

**SANY**<sup>®</sup>

# SY310C-6W(R) MIXER TRUCK

## SY310C-6W(R) 搅拌车



### ENERGY-SAVING TECHNOLOGY

The truck has smaller models but can undertake large weight. The engine dual power mode, coupled with the unique intelligent transmission's power matching technology results in a 10% fuel savings.

### ANTI-BUILDUP TECHNOLOGY

The flushing device, an innovative front taper and ball-crown connecting structure are installed at the rear taper, in order to clear stagnant aggregate from the dead space, and to prevent aggregate from piling up at front and rear tapers. Due to this, the residual rate at the discharge port declines to 0.4%.

### LEADING EDGES STEERING TECHNOLOGY

The large displacement power steering pump reduces operator effort by 40%. Optimizing chassis geometry and front axle steering angle reduces the turning circle by 15%.

### LOW DECK TECHNOLOGY

The truck is equipped with ultra-high strength integrated auxiliary frame, ensuring its stability and high strength. It can adapt to varied harsh conditions and improves its service life.

### IMPROVED BRAKING

By making full use of engine braking, braking distance has been reduced by 15% and brake lining wear is decreased by 50%. Sany uses a high volume air compressor, high quality piping, and new sealing technology that shortens air and build up time to quicken brake response time.

# TECHNICAL PARAMETER

## 技术参数

Model 型号		SY310C-6W(R)	
整车参数 Overall Parameters	Curb Weight(kg)	整备质量 (kg)	13800
	GVW(kg)	最大允许总质量 (kg)	37800
	Dimension (L×H×W)(mm)	整车尺寸 (长 × 宽 × 高)(mm)	9480×2500×3985
	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 <sub>0</sub> =30km/h)(m)	制动距离 (V <sub>0</sub> =30km/h) (m)	≤10(Full load) ≤9(Empty load)
发动机参数 Engine	Bore(mm)×Stroke(mm)	缸径 (mm)×行程 (mm)	φ126×130
	Displacement(L)	排量 (L)	9.726
	Rated Power/Rev Speed(kW/rpm)	额定功率 / 转速 (kW/rpm)	250/2200
	Max. Torque/Rev Speed(N.m/rpm)	最大扭矩 / 转速 (N.m/rpm)	1350/1200~1600
	Emissions	排放标准	EURO III
上装参数 Drum	Capacity(m <sup>3</sup> )	搅动容量 (m <sup>3</sup> )	10
	Feeding Speed(m <sup>3</sup> /min)	进料速度 (m <sup>3</sup> /min)	≥8
	Discharge Speed(m <sup>3</sup> /min)	出料速度 (m <sup>3</sup> /min)	≥5
	Discharge Residual Rate	出料残余率	≤0.5%
	Slump(mm)	坍落度范围 (mm)	50~210
	Water Tank Capacity(L)	水箱容积 (L)	450
	Water Pressure(MPa)	工作压力 (Mpa)	0.35~0.38
	Reduction Box	减速机	PMB6.5
	Hydraulic Pump	油泵	Rexroth A10VGT090
	Motor	马达	Rexroth A2FMT090
底盘配置 Chassis	Engine Model	发动机	Weichai WP10.340E32
	Gear-box	变速箱	Fast 9JS135TA
	Front Axle(t)	前桥 (t)	7.5
	Intermediate, Rear Axle(t)	中、后桥 (t)	2×13
	Cab	驾驶室	SANY Cab CB318
	Tyre	轮胎	11.00R20
	Brake	制动器	Front: φ410mm × 160mm Rear: φ410mm × 220mm
	Fuel Tank Capacity(L)	燃油箱 (L)	300

# OPTIONAL CONFIGURATION

## 可选配置

Model 型号		SY310C-6W(R)	
Item 名称	•Standard	○Option	-None
	• 标配	○ 选配	- 无
Engine	发动机	-	-
GPS Terminal-EMEA	树根互连盒子	-	-
Mixer 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)	-	-
Blind Zone of Radar	盲区雷达	○	-
Rear View Camera	倒车摄像头	○	-
ABS(Axles need replacing)	ABS (需换车桥)	-	-
Cab Warning Dome Light	驾驶室警示顶灯	○	-
Tyre	轮胎	○ 12R22.5	-
Mixer 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	○ 400L Al 铝合金 ○ 600L Al 铝合金 ○ 800L Steel 钢	-
the Upper Guardrail Protecting Net of Mixer Drum	搅拌筒上部护栏保护筛网	-	-



**SANY HEAVY INDUSTRY CO., LTD.**

SANY Industry Town, Changsha Economic and Technological Development Zone,  
Hunan Province, China  
Service Line: +86 4006 098 318 E-mail: crd@sany.com.cn

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