



40▲35 VX
8x4

ENGINE

Make	Weichai Euro 2 Intercooled Turbo		
Model Configuration	WP 10-340 E32		
Max Power—Kw @ r/min	250/2200		
Max Power—N.m @ r/min	1350/1600		
HP	350		
Cylinder	6 Inline		
Water Cooled	▲	4 Stroke	▲
Direct Injection	▲		
Cylinder Bore & Stroke	126 x 130		
Displacement (l)	9.726		
Compression Ratio	17:01		
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	315/80/R22.5
Spare Wheel	Yes

FRONT AXLE

Type	VR4/01D-7.5
Suspension	Non-free standing stabilization leaf spring, hydraulic shock absorber, transverse stabilizer

REAR AXLE

Type	HL7/015DS-13/4.769
Suspension	Stabilization suspension, 13pcs leaf spring (each 20mm) with side stop plate

ELECTRICAL EQUIPMENT

Alternator	24V, 70Amp
Starter Motor	24V, 5.58kW
Batteries	2 x 12V - 135AH

DIMENSIONS

Overall Length (OL)	9400
Overall Width (OW)	2495
Overall Height (OH)	3085
Front Overhang (FOH)	1435
Rear Overhang (ROH)	1350
Wheel Base (WB)	3550
Bumper to Back of Cab (BBC)	2345
Cab to rear axle / unit (CA)	4140
Turning Circle (TC)	11500/11.5mt

PERFORMANCE DATA

Grade Ability @ GVM	30%
Max Geared Road Speed	90km/h
Final Drive Ratio	4.769

CLUTCH

Make / Type / Size	GFX 430mm single plate
Operation	Hydraulic actuation with auto adjustment

TRANSMISSION

Make/Model	9T-180
No of Gears	9
Synchromesh or Constant Mesh	Synchromesh
Transfer Box	n/a

RATIO

Crawler	12.82	7th	1.29
1st	7.93	8th	1.00
2nd	6.00	9th	N/A
3rd	4.43	10th	N/A
4th	3.43	11th	N/A
5th	2.31	12th	N/A
6th	1.75	Revers L	11.21

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)	40000
Manufacturers Gross Combination Mass (GCM)	60000
Manufacturers Front Axle mass (GA)	15000
Manufacturers Rear Axle mass (GAU)	26000
Permissible Maximum Vehicle Mass (V)	31650
Permissible Maximum Front Axle Mass (AF)	15000
Permissible Maximum Rear Axle Mass (AR)	18000
Unladen Front Axle Mass (UF)	5880
Unladen Rear Axle Mass (UR)	4260
Total Unladen Mass (UT)	10140
Permissible Max Drawing Vehicle Mass (D/T)	60000