard	Euro II
	Transmission	Fast 12JSDX240T
	Front Axle(t)	2×9.5
	Middle, Rear Axle(t)	2×16
	Cab	Sany Cab CB318
	Tyre	12.00R20
	Brake	Pneumatic dual- circuit braking system with drum
	Fuel Tank(L)	400
Truck	Cargo Capacity(m ³)	40
	Cargo Empty(mm)	8600×2350×2000
	Lifting Angle(°)	45
	Lifting Mode	Front Lifting
Optional functions	GPS Terminal-EMEA	•
	ABS	-