



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)
Chassis 底盘配置	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
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		—