



SITRAK

SITRAK-C9H

6x4 PRIME MOVER

SITRAK-C9H 6x4 PRIME MOVER

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
	GCM(kg)		90000		Main drive Ratio		Ratio 3.36
Capability	Design Axle Load(kg)	Front Axle	7000		Diff. lock		interwheel & interaxle diff. lock
		Rear Axle	18000	Front axle	Model		VPD75ES
	Max speed (km/h)		100		Rim		Front 22.5×9.0, Rear 22.5×8.25
	Min. turning diameter (m)		18.5	Tire	Types		Front 295/80R22.5 Rear 11R22.5
	Max gradeability (%)		≥35		Model		ladder framework
Dimensions	Max parking grade (%)		≥20	Frame	Main beam cross-section (mm)		C type 270×85×8
	fuel tank capacity (L)		1000		Side beam cross section (mm)		-
	Dimension	Long (mm)	7042		Width of frame (mm)		Front 940 Rear 760
		Width (mm)	2500	Suspension	Model		Non-independence suspension
		Hight (mm) (Unload)	3980		Front	Parabolic springs	3
	Wheelbase (mm)		3200+1400		Rear	air suspension	8 air springs
	wheel track (mm)	Front	2041	Steering	Model		Recirculating ball hydraulic power Steering wheel
		Rear	1830		Ratio		17 ~ 20:1
	Approach angle (°)		14		Max pressure of pump (kPa)		18300
	Departure angle (°)		26		Steering way		Steering wheel
	Front overhang (mm)		1492	Braking system	Working pressure (kPa)		1250
	Rear overhang (mm)		950		Service Braking type		Dual circuit compressed air brake
	height of fifth wheel ground clearance (mm) (unload)		1240		Brake power adjust type		EBS+ESC+HSA
	Front/Rear fitting radius(mm)		2260/2010		Parking brake type		Spring stored energy air cut brake
Cabin	Model		C9H-E	Electrics	Circuit type		dual
	Passenger capacity		2		Operating voltage (V)		24
	Turning radius (mm)		3040		Generator power (kW)		3
Engine	Model		WP15H660E62A		Batteries (V/Ah)		2×12/240
	Displacement (L)		15.3	other specification	NH/4c PTO (matched with ZF Traxon transmission/gear ratio1.11/430Nm/direct drive)		ACC+AEBS+LDW
	Power rating kW/(r/min)		485/1800				
	Max torque Nm/(r/min)		3200/1200-1400				
Clutch	Model		430 diaphragm model				
	Operation		Electronically Controlled Pneumatic Power Assist Operation				

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

