



MODEL 28.290 FL

**13 TON
FREIGHT CARRIER**

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CAB	
Cab Control	Forward Tilt Cab
Seating	Driver + 2 Passengers
Type/Extras	Sleeper Cab with Aircon, Radio with USB

ENGINE	
Make & Model	WP10.290E32
Capacity	9 726 cm ³
Layout & Type	6 cylinder in line, water cooled, turbo charged & intercooled
Power @ r/min (kW)	213 @ 2 200rpm
Torque @ r/min (Nm)	1 160 @ 1 200 - 1 600

TRANSMISSION	
Make & Model	FAW CA9TB160M
Type	9 Speed Manual Syncromesh
Forward Ratios	14.34; 10.04; 7.10; 5.05; 3.71; 2.70; 1.92; 1.36; 1.0
Reverse Ratio	8.63

CLUTCH	
Diameter	Φ430 mm
Type	Single Plate
Operation	Hydraulic-Air Assisted

STEERING	
Gear Ratio	23:1
Type	Recirculating Ball
Operation	Power Assisted

PERFORMANCE	
Gradeability @ V	Max 27%
Geared Road Speed	98 km/h

AXLES	
Front Axle	I- Beam section (Forged Steel)
Rear Axle - Gearing Type	Single Reduction
Rear Axle Ratio	4.1:1

BRAKES	
System Type	Full Air - Dual Circuit with ABS
Park/Emergency System	Spring Brake/Rear Booster

FUEL TANK	
Number	One
Total Capacity	400 Litre

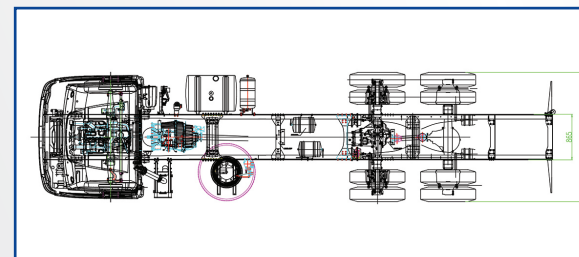
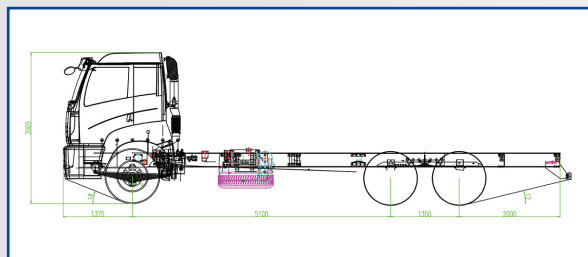
ELECTRICAL SYSTEM	
System Voltage & Type	24V Negative Earth
Alternator Output	2 000W
No. of Batteries	Two X 12V
Battery Capacity (Each)	120 Amphere Hour

CHASSIS	
Type	Straight Ladder Type - Riveted
Front Suspension	Semi-Elliptical Leaf Spring with Double Acting Shock Absorbers
Rear Suspension	Semi-Elliptical Leaf Springs

WHEELS	
Tyre Size	315/80R22.5-18
Rim Size	9.00 X 22.5
Type	Tubeless Radial

MASS DATA		kg
Manufacturer's Gross Vehicle Mass (GVM)		28 000
Manufacturer's Gross Combination Mass (GCM)		50 000
Manufacturer's Front Axle Mass (GA Front)		7 700
Manufacturer's Rear Axle Mass (GAU Rear)		20 300
Permissible Gross Vehicle Mass (V)		25 500
Permissible Gross Combination Mass (D/T)		50 000
Permissible Front Axle Mass (A Front)		7 500
Permissible Rear Axle Mass (A Rear)		18 000
Unladen Front Axle Mass (T Front)		4 184
Unladen Rear Axle Mass (T Rear)		4 394
Unladen Mass Total (Tare)		8 578

DIMENSIONS		mm
Wheelbase (WB)		5 775
Overall Length (OL)		9 825
Cab Length (A)		1 900
Overall Width (OW)		2 500
Overall Height (OH)		2 900
Front Overhang (D)		1 375
Rear Overhang (ROH)		2 000
Cab to Rear Axle (CA)		7 825
Recommended Body Length		7 600
Minimum Cab Clearance		550
Cab to End of Chassis (F)		7 810
Minimum Turning Radius		20 000
Minimum Turning Diameter		10 000
Ground Clearance		300
Track - Front		2 050
Track - Rear		1 847
Chassis Outer Width		865
Chassis Inner Width		840



The above specifications are not binding - subject to change without prior notice.

