



SY310C-8S(V R) TRUCK MIXER



Distinct advantage in carrying capacity

Carrying capacity increased by 20%.
Waterproof performance increased to 3~5
times by upgrading the seal structure of full
set of axle.

Self-developed integrated design

Upper parts and chassis integrated design
take vehicle performance into account. Vehicle
center of mass lowered 120mm by improve
"no sub frame" structure matching with high
strength frame. Driving is safer and more
reliable.

Lightweight design

Aluminum alloy water tank is adopted, and the weight is reduced by 45%; The auxiliary chute is made by polymer, and the weight is reduced by 50%. Low-carbon, eco-friendly and more economical.

Industry-leading mixing drum technology

Mixing drum using the customized SY300TP
special purpose high strength and abrasion-
resistant steel, drum service life extended by
30%, 8 years long service life. Lighter, more
reliable, more economical and more valuable.

Brand new driving experience

Equipped with the new 329 cab, which has been fully
upgraded in appearance, safety, comfort and
intelligence, bringing customers a brand new driving
experience. Equipped with Fast 12-speed
transmission, with synchronizer, interlock, and gas-
assisted shift, which is easy to operate;

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The product configuration (including technical parameters) is subject to
change and the delivered actual machine without notice.

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Technical specifications 技术参数

Model 型号		SY310C-8S(V R)	
Overall parameters 整车参数	Rudder direction	左右舵 右舵 Right	
	Curb weight (kg)	整备质量 (kg) 14500	
	Full load weight (kg)	最大允许总质量 (kg) 25000	
	Dimension (L × W × H) (mm)	整车尺寸 (长 × 宽 × 高) (mm) 9100 × 2550 × 3985	
	Wheel base (mm)	轴距 (mm) 4090+1350	
	Min. ground clearance (mm)	最小离地间隙 (mm) ≥ 260	
	Min. turning diameter (m)	最小转弯直径 (m) ≤ 17	
	Fuel consumption (L/100km)	百公里油耗 (L/100km) ≤ 42	
	Braking distance (V ₀ =30km/h) (m)	制动距离 (V ₀ =30km/h) (m) ≤ 10(Full load); ≤ 9(Empty load)	
	Chassis 底盘配置	Engine	发动机 道依茨 D09C5-360E3
Displacement (L)		排量 (L) 8.7	
Rated power/Rev speed (kW/rpm)		额定功率 / 转速 (kW/rpm) 265/1900	
Max. torque/Rev speed (N.m/rpm)		最大扭矩 / 转速 (N.m/rpm) 1650/1000-1500	
Emission standard		排放标准 Euro V	
Gear-box		变速箱 法士特 12JSD160TA	
Front axle		前桥 9T	
Middle, rear axle		中、后桥 2 × 16T	
Cab		驾驶室 三一 CB329 驾驶室 Sany Cab CB329	
Tyre		轮胎 11.00R20	
Brake type		制动型式 气压双回路鼓式制动 Pneumatic dual-circuit drum brake	
Fuel tank		燃油箱 (L) 300	
Drum 上装参数		Mixing capacity (m ³)	搅动容量 (m ³) 10
		Feeding speed (m ³ /min)	进料速度 (m ³ /min) ≥ 8
		Discharge speed (m ³ /min)	出料速度 (m ³ /min) ≥ 5
	Discharge residual rate	出料残余率 ≤ 0.5%	
	Slump scope (mm)	坍落度范围 (mm) 50-210	
	Water tank capacity (L)	水箱容积 (L) 400	
	Water pressure (Mpa)	供水工作压力 (MPa) 0.35-0.38	
	Reduction gear	减速机 卓士博 TOP T68	
	Oil pump	油泵 三一 Sany 90	
	Motor	马达 三一 Sany 90	