

SANY[®]

SY312C-8(V) MIXER TRUCK

SY312C-8(V) 搅拌车

SELF-DEVELOPPED INTEGRATED DESIGN

Upper parts and chassis integrated design take vehicle performance into account. Vehicle center of mass lowered 120mm by improve "no sub frame" structure matching with high strength frame. Driving is safer and more reliable.

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.

DISTINCT ADVANTAGE IN CARRYING CAPACITY

Carrying capacity increased by 20% by using the 9T front axle and 16T intermediate axle and rear axle. 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%, weight reduced by 298kg, 8 years long service life. Lighter, more reliable, more economical and more valuable.

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 PARAMETER

技术参数

Model 型号		SY312C-8(V)		
整车参数 Overall Parameters	Rudder Direction	左右舵	左舵 Left	
	Curb Weight(kg)	整备质量 (kg)	14850	
	GVW(kg)	最大允许总质量 (kg)	43650	
	Dimension (L×H×W)(mm)	整车尺寸 (长×宽×高)(mm)	9945×2500×3985	
	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)	≤45	
	Braking Distance(V ₀ =30km/h)(m)	制动距离 (V ₀ =30km/h)(m)	≤10(Full load); ≤9(Empty load)	
底盘配置 Chassis	Engine Model	发动机	日野 Hino P11C-WC	
	Displacement(L)	排量 (L)	10.52	
	Rated Power/Rev Speed(kW/rpm)	额定功率 / 转速 (kW/rpm)	259/1900	
	Max. Torque/Rev Speed(N.m/rpm)	最大扭矩 / 转速 (N.m/rpm)	1488/1100	
	Emissions	排放标准	China V	
	Gear-box	变速箱	法士特 Fast 9JS150TA-B	
	Front Axle(t)	前桥 (t)	9	
	Intermediate, Rear Axle(t)	中、后桥 (t)	2×16	
	Cab	驾驶室	三一 CB318 驾驶室 Sany Cab CB318	
	Tyre	轮胎	12.00R20	
	Brake	制动型式	气压双回路鼓式制动 Pneumatic dual-circuit braking system with drum	
	Fuel Tank Capacity(L)	燃油箱 (L)	300L	
	上装参数 Drum	Capacity(m ³)	搅动容量 (m ³)	12
		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(mm)		坍落度范围 (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	
Reducer		减速机	普曼普 PMP PMB7.1	
Hydraulic Pump		油泵	力士乐 Rexroth A10VGT090	
Motor	马达	力士乐 Rexroth A2FMT090		

OPTIONAL CONFIGURATION

可选配置

Model 型号		SY312C-8(V)	
Item 名称		•Standard	○Option -None
		•标配	○选配 -无
Engine	发动机		-
Oil Pump	油泵		○三一 Sany P4VC090NHW
Motor	马达		○三一 Sany M2F090NCWV
GPS Terminal-EMEA	树根互联		○
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)		○
Embedded Lock Machine	预埋锁机		○
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		○ 11.00R20
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		○ 600L 铝合金 Al
the Upper Guardrail Protecting Net of Mixer Drum	搅拌筒上部护栏保护筛网		-



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