



# SCIG



# SITRAK

## G7S 6x4 Tipper Cab Chasis



(Reference Photo)

### EXTERNAL DIMENSIONS

Length(mm)	7492
Width(mm)	2492
Height(mm)(empty)	3471
Wheel base(mm)	3600+1400
Wheel track(mm)	Front 2045 Rear 1872
Min ground clearance(mm)	320
Approach angle(°)	25
Departure angle(°)	18
Front overhang(mm)	1492

### FEATURES

- Reliable 13L engine with 540Hp and 2500 High Torque.
- 12 Speed ZF AMT gearbox.
- Luxury roomy Cab /Top Cooler/ ISRI Ventilated heated seat/ 20L Refrigerator/LED Light /ZF Retarder as standard.
- Differential locks and cross locks for when the going gets tough.
- Alloy rim/air tank/fuel tank/Air suspension to reduce tare weight.
- Bosch steering pump /Continental Color display/Knorr brake control/Voss connector/JOST fifth wheel.
- Fully complied with Australia Design Rules.

**SCIG****SITRAK****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)	17.8
Max climb gradient (%)	≥30
Fuel tank (L)	600L

**CABIN**

Model	G7S-P
Sits	2
Turning radius (mm)	2807

**ENGINE**

Model	MC13.54-61
Displacement (L)	12.419
Power rating kW/(r/min)	400/1900
Max torque Nm/(r/min)	2500/1050-1350

**CLUTCH**

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

**TRANSMISSION**

Model	ZF 12TX2621 TD
Forward gear ratio	16.688, 12.924, 9.926, 7.688,
	5.895, 4.565, 3.655, 2.831,
	2.174, 1.684, 1.291, 1
Reverse gear ratio	15.537, 12.033, 3.403, 2.636

**FRAME**

Model		Channel frame
Main beam cross-section (mm)		300×80×8
Width of frame Assembly(mm)	Front	940
	Rear	850

**DRIVING AXLE**

Model		MCY13BES
Redactor ratio	Ratio	3.08
	Optio	2.85, 3.08, 3.7, 4.11
Differential lock		Diff lock+ cross lock

**FRONT AXLE**

Model	VPD71DS
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**SUSPENSION**

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

**STEERING GEAR**

Model	Bosch 8098
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 AEBS
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)	2x12/240

**EXTRAS**

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