



SY310C-8S TRUCK MIXER



High reliability

- Equipped with Sany Steyr double reduction axles, the reliability has been fully verified; The integral casting axle housing has strong bearing capacity; The enhanced brake drum has long service life; The cassette seal + wheel end high protection technology has excellent waterproof performance;
- Mixing drum using the customized SY300TP high strength and abrasion-resistant steel, drum service life is extended by 30%, which can achieve 8 years long service life and guarantee the reliability;

Powerful truck

- Equipped with Deutz 2nd generation D09 engine, 265kW rated power, which is 6% higher than the competing product; 1670N.m maximum torque, which is 11% higher than the competing product;
- Deutz 2nd generation D09 engine, matching with Fast transmission and Sany axles to form a golden power chain, the performance is fully upgraded;

Excellent economy

- The golden power chain achieves a perfect match, the comprehensive fuel consumption is reduced by 6% compared with Weichai WP8 model, and the advantage of fuel economy over competing product is further expanded;
- Lightweight design with no subframe structure, aluminum alloy water tank, aluminum alloy oil tank, etc., can reduce fuel consumption and enhance the ability to load more concrete; Matching with the high efficient feeding and discharging to maximize value creation;

Reliable after-sales service

- The engine and drive axles adopt Sany's own brand, which can provide on-site service and extended warranty policy to ensure worry-free use;
- The establishment of Deutz engine overseas parts center can achieve direct parts supply, which has fast delivery speed and quality assurance;

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;

Technical specifications 技术参数

Model 型号		SY310C-8S
Overall parameters 整车参数	Rudder direction	左右舵 左舵 Left
	Curb weight (kg)	整备质量（kg） 13600
	Full load weight (kg)	最大允许总质量（kg） 37600
	Dimension (L×W×H) (mm)	整车尺寸（长×宽×高）（mm） 9300×2500×3985
	Wheel base (mm)	轴距（mm） 3720+1350
	Min. ground clearance (mm)	最小离地间隙（mm） ≥ 240
	Min. turning diameter (m)	最小转弯直径（m） ≤ 18
	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 三一动力 Sany Power D09C3-360E3
	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） 1670/1000-1500
	Emission standard	排放标准 Euro III
	Gear-box	变速箱 法士特 Fast 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） 300L
Drum 上装参数	Mixing capacity (m³)	搅动容量（m³） 10
	Feeding speed (m³/min)	进料速度（m³/min） ≥ 8
	Discharge speed (m³/min)	出料速度（m³/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 P68
	Oil pump	油泵 三一 Sany 90
	Motor	马达 三一 Sany 90

Optional configuration 可选配置

Model 型号		SY310C-8S
Item 名称		● Standard ● 标配 ○ Option ○ 选配 - None - 无
Engine	发动机	○ 三一动力 Sany Power D09C3-380E3
Reduction gear	减速机	○ 普曼普 PMP PMB6.5
Mixing drum type	搅拌筒型式	○ 干式 Dry
Driving recorder	行车记录仪	-
Rootcloud	树根互联	●
Mixing drum forward and backward rotation sensor (GPS Terminal-EMEA must be installed)	搅拌筒正反转（必须安装树根盒子）	●
Central control screen	中控屏	-
Embedded lock machine	预埋锁机	○
Blind zone radar	盲区雷达	○
Rear view camera	倒车摄像头	●
Around view monitor(AVM)	360 环视	-
ABS (axles need replacing)	ABS（需换车桥）	●
Cab roof warning light	驾驶室警示顶灯	○
Tyre	轮胎	○ 12.00R20
Hydraulic lift of main chute	主槽液压举升	-
Multiple auxiliary chutes	多节副槽	-
Toolkit	工具箱	○
Rear working light	后照灯	●
Mixing drum cleaning device	搅拌筒清扫杆	○
Hopper components	接料斗	●
Special coating	特殊涂装	○
Water tank capacity	水箱容积	○ 600L 铝合金 Al
The upper guardrail protecting net of mixing drum	搅拌筒上部护栏保护筛网	-