



SY310C-8R(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.

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.

Self-developed integrated design

Upper parts and chassis integrated design take vehicle performance into account.

Brand new driving experience

Upgraded air-floating adjustable seat, the sleeper berth is 130mm wider and 90mm thicker, and 95L storage space is set under the sleeper, which is more comfortable and spacious, and brings customers a brand-new driving experience.

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.

Technical specifications 技术参数

Model 型号		SY310C-8R(R)	
Overall parameters 整车参数	Rudder direction	左右舵	右舵 Right
	Curb weight (kg)	整备质量 (kg)	14500 (VTA 认证参数)
	Full load weight (kg)	最大允许总质量 (kg)	25000 (VTA 认证参数)
	Dimension (L × W × H) (mm)	整车尺寸 (长 × 宽 × 高) (mm)	9105 × 2550 × 3985 (VTA 认证参数)
	Wheel base (mm)	轴距 (mm)	4090+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	日野 Hino P11C-UH
Displacement (L)	排量 (L)	10.52	
Rated power/Rev speed (kW/rpm)	额定功率 / 转速 (kW/rpm)	240/2100	
Max. torque/Rev speed (N.m/rpm)	最大扭矩 / 转速 (N.m/rpm)	1420/1100	
Emission standard	排放标准	Euro III	
Gear-box	变速箱	法士特 Fast 9JS150TA-B	
Front axle	前桥	9T	
Middle, rear axle	中、后桥	2 × 16T	
Cab	驾驶室	三一 CB318 驾驶室 Sany Cab CB318	
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	
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	普曼普 PMP PMB6.5
	Oil pump	油泵	三一 Sany 90
	Motor	马达	三一 Sany 90
Drum 上料参数	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	普曼普 PMP PMB6.5
	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-8R(R)		
Item 名称		● Standard ● 标配	○ Option ○ 选配	- None - 无
Engine	发动机			-
Reduction gear	减速机			-
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			-
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
Tel: 0086-731-85835199
Mail: sales@sanyglobal.com

Service Hotline: 0086-4006098318
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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