



SITRAK

SITRAK-C9H

6x4 PRIME MOVER

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Weight Parameters	Kerb Weight (kg)		9400		Transmission	Model		ZF 12TX3221TO		
	Axle load (kg)	Front Axle	5150			Ratio (forward)	12.924,9.982,7.688,5.938,4.565,3.526,2.831,2.187,1.684,1.301,1.000,0.772;			
		Rear Axle	4250				Ratio (reverse)	12.033,9.293		
	GVM(kg)		25000		Driving axle	Model		MCY13BES		
	Design Axle Load(kg)	Front Axle	7000			Main drive Ratio	Ratio	3.36		
Rear Axle		18000		Diff. lock			interwheel & interaxle diff. lock			
Capability	Max speed (km/h)		100		Front axle	Model		VPD75ES		
	Min. turning diameter (m)		18.5			Tire	Rim		Front 22.5×9.0, Rear 22.5×8.25	
	Max gradeability (%)		≥35		Types		Front 295/80R22.5 Rear 11R22.5			
	Max parking grade (%)		≥20				Model		ladder framework	
	fuel tank capacity (L)		1000		Main beam cross-section (mm)		C type 270×85×8			
Dimensions	Dimension	Long (mm)	7042		Frame	Side beam cross section (mm)		-		
		Width (mm)	2500			Width of frame (mm)		Front 940 Rear 760		
		Height (mm) (Unload)	3980			Model		Non-independence suspension		
	Wheelbase (mm)		3200+1400			Suspension	Front	Parabolic springs	3	
	wheel track (mm)	Front	2041		Rear		air suspension	8 air springs		
		Rear	1830		Steering	Model		Recirculating ball hydraulic power Steering wheel		
	Approach angle (°)		14			Ratio		17 ~ 20:1		
	Departure angle (°)		26			Max pressure of pump (kPa)		18300		
	Front overhang (mm)		1492			Steering way		Steering wheel		
	Rear overhang (mm)		950			Working pressure (kPa)		1250		
	height of fifth wheel ground clearance (mm) (unload)		1240			Service Braking type		Dual circuit compressed air brake		
Front/Rear fitting radius(mm)		2260/2010		Braking system	Brake power adjust type		EBS+ESC+HSA			
Cabin	Model		C9H-E		Parking brake type		Spring stored energy air cut brake			
	Passenger capacity		2		Electrics	Circuit type		dual		
	Turning radius (mm)		3040			Operating voltage (V)		24		
Engine	Model		WP15H660E62A			Generator power (kW)		3		
	Displacement (L)		15.3			Batteries (V/Ah)		2×12/240		
	Power rating kW/(r/min)		485/1800		Clutch	Model		430 diaphragm model		
Max torque Nm/(r/min)		3200/1200-1400		Operation		Electronically Controlled Pneumatic Power Assist Operation				
other specification		NH/4c PTO (matched with ZF Traxon transmission/gear ratio1.11/430Nm/direct drive) ACC+AEBS+LDW								

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

