



SITRAK-G7S E-Cab

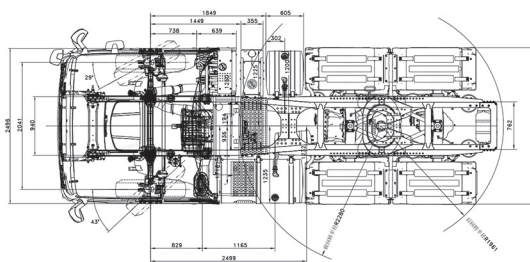
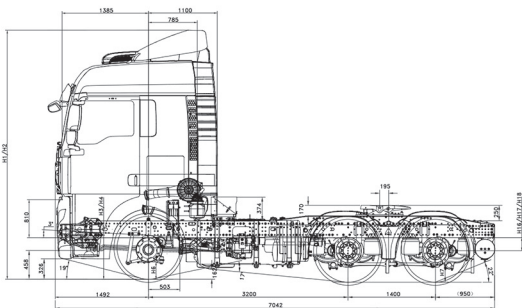
6x4 PRIME MOVER

SITRAK-G7S 6x4 PRIME MOVER

(E-Cab)

Weight Parameters	Kerb Weight (kg)		8800	Transmission	Model		ZF 12TX2621TD		
	Axle load (kg)	Front Axle	4820		Ratio (forward)	16.688, 12.924, 9.926, 7.688, 5.895, 4.656, 3.655, 2.831, 2.174, 1.684, 1.291, 1.00			
		Rear Axle	3980			Ratio (reverse)	15.537, 12.033		
	GVM(kg)		25000	Driving axle	Model		MCY13BES		
	GCM(kg)		90000		Main drive Ratio	Ratio	3.08/3.36/3.7		
	Design Axle Load(kg)	Front Axle	7000			Diff. lock		interwheel & interaxle diff. lock	
Rear Axle		18000							
Capability	Max speed (km/h)		100	Front axle	Model		VPD71DS		
	Min. turning diameter (m)		15.5	Tire	Rim		Front 22.5×9.0 aluminium allo Rear 22.5×8.25 aluminium alloy		
	Max gradeability (%)		≥30		Types		Front 295/80R22.5 Rear 11R22.5		
	Max parking grade (%)		≥20						
	fuel tank capacity (L)		700+240						
Dimensions	Dimension	Long (mm)	7042	Frame	Model		A trapezoidal frame with a wide front and narrow rear		
		Width (mm)	2500		Main beam cross-section (mm)		Slot Type 270×85×8		
		Hight (mm)(Unload)	3980		Side beam cross section (mm)		-		
	Wheelbase (mm)		3200+1400		Width of frame (mm)		Front 942 Rear 762		
	wheel track (mm)	Front	2041	Suspension	Model		Non-independence suspension		
		Rear	1842		Front	Parabolic springs	3		
	Approach angle (°)		19		Rear	air suspension	8 air springs		
	Departure angle (°)		22	Steering	Model		Recirculating ball hydraulic power Steering wheel		
	Front overhang (mm)		1492		Ratio		17 ~ 20:1		
	Rear overhang (mm)		950		Max pressure of pump (kPa)		20000		
	height of fifth wheel ground clearance (mm) (unload)		1250		Steering way		Steering wheel		
	Front/Rear fitting radius(mm)		2280/1961						
						Working pressure (kPa)		1250	
Cabin	Model		G7S-E	Braking system	Service Braking type		Dual circuit compressed air brake		
	Passenger capacity		2		Brake power adjust type		EBS+ESC+HSA		
	Turning radius (mm)		3040		Parking brake type		Spring stored energy air cut brake		
Engine	Model		MC13.54-61	Electrics	Circuit type		dual		
	Displacement (L)		12.42		Operating voltage (V)		24		
	Power rating kW/(r/min)		400/1800		Generator power (kW)		3		
	Max torque Nm/(r/min)		2500/950-1400		Batteries (V/Ah)		2×12/240		
					NH/4c PTO (matched with ZF Traxon transmission/gear ratio0.78/430Nm/direct drive)		ACC+AEBS+LDW		
Clutch	Model		430 Push-Type Diaphragm Spring Clutch	other specification					
	Operation		Electronically Controlled Pneumatic Power Assist Operation						

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





SITRAK-G7S P-Cab

6x4 PRIME MOVER

SITRAK-G7S 6x4 PRIME MOVER

(P-Cab)

Weight Parameters	Kerb Weight (kg)		8800	Transmission	Model		ZF 12TX2621TD	
	Axle load (kg)	Front Axle	4820		Ratio (forward)	16.688, 12.924, 9.926, 7.688, 5.895, 4.656, 3.655, 2.831, 2.174, 1.684, 1.291, 1.00		
		Rear Axle	3980			Ratio (reverse)	15.537, 12.033	
	GVM(kg)		25000	Driving axle	Model		MCY13BES	
	Design Axle Load(kg)	Front Axle	7000		Main drive Ratio	Ratio	3.08/3.36/3.7	
Rear Axle		18000	Diff. lock		interwheel & interaxle diff. lock			
Capability	Max speed (km/h)		100	Front axle	Model		VPD71DS	
	Min. turning diameter (m)		14	Tire	Rim		Front 22.5×9.0 aluminium allo Rear 22.5×8.25 aluminium alloy	
	Max gradeability (%)		≥34		Types		Front 295/80R22.5 Rear 11R22.5	
	Max parking grade (%)		≥20		fuel tank capacity (L)		700+240	
	Dimensions	Dimension	Long (mm)	7025	Frame	Model		A trapezoidal frame with a wide front and narrow rear
Width (mm)			2490	Main beam cross-section (mm)		Slot Type 270×85×8		
Hight (mm)(Unload)			3317	Side beam cross section (mm)		-		
Wheelbase (mm)		3200+1400	Width of frame (mm)	Front 942 Rear 762				
wheel track (mm)		Front	2041	Suspension	Model		Non-independence suspension	
		Rear	1842		Front	Parabolic springs	3	
Approach angle (°)		19	Rear	air suspension	8 air springs			
Departure angle (°)		22		Steering	Model		Recirculating ball hydraulic power Steering wheel	
Front overhang (mm)		1475	Ratio		17 ~ 20:1			
Rear overhang (mm)		950	Max pressure of pump (kPa)		20000			
height of fifth wheel ground clearance (mm)(unload)		1260	Steering way		Steering wheel			
Front/Rear fitting radius(mm)		2280/1961	Cabin		Model		G7S-P	
Model		G7S-P			Braking system	Working pressure (kPa)	1250	
Passenger capacity		2		Service Braking type		Dual circuit compressed air brake		
Turing radius (mm)		2807	Brake power adjust type	EBS+ESC+HSA				
Engine	Model		MC13.54-61	Electrics	Parking brake type		Spring stored energy air cut brake	
	Displacement (L)		12.42		Circuit type	dual		
	Power rating kW/(r/min)		400/1800		Operating voltage (V)	24		
	Max torque Nm/(r/min)		2500/950-1400		Generator power (kW)	3		
Clutch	Model		430 Push-Type Diaphragm Spring Clutch	other specification	Batteries (V/Ah)		2×12/240	
	Operation		Electronically Controlled Pneumatic Power Assist Operation		NH/4c PTO (matched with ZF Traxon transmission/gear ratio0.78/430Nm/direct drive)		ACC+AEBS+LDW	

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