SITRAK



SITRAK-G5S

8x4 Tipper Cab & Chassis

SITRAK-G5S 8x4 Tipper

Weight Parameters	Kerb Weight (kg)		8290	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	2808				
	GVM(kg)		31000		Ratio (reverse)		5.55
	Design Axle Load(kg)	Front Axle	13000(Total)	Driving axle	Model		MCY11BES
		Rear Axle	18000(Total)		Main drive Ratio	Ratio	5.29
Capability	Max speed (km/h)		100		Diff. lock		Interwheel & Interaxle diff lock
	Min. turning diameter (m)		22.5	Front axle	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				
Dimensions	Dimension	Long (mm)	8775	Frame	Model		A trapezoidal frame with a wide front and narrow rear
		Width (mm)	2489				
		Hight (mm)(Unload)	3155		Main beam cross-section (mm)		Slot Type 280×80×8
	Wheelbase (mm)		1800+3300+1400		Side beam cross section (mm)		-
	wheel track (mm)	Front	2065		Width of frame (mm)		Front 940 Rear 850
		Rear	1850	Suspension	Model		Non-independence suspension
	Approach angle (°)		13		Front	Parabolic springs	3/3
	Departure angle (°)		33		Rear	air suspension	2+-/2+-
	Front overhang (mm)		1450	Steering	Model		Recirculating ball hydraulic power Steering wheel
	Rear overhang (mm)		825		Ratio		22.2 ～ 26.2:1
	height of fifth wheel ground clearance (mm)（unload）		-		Max pressure of pump (kPa)		20000
	Front/Rear fitting radius(mm)		-		Steering way		Steering wheel
Cabin	Model		G5S-M	Braking system	Working pressure (kPa)		1250
	Passenger capacity		2		Service Braking type		Dual circuit compressed air brake
	Turing radius (mm)		2410		Brake power adjust type		EBS+ESC+HSA
Engine	Model		MC07H.35-61		Parking brake type		Spring stored energy air cut brake
	Displacement (L)		7.36	Electrics	Circuit type		dual
	Power rating kW/(r/min)		254/2200		Operating voltage (V)		24
	Max torque Nm/(r/min)		1400/(1200~1600)		Generator power (kW)		3.08
Clutch	Model		/		Batteries (V/Ah)		2×12/180
	Operation		/	other specification	AEBS+LDW		

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

