



SY310C-8S(V) 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(V)	
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)
	Engine	发动机	三一动力 Sany Power 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)	1670/1000-1500	
Emission standard	排放标准	Euro V	
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	12.00R20	
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	
Chassis 底盘配置	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)	坍塌度范围 (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	三一 Sany GM65D120
	Oil pump	油泵	三一 Sany 90
	Motor	马达	三一 Sany 90
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)	坍塌度范围 (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	三一 Sany GM65D120
	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(V)		
Item 名称		● Standard ● 标配	○ Option ○ 选配	- None - 无
Engine	发动机		○ 三一动力 Sany Power D09C5-380E3	
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		○ 11.00R20 ○ 12R22.5	
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		-	

SANY HEAVY INDUSTRY CO., LTD.

SANY Industrial Park, Economic and Technological Development Zone, Changsha, Hunan, China, 410100
Sales Hotline: 0086-731-85835199 Service Hotline: 0086-4006098318
Tel: 0086-731-85835199 Tel: 0086-4006098318
Mail: sales@sanyglobal.com Mail: CRD@sany.com.cn

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

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