



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	
GCM(kg)		90000	Front axle	Model		VPD75ES			
Capability	Max speed (km/h)			100	Tire	Rim	Front 22.5×9.0, Rear 22.5×8.25		
	Min. turning diameter (m)		18.5	Types		Front 295/80R22.5 Rear 11R22.5			
	Max gradeability (%)		≥35		Frame	Model		ladder framework	
	Max parking grade (%)		≥20	Main beam cross-section (mm)		C type 270×85×8			
	fuel tank capacity (L)		1000	Side beam cross section (mm)		-			
Dimensions	Dimension	Long (mm)	7042	Suspension	Model		Non-independence suspension		
		Width (mm)	2500		Front	Parabolic springs	3		
		Hight (mm) (Unload)	3980			Rear	air suspension	8 air springs	
	Wheelbase (mm)		3200+1400		Steering		Model		Recirculating ball hydraulic power Steering wheel
	wheel track (mm)	Front	2041	Ratio		17 ~ 20:1			
		Rear	1830		Max pressure of pump (kPa)		18300		
	Approach angle (°)		14	Electrics	Circuit type		dual		
	Departure angle (°)		26		Operating voltage (V)		24		
	Front overhang (mm)		1492		Generator power (kW)		3		
	Rear overhang (mm)		950		Batteries (V/Ah)		2×12/240		
	Cabin	height of fifth wheel ground clearance (mm) (unload)		1240	other specification	NH/4c PTO (matched with ZF Traxon transmission/gear ratio1.11/430Nm/direct drive) ACC+AEBS+LDW			
		Front/Rear fitting radius(mm)		2260/2010		Braking system	Working pressure (kPa)		1250
		Model		C9H-E	Service Braking type		Dual circuit compressed air brake		
	Engine	Passenger capacity		2	Brake power adjust type		EBS+ESC+HSA		
Model		WP15H660E62A	Parking brake type		Spring stored energy air cut brake				
Displacement (L)		15.3	Circuit type		dual				
Power rating kW/(r/min)		485/1800	Operating voltage (V)		24				
Clutch	Max torque Nm/(r/min)		3200/1200-1400	Generator power (kW)		3			
	Model		430 diaphragm model	Batteries (V/Ah)		2×12/240			
Operation		Electronically Controlled Pneumatic Power Assist Operation							

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

