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				
	GVM(kg)		25000		Ratio (reverse)		12.033,9.293
	GCM(kg)		90000	Driving axle	Model		MCY13BES
	Design Axle Load(kg)	Front Axle	7000		Main drive Ratio	Ratio	3.08
		Rear Axle	18000				
Capability	Max speed (km/h)		100		Diff. lock		interwheel & interaxle diff. lock
	Min. turning diameter (m)		18.5	Front axle	Model		VPD75ES
	Max gradeability (%)		≥35	Tire	Rim		Front 22.5×9.0，Rear 22.5×8.25
	Max parking grade (%)		≥20		Types		Front 295/80R22.5 Rear 11R22.5
	fuel tank capacity (L)		1000	Frame	Model		ladder framework
Dimensions	Dimension	Long (mm)	7042		Main beam cross-section (mm)		C type 270×85×8
		Width (mm)	2500		Side beam cross section (mm)		-
		Hight (mm) (Unload)	3980		Width of frame (mm)		Front 940 Rear 760
	Wheelbase (mm)		3200+1400	Suspension	Model		Non-independence suspension
	wheel track (mm)	Front	2041		Front	Parabolic springs	3
		Rear	1830		Rear	air suspension	8 air springs
	Approach angle (°)		14	Steering	Model		Recirculating ball hydraulic power Steering wheel
	Departure angle (°)		26				
	Front overhang (mm)		1492		Ratio		17 ～ 20:1
	Rear overhang (mm)		950		Max pressure of pump (kPa)		18300
	height of fifth wheel ground clearance (mm)（unload）		1240		Steering way		Steering wheel
	Front/Rear fitting radius(mm)		2260/2010	Braking system	Working pressure (kPa)		1250
Cabin	Model		C9H-E		Service Braking type		Dual circuit compressed air brake
	Passenger capacity		2		Brake power adjust type		EBS+ESC+HSA
	Turing radius (mm)		3040		Parking brake type		Spring stored energy air cut brake
Engine	Model		WP15H660E62A				
	Displacement (L)		15.3	Electrics	Circuit type		dual
	Power rating kW/(r/min)		485/1800		Operating voltage (V)		24
	Max torque Nm/(r/min)		3200/1200-1400		Generator power (kW)		3
Clutch	Model		430 diaphragm model		Batteries (V/Ah)		2×12/240
	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



