SITRAK

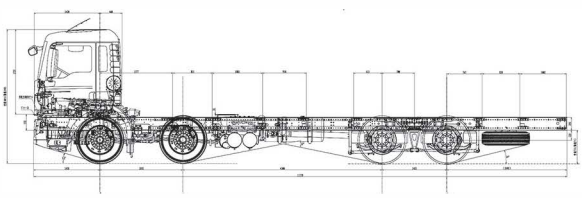
SITRAK-G5S

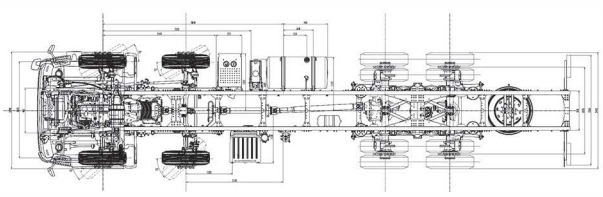
8x4 Cargo Cab & Chassis

SITRAK-G5S 8x4 Cargo

Weight Parameters	Kerb Weight (kg)		8960	Transmission	Model	Allison 4430	
	Axle load（kg）	Front Axle	5550		Ratio (forward)	4.70,2.21,1.53,1.00,0.76,0.67	
		Rear Axle	4350		Ratio (reverse)	5.55	
	GVM(kg)		31000	Driving axle	Model	MCY11BES	
	Design Axle Load(kg)	Front Axle	13000(Total)		Main drive Ratio	Ratio	5.29
		Rear Axle	18000(Total)		Diff. lock	interwheel & interaxle diff. lock	
Capability	Max speed (km/h)		100	Front axle	Model	VPD71DS	
	Min. turning diameter (m)		28.5	Tire	Rim	Front 22.5×9.0 aluminium，Rear 22.5×8.25 aluminium	
	Max gradeability (%)		≥30				
	Max parking grade (%)		≥20		Types	Front 295/80R22.5-18PR Rear 11R22.5-16PR	
	fuel tank capacity (L)		400				
Dimensions	Dimension	Long (mm)	11530	Frame	Model	A trapezoidal frame with a wide front and narrow rear	
		Width (mm)	2490		Main beam cross-section (mm)	Slot Type 280×80×8	
		Hight (mm)(Unload)	3055		Side beam cross section (mm)	-	
	Wheelbase (mm)		1800+4300+1400		Width of frame (mm)	Front 965 Rear 850	
	wheel track (mm)	Front	2065	Suspension	Model	Non-independence suspension	
		Rear	1870		Front	Parabolic springs	3
	Approach angle (°)		14		Rear	air suspension	8 air bag
	Departure angle (°)		16	Steering	Model	Recirculating ball hydraulic power Steering wheel	
	Front overhang (mm)		1430		Ratio	22.2 ～ 26.2:1	
	Rear overhang (mm)		2600		Max pressure of pump (kPa)	20000	
	height of fifth wheel ground clearance (mm)（unload）		-		Steering way	Steering wheel	
	Front/Rear fitting radius(mm)		-	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	
	Max torque Nm/(r/min)		1412/1200-1700		Batteries (V/Ah)	2×12/180	
Clutch	Model		AT Transmission, no clutch	other specification	AEBS+LDW		
	Operation		/				

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





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