



EXTERNAL DIMENSIONS

Length(mm)	7105
Width(mm)	2496
Height(mm)(empty)	3980
Wheel base(mm)	3400
Wheel track(mm)	Front 2041 Rear 1830
clearance (mm)	257
Approach angle(°)	15
Departure angle(°)	46
Front overhang(mm)	1475

- Reliable MC13.54-61 engine with 540Hp and 2500 High Torque.
- 12 Speed ZF AMT gearbox.
- Comfortable cab for operator comfort.



G7S 6X4 PRIME MOVER

WEIGHTS

GVM (kg)		25000
Max load of two axles (kg)	Front	7000
	Rear	18000
GCM (kg)		75000

CAPABILITY

Max speed(km/h)	100
Min turning diameter (m)	18.5
Max climb gradient (%)	35
Fuel tank (L)	800L+400L

CABIN

Model	C7-G
Sits	2
Turning radius (mm)	3640

ENGINE

Model	MC13.54-50
Displacement (L)	12.419
Power rating kW/(r/min)	397/1900
Max torque Nm/(r/min)	2500/1050-1350

CLUTCH

Model	CH430-25 diaphragm
Operation Mode	Electrically controlled operating with air

TRANSMISSION

Model	AMT -ZF 12TX2621TD
Forward gear ratio	16.688,12.924,9.926,7.688,5.895,4.656,3.655,2.831,2.174,1.684,1.291,1.00
Reverse gear ratio	Reverse
gear ratio	15.537,12.033

FRAME

Model		Ladder frame
Main beam cross-section (mm)		270×85×8
Width of frame Assembly(mm)	Front	940
	Rear	762

DRIVING AXLE

Model		MCY13 disc
Redactor ratio	Ratio	3.08
	Optio	2.85, 3.7
Differential lock		Diff lock+ cross lock

FRONT AXLE

Model	HR7 (Disc)
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SUSPENSION

Front	Model	Non-independent
	Number	3 leaf parabolic
Rear	Model	Non-independent
	Number	8 air bag

STEERING GEAR

Model	Ball circul
Ratio	22.2-26.2
Max pressure of pump (kPa)	18300
Steering way	Recirculating ball

BRAKING SYSTEM

Working pressure (kPa)	1000
Drive braking type	Dual circuit
Brake power adjust type	EBS ESC EBL ASR
Parking brake type	Spring stored energy air cut brake
Assistant brake typ	EVB

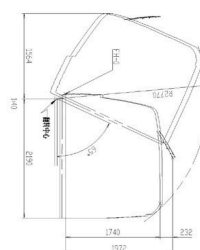
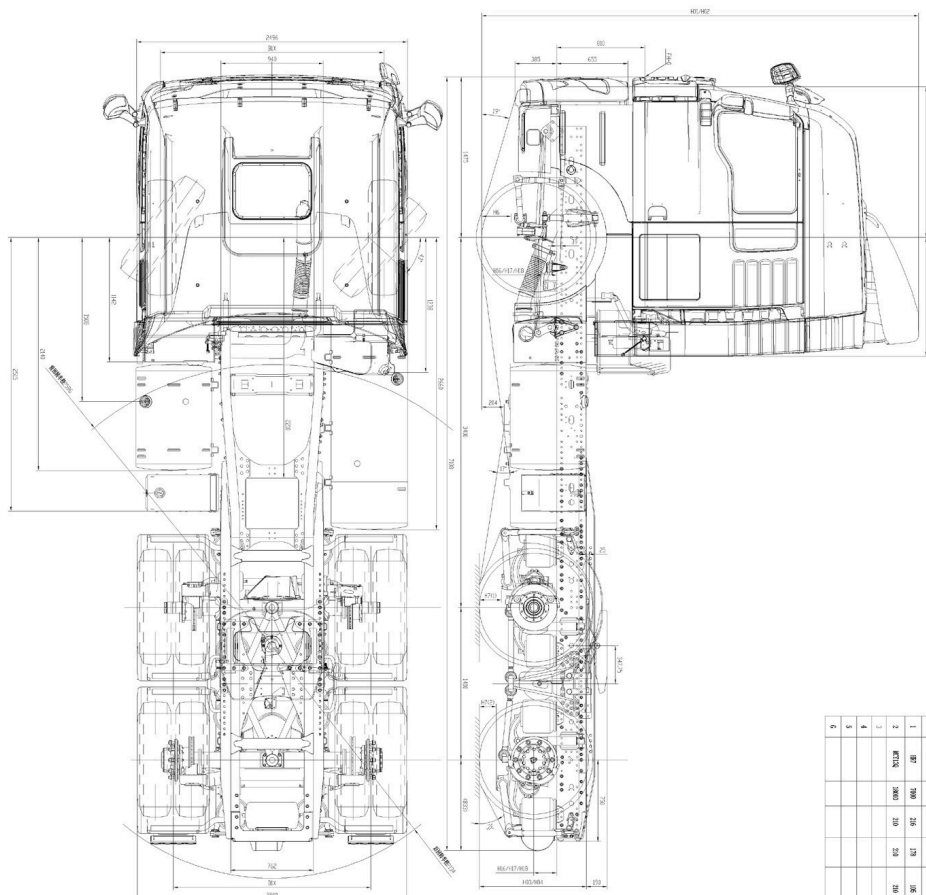
ELECTRICS

Circuit type	double, control positive pole
Voltage (V)	24
Generator power (kW)	2.0
Accumulator voltage / capacity(V/Ah)	2x12/180

EXTRAS

Trailer brakes EBS to rear	Included
Sun visor, side skirts	Included
Retarder	INTARD3(standard)

车辆主要参数		车辆主要尺寸				重量				性能			
名称	单位	参数	单位	参数	单位	参数	单位	参数	单位	参数	单位	参数	单位
1	mm	187	mm	3900	mm	216	mm	173	mm	2022	mm	2040	mm
2	mm	87126	mm	10803	mm	220	mm	220	mm	1000	mm	1000	mm
3	mm		mm		mm		mm		mm		mm		mm
4	mm		mm		mm		mm		mm		mm		mm
5	mm		mm		mm		mm		mm		mm		mm



驾驶室: C7H-G
发动机: MC13.54-SO
变速箱: HW2572XA 带换挡
后桥: MC13.50 双桥
轴距: 800+1400L
总长: 90L
轴距: 1051 99#

本图仅供参考, 不作为法律依据。
技术协议, 如与图不符, 以图为准。

设计	20200713	审核	
校对		审核	
制图		审核	
会签		审核	
批准		审核	

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