

SANY[®]

SY412C-8 MIXER TRUCK

SY412C-8 搅拌车

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.

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.



TECHNICAL PARAMETER

技术参数

Model 型号		SY412C-8		
整车参数 Overall Parameters	Rudder Direction	左右舵	左舵 Left	
	Curb Weight(kg)	整备质量 (kg)	15000(GCC)	
	Full Load Weight(kg)	最大允许总质量 (kg)	43800(GCC)	
	Dimension (L×H×W)(mm)	整车尺寸 (长×宽×高)(mm)	9830×2500×4000(GCC)	
	Wheel Base(mm)	轴距 (mm)	1700+3175+1350	
	Min. Ground Clearance(mm)	最小离地间隙 (mm)	≥240	
	Min. Turning Diameter(m)	最小转弯直径 (m)	≤22	
	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)	
底盘配置 Chassis	Engine Model	发动机	日野 Hino P11C-UJ	
	Displacement(L)	排量 (L)	10.52	
	Rated Power/Rev Speed(kW/rpm)	额定功率 / 转速 (kW/rpm)	259/2100	
	Max. Torque/Rev Speed(N.m/rpm)	最大扭矩 / 转速 (N.m/rpm)	1460/1100	
	Emissions	排放标准	Euro III	
	Gear-box	变速箱	法士特 Fast 9JS150TA-B	
	Front Axle(t)	前桥 (t)	2×7.5	
	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	315/80R22.5	
	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)	300	
	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)	800	
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	三一 Sany 90	
Motor		马达	三一 Sany 90	

OPTIONAL CONFIGURATION

可选配置

Model 型号		SY412C-8	
Item 名称		•Standard	○Option
		•标配	○选配
Engine	发动机	-	-
Reduction Gear	减速机	-	-
Rootcloud	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	○	400L 铝合金 AI 600L 铝合金 AI
the Upper Guardrail Protecting Net of Mixer Drum	搅拌筒上部护栏保护筛网	-	-



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