

 **POWERLAND**
trucks built to last

F3T 3042
6x4



Picture is for illustration purposes only

ENGINE	
Make	Weichai Euro 2
Model Configuration	WD 1a2.42
Max Power—Kw @ r/min	309/2200
Max Power—N.m @ r/min	1750/1300-1600
HP	420
Cylinder	6 Inline
Water Cooled	▲ 4 Stroke ▲
Direct Injection	▲
Cylinder Bore & Stroke	126 x 155
Displacement (l)	11.596
Compression Ratio	17:01
Firing Order	1-5-3-6-2-4

BRAKES	
Service	Double circuit, 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	HDM75T
Suspension	I-shaped, parabolic springs, hydraulic shock absorber, transverse stabilizer

REAR AXLE	
Type	HDM13T
Suspension	Double reduction driving axle with inter-wheel differential and differential lock, parabolic springs

ELECTRICAL EQUIPMENT	
Alternator	28V, 70Amp
Starter Motor	24V, 5.58kW
Batteries	2 x 12V – 135AH

DIMENSIONS	
Overall Length (OL)	6825
Overall Width (OW)	2500
Overall Height (OH)	3624
Front Overhang (FOH)	1525
Rear Overhang (ROH)	875
Wheel Base (WB)	3875
Bumper to Back of Cab (BBC)	2363
Cab to rear axle / unit (CA)	3037
Turning Circle (TC)	8500mm

PERFORMANCE DATA	
Gradeability @ GVM	30% @ GVM
Max Geared Road Speed	110km/h
Final Drive Ratio	4.769

CLUTCH	
Make / Type / Size MFZ	430mm single plate
Operation	Single dry frictional disc, diaphragm spring, pulling type

TRANSMISSION	
Make/Model	12JSD240TA with VOITH retarder
No of Gears	12
Synchromesh or Constant Mesh	Synchromesh
Transfer Box	N/A

RATIO			
Crawler	N/A	7th	2.71
1st	12.1	8th	2.11
2nd	9.41	9th	1.64
3rd	7.31	10th	1.28
4th	5.71	11th	1.00
5th	4.46	12th	0.78
6th	3.48	Reverse L	11.56
		Reverse H	2.59

CAB	
55° Hydraulic Tilttable Cab	▲
Windscreen Wipers – 2 speed & Intermittent Setting	▲
External Rear View Mirrors	▲
Speedometer / Odometer / Rev 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)	30 000
Manufacturers Gross Combination Mass (GCM)	60 000
Manufacturers Front Axle mass (GA)	7 500
Manufacturers Rear Axle mass (GAU)	26 000
Permissible Maximum Vehicle Mass (V)	25 500
Permissible Maximum Front Axle Mass (AF)	7 500
Permissible Maximum Rear Axle Mass (AR)	18 000
Unladen Front Axle Mass (UF)	4 525
Unladen Rear Axle Mass (UR)	4 140
Total Unladen Mass (UT)	8 665
Permissible Max Drawing Vehicle Mass (D/T)	60 000

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