



16▲27 VX  
4x2

**ENGINE**

Make	Weichai Euro 3 Intercooled
Model Configuration	WP 7.270 E30
Max Power—Kw @ r/min	199/2300
Max Power—N.m @ r/min	1100/1600
HP	270
Cylinder	6 Inline
Water Cooled	▲ 4 Stroke ▲
Direct Injection	▲
Cylinder Bore & Stroke	108 x 130
Displacement (l)	7.14
Compression Ratio	18:01
Firing Order	1-5-3-6-2-4

**BRAKES**

Service	Dual circuit, full-air drum brakes
Emergency / Parking	Spring potential brake
Auxiliary	Engine exhaust brake
ABS & EVB	Standard

**STANDARD TYRE EQUIPMENT**

Size and ply rating	11 R22.5
Spare Wheel	Yes

**FRONT AXLE**

Type	VR4/10D-6.5
Suspension	Non-free standing stabilization leap spring, hydraulic shock absorber

**REAR AXLE**

Type	HL8/02D-10/4.11
Suspension	Non-free standing stabilization leap spring, hydraulic shock absorber

**ELECTRICAL EQUIPMENT**

Alternator	24V, 70Amp
Starter Motor	24V, 5.75kW
Batteries	2 x 12V - 135AH

**DIMENSIONS**

Overall Length (OL)	9600
Overall Width (OW)	2495
Overall Height (OH)	2905
Front Overhang (FOH)	1435
Rear Overhang (ROH)	2550
Wheel Base (WB)	5500
Bumper to Back of Cab (BBC)	1595
Cab to rear axle / unit (CA)	5050
Turning Circle (TC)	20Mt

**PERFORMANCE DATA**

Grade Ability @ GVM	30% @ GVM
Max Geared Road Speed	108km/h
Final Drive Ratio	4.11

**CLUTCH**

Make / Type / Size	GFX 420mm single plate
Operation	Single dry frictional disc, screw spring, pushing type

**TRANSMISSION**

Make/Model	8JS118TB-B
No of Gears	8
Synchromesh or Constant Mesh	Synchromesh
Transfer Box	N/A

**RATIO**

Crawler	N/A	7th	1.39
1st	11.40	8th	1
2nd	7.94	9th	N/A
3rd	5.63	10th	N/A
4th	4.06	11th	N/A
5th	2.81	12th	N/A
6th	1.96	Revers L	11.35

**CAB**

65° Hydraulic Tilt Able Cab	▲
Windscreen Wipers—2 Speed & Intermittent Setting	▲
External Rear View Mirrors	▲
Speedometer / Odometer Ref Counter	▲
Fuel & Engine Temperature Gauges	▲
Air Pressure & Oil Pressure Gauges	▲
Audio & Visual Warning Devices	▲
Air Conditioning & Radio	▲
External Sun Visor	▲
Driver Seat Suspension	▲

**MASS INFORMATION**

Manufacturers Gross Vehicle Mass (GVM)	16500
Manufacturers Gross Combination Mass (GCM)	33000
Manufacturers Front Axle mass (GA)	6500
Manufacturers Rear Axle mass (GAU)	10000
Permissible Maximum Vehicle Mass (V)	15500
Permissible Maximum Front Axle Mass (AF)	6500
Permissible Maximum Rear Axle Mass (AR)	9000
Unladen Front Axle Mass (UF)	3840
Unladen Rear Axle Mass (UR)	2440
Total Unladen Mass (UT)	6280
Permissible Max Drawing Vehicle Mass (D/T)	33000