



EXTERNAL DIMENSIONS

Length(mm)	7042
Width(mm)	2400
Height(mm)(empty)	3980
Wheel base(mm)	3200+1400
Wheel track(mm)	Front 2041
	Rear 1842
clearance (mm)	1250
Approach angle(°)	19
Departure angle(°)	22
Front overhang(mm)	1492

- Reliable MC13.54-61 engine with 540Hp and 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)	90000

CAPABILITY

Max speed(km/h)	100
Min turning diameter (m)	15.5
Max climb gradient (%)	≥30
Fuel tank (L)	700+240L

CABIN

Model	G7S-E
Sits	2
Turning radius (mm)	3040

ENGINE

Model	MC13.54-61
Displacement (L)	12.42L
Power rating kW/(r/min)	400/1800
Max torque Nm/(r/min)	2550/1000~1400

CLUTCH

Model	430 diaphragm model
Operation Mode	Electrically controlled operating with air

TRANSMISSION

Model	ZF 12TX2621TO
Forward gear ratio	16.688, 12.924, 9.926, 7.688, 5.89, 4.656, 3.655, 2.831, 2.174, 1.684, 1.291, 1.000;
Reverse gear	15.537, 12.033

FRAME

Model	ladder framework
Main beam cross-section (mm)	C type 270×85×8
Width of frame Assembly(mm)	Front 942 Rear 762

DRIVING AXLE

Model	MCY13BES
Redactor ratio	Ratio 3.08 Optional 3.36/3.7
Differential lock	interwheel & interaxle diff. lock

FRONT AXLE

Model	VPD71DS
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SUSPENSION

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

STEERING GEAR

Model	Recirculating ball hydraulic power
Ratio	17~20:1
Max pressure of pump (kPa)	20000
Steering way	Steering wheel

BRAKING SYSTEM

Working pressure (kPa)	1250
Drive braking type	Dual circuit
Brake power adjust type	EBS ESC
Parking brake type	Spring stored energy air cut brake
Assistant brake type	Jake Engine Brake

ELECTRICS

Circuit type	double, control positive pole
Voltage (V)	24
Generator power (kW)	3.0
Accumulator voltage / capacity(V/Ah)	2x12/240

EXTRAS

Trailer brakes ABS to rear	Included
Sun visor, side skirts	Included
Retarder	ZF Retarder

