

SANY®

SY412C-6W MIXER TRUCK

SY412C-6W 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-6W
整车参数 Overall Parameters	Rudder Direction	左右舵	左舵 Left
	Curb Weight(kg)	整备质量 (kg)	14660 (GCC 认证参数)
	GVW(kg)	最大允许总质量 (kg)	43460 (GCC 认证参数)
	Dimension (L×H×W)(mm)	整车尺寸 (长 × 宽 × 高)(mm)	9825×2525×3980 (GCC 认证参数)
	Wheel Base(mm)	轴距 (mm)	1900+2950+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	潍柴 Weichai WP12.430N
	Displacement(L)	排量 (L)	11.596
	Rated Power/Rev Speed(kW/rpm)	额定功率 / 转速 (kW/rpm)	316/1900
	Max. Torque/Rev Speed(N.m/rpm)	最大扭矩 / 转速 (N.m/rpm)	2060/1000-1400
	Emissions	排放标准	Euro III
	Gear-box	变速箱	法士特 Fast 12JSDX240TA
	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	Front: 385/65R22.5 Rear: 315/80R22.5
	Brake	制动型式	气压双回路鼓式制动 Pneumatic Dual-circuit Drum Brake
	Gas Tank Capacity(L)	燃油箱 (L)	300L
上装参数 Drum	Capacity(m³)	搅动容量 (m³)	12
	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(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-6W
功能选配 Optional Functions	Item 名称		●Standard ● 标配 ○Option ○ 选配 -None - 无
	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	-
	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 AI
	the Upper Guardrail Protecting Net of Mixer Drum	搅拌筒上部护栏保护筛网	-

