



SITRAK-G5S

8x4 Mixer Cab & Chassis

SITRAK-G5S 8x4 Mixer

Weight Parameters	Kerb Weight (kg)		8150	Transmission	Model		Allison 4430P		
	Axle load (kg)	Front Axle	5482		Ratio (forward)		4.70,2.21,1.53,1.00,0.76,0.67		
		Rear Axle	2668						
	GVM(kg)		31000	Driving axle	Ratio (reverse)		5.55		
	Design Axle Load(kg)	Front Axle	13000(Total)		Model		MCY11BES		
Rear Axle		18000(Total)							
Capability	Max speed (km/h)		100	Front axle	Diff. lock		interwheel & interaxle diff. lock		
	Min. turning diameter (m)		23		Model		VPD71DS		
	Max gradeability (%)		≥25		Tire		Rim		Front 22.5×9.0 aluminium , Rear 22.5×8.25 aluminium
	Max parking grade (%)		≥18	Types			Front 295/80R22.5-18PR Rear 11R22.5-16PR		
	fuel tank capacity (L)		220	Frame	Model		A trapezoidal frame with a wide front and narrow rear		
Dimension	Long (mm)	8250	Main beam cross-section (mm)		Slot Type 280×80×8				
	Width (mm)	2488	Side beam cross section (mm)		-				
	Hight (mm)(Unload)	3155	Width of frame (mm)		Front 940 Rear 850				
Wheelbase (mm)		1800+2625+1400	Suspension		Model		Non-independence suspension		
wheel track (mm)	Front	2065		Front	Parabolic springs	3/3			
	Rear	1850		Rear	air suspension	2+/-2+-			
Approach angle (°)	Approach angle (°)		13	Steering	Model		Recirculating ball hydraulic power Steering wheel		
	Departure angle (°)		33		Ratio		22.2 ~ 26.2:1		
	Front overhang (mm)		1450		Max pressure of pump (kPa)		20000		
	Rear overhang (mm)		975		Steering way		Steering wheel		
	height of fifth wheel ground clearance (mm) (unload)		-	Braking system	Working pressure (kPa)		1250		
	Cabin	Model			G5S-M	Service Braking type		Dual circuit compressed air brake	
		Passenger capacity			2	Brake power adjust type		EBS+ESC+HSA	
Turing radius (mm)		2410	Parking brake type		Spring stored energy air cut brake				
Engine	Model		MC07H.35-61	Electrics	Circuit type		dual		
	Displacement (L)		7.36		Operating voltage (V)		24		
	Power rating kW/(r/min)		254/2200		Generator power (kW)		3.08		
	Max torque Nm/(r/min)		1400/(1200~1600)		Batteries (V/Ah)		2×12/180		
Clutch	Model		/	other specification	AEBS+LDW				
	Operation		/						

The above technical parameters are for reference only. Any changes will not be notified separately

