



# SY408C-8FRBEV TRUCK MIXER

## 100% Performance 0% Emissions

CO<sub>2</sub> emissions reduced up to 100%(184.8kg), significantly reduced sound level, Fuel consumption reduced by up to 70L of diesel.

## Powerful performance More intelligence

Peak power 360kw motor engine matching 6 speed transmission allow maximum grade ability of 30%. Cockpit with 360-degree panoramic image makes the driver receive a complete overview of the fleet,

## Durable mileage

Equipped with 282kwh battery, it needs charged only once in a day and can operate over 150km under routine conditions.

## Reduced sound level

Low-noise machines protect residents and the personnel working directly on the onstruction site, with SANY-eMixer, the noise level can be significantly reduced to protect the health of everyone in the vicinity.

# Technical specifications 技术参数

Model 型号		SY408C-8FRBEV
Rudder direction	左右舵	右舵 Right
Curb weight (kg)	整备质量 (kg)	14100
Full load weight (kg)	最大允许总质量 (kg)	30000
Dimension (L × W × H) (mm)	整车尺寸 (长 × 宽 × 高) (mm)	9940 × 2500 × 3850
Wheel base(mm)	轴距 (mm)	1700+3250+1350
Min. ground clearance(mm)	最小离地间隙 (mm)	≥ 260
Min. turning diameter(m)	最小转弯直径 (m)	≤ 22
Gradient (%)	爬坡度 (%)	≥ 30%
Energy consumption(kWh/100km)	百公里电耗 (kWh/100km)	≤ 150
EV endurance mileage (constant speed method, 40km/h)	续航里程 (标载, 40km/h 等速) (km)	230
EV endurance mileage (working condition method, km)	续航里程 (标载, 综合工况) (km)	160
Braking Distance $V_0=30\text{km/h}$ (m)	制动距离 $V_0=30\text{km/h}$ (m)	-
Drive motor type	驱动电机型式	永磁同步、水冷 Permanent magnet synchronous motor Water cooling
Drive motor model	驱动电机型号	TZ388XSLGE03
Rated voltage (V)	额定电压 (V)	600
Rated power / rev speed/ torque (kW/rpm/N.m)	额定功率 / 转速 / 转矩 (kW/rpm/N.m)	250/1800/1330
Peak power / rev speed / tTorque (kW/rpm/N.m)	峰值功率 / 转速 / 转矩 (kW/rpm/N.m)	360/3000/2400
Gear-box type	变速箱型式	AMT 手自一体
Gear-box model	变速箱型号	6E240
Gear ratio	各档速比	8.507/4.943/2.994/1.876/1.216/1
Power battery type	电池型式	磷酸铁锂电池 LFP Battery
Total energy storage (kWh)	总储电量 (kWh)	281.92
Charging mode	补能方式	双枪直流快充 Double Gun DC Charging
Charging standard	充电标准	欧标 European Standard
Charging power (kW)	充电功率 (kW)	240
Charging time (min)	补能时间 (min)	90
High voltage controller	高压控制器	汇川五合一 Inovance 5 in 1
Front axle	前桥	2 × 7.5T
Middle, rear axle	中、后桥	2 × 11.5T
Cab	驾驶室	三一 CB318 驾驶室 Sany Cab CB318
Tyre	轮胎	11R22.5
Brake type	制动型式	气压双回路鼓式制动 Pneumatic dual-circuit drum brake

整车参数  
Overall parameters

底盘配置  
Chassis

	ABS	ABS	AEBS
Mixing capacity (m³)	搅动容量 (m³)		8
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%
Water tank capacity (L)	水箱容积 (L)		300
Water pressure (Mpa)	供水工作压力 (Mpa)		0.35 - 0.38
Reduction gear	减速机		卓士博 TOP PE68
Operating handle	操作手柄		电控 Electric Control
Controller	控制器		英威腾 INVT
Drive motor type	驱动电机型号		EV450
Combined instrument	仪表		12.3 吋全液晶 12.3-inch All-LCD
Multimedia system	多媒体		10.1 吋中控屏 10.1-inch display
Rootcloud	树根互联		●
Driving recorder	行车记录仪		●
Energy recovery	能量回收调节		●
Adaptive cruise control	自动巡航		-
Cruise control	定速巡航		●
Overspeed protection	车速超限保护		●
Predictive maintenance	预测性维护		●
E/P mode	E/P 模式切换		●
ESC	ESC 电子稳定控制系统		●
Rear view mirror defrosting	后视镜除霜		●
Around view monitor (AVM)	360 全景环视		全景无环视 Panoramic without around view
Forward collision warning (FCW)	FCW 前向碰撞预警		●
Lane departure warning (LDW)	LDW 车道偏离预警		●
Blind spot detection (BSD)	BSD 盲区监测		●
Rear view camera/radar	倒车影像 / 雷达		影像 Rear view camera

上装参数  
Drum

智能化配置  
Intelligent configuration

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The product configuration (including technical parameters) is subject to change and the delivered actual machine without notice.

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