



SY410C-8K(Dry) TRUCK MIXER



Self-developed integrated design

The integrated design of the upper and chassis parts takes into account the performance of the whole vehicle. By improving the "no sub-frame" structure and matching the high-strength frame, the center of mass of the whole vehicle is reduced by 120mm, and the driving is safer and more reliable.

Platinum power chain

Cummins M10 + 12 gearbox, standard hydraulic retarder, optional AMT, 410ps super power, excellent oil adaptability, lower fuel consumption, higher reliability

Industry-leading mixing drum technology

The mixing drum adopts Sany custom ultra-high-strength wear-resistant steel, which extends the service life of the drum by 30% and can be guaranteed for 8 years without worry. Lighter, more reliable, more economical and more valuable.

Excellent driving experience

The new 329 cab, appearance, safety, comfort, intelligence fully upgraded, 360 surround view, high definition central control large screen, LCD instrument, shift air assist, etc., bring a new driving experience.

Lightweight design

Vehicle modular, lightweight design, structural integration optimization, the use of aluminum alloy parts, low carbon, environmental protection, more economical.

Technical specifications 技术参数

Model 型号		SY410C-8K(Dry)	
Overall parameters 整车参数	Rudder direction	左右舵	左舵 Left
	Curb weight (kg)	整备质量（kg）	15300
	Full load weight (kg)	最大允许总质量（kg）	39300
	Dimension (L×W×H) (mm)	整车尺寸（长×宽×高）（mm）	10050×2550×3930
	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)
Chassis 底盘配置	Engine	发动机	康明斯 Cummins M10E3 410
	Displacement (L)	排量（L）	9.9
	Rated power/Rev speed (kW/rpm)	额定功率 / 转速（kW/rpm）	301/1900
	Max. torque/Rev speed (N.m/rpm)	最大扭矩 / 转速（N.m/rpm）	2000/900-1400
	Emission standard	排放标准	Euro III
	Gear-box	变速箱	Fast 12JSDX240TA
	Front axle	前桥	2×7.5T
	Middle, rear axle	中、后桥	2×16T
	Cab	驾驶室	三一 CB329 驾驶室 Sany Cab CB329
	Tyre	轮胎	315/80R22.5
	Brake type	制动型式	气压双回路鼓式制动 Pneumatic dual-circuit drum brake
	Fuel tank	燃油箱（L）	300L
Drum 上装参数	Mixing capacity (m³)	搅动容量（m³）	10
	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 scope (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
	Reduction gear	减速机	普曼普 PMP PMB7.1
	Oil pump	油泵	三一 Sany 90
	Motor	马达	三一 Sany 90

Optional configuration 可选配置

Model 型号		SY410C-8K(Dry)	
Item 名称		● Standard ● 标配	○ Option - None ○ 选配 - 无
Engine	发动机	-	
Reduction gear	减速机	-	
Mixing drum type	搅拌筒型式	○ 湿式	
Driving recorder	行车记录仪	-	
Rootcloud	树根互联	●	
Mixing 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）	●	
Central control screen	中控屏	●	
Embedded lock machine	预埋锁机	○	
Blind zone radar	盲区雷达	○	
Rear view camera	倒车摄像头	●	
Around view monitor(AVM)	360 环视	●	
ABS (axles need replacing)	ABS（需换车桥）	●	
Cab roof warning light	驾驶室警示顶灯	○	
Tyre	轮胎	○ 12R22.5	
Hydraulic lift of main chute	主槽液压举升	●	
Multiple auxiliary chutes	多节副槽	●	
Toolkit	工具箱	○	
Rear working light	后照灯	●	
Mixing 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 mixing drum	搅拌筒上部护栏保护筛网	-	