

**SANY**<sup>®</sup>

# SY310C-8(R) MIXER TRUCK

# SY310C-8(R) 搅拌车



## ENERGY-SAVING TECHNOLOGY

The truck is light in weight but it undertakes large weight. With dual-circuit power mode, the engine matches the transmission well. It saves 10% of fuel consumption.

## ANTI-BUILDUP TECHNOLOGY

An innovative front taper and ball-crown connecting structure, the mixer is shaped to prevent accumulation at front and rear tapers. The flushing device is installed at the rear taper, in order to clear accumulated concrete in the dead space. The residual rate at the discharging outlet is declined by 0.4%.

## LEADING EDGES STEERING TECHNOLOGY

The large displacement power steering pump reduces operator effort by 40%. By optimizing chassis geometry and front the front axle steering angle, the turning circle is reduced by 15%.

## LOW DECK TECHNOLOGY

The truck is equipped with ultra-high strength, integrated auxiliary frame to ensure its stability and high strength. It adapts to various rough conditions meanwhile prolongs 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-8(R)	
整车参数 Overall Parameters	Rudder Direction	左右舵	Right
	Curb Weight(kg)	整备质量 (kg)	13700
	GVW(kg)	最大允许总质量 (kg)	37700
	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)	φ122×150
	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
	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)	坍塌度范围 (mm)	50~210
	Water Tank Capacity(L)	水箱容积 (L)	600
	Water Pressure(MPa)	工作压力 (Mpa)	0.35~0.38
	Reducer	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
Gear-box		变速箱	Fast 9JS150TA-B
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-8(R)	
Item 名称	Item 名称	•Standard	○Option
		• 标配	○ 选配
Engine	发动机	-	-
Oil Pump	油泵	-	-
Motor	马达	-	-
GPS Terminal-EMEA	树根互联盒子		○
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 Radar	盲区雷达		○
Rear View Camera	倒车摄像头		○
ABS(Axles need replacing)	ABS (需换车桥)	-	-
Cab Roof 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 ○ 800L Al 铝合金
the Upper Guardrail Protecting Net of Mixer Drum	搅拌筒上部护栏保护筛网		-



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