FAW TRUCKS
SOUTHERN AFRICA

MODEL 8.140 FL-AMT

5 TON
4x2 FREIGHT CARRIER / TIPPER

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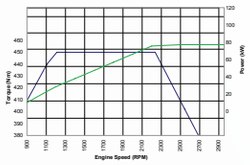
CAB

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

ENGINE

Make & Model	ISF3.8s3141
Capacity	3 760 cm^3
Layout & Type	4 cylinder in line, water cooled, turbo charged & intercooled
Emissions Standard	Euro III
Power @ r/min (kW)	105 @ 2 600 rpm
Torque @ r/min (Nm)	450 @ 1 200 - 2 200 rpm



TRANSMISSION

Make & Model	FAST F6JZ45BM
Type	6 Speed Automated Manual
Forward Ratios	6.15, 3.36, 2.03, 1.37, 1.00, 0.79
Reverse Ratio	5.57

CLUTCH

Diameter	330 mm
Type	Single Plate
Operation	Hydraulic-Air Assisted

STEERING

Gear Ratio	20.42:1
Type	Recirculating Ball
Operation	Power Assisted

PERFORMANCE

Gradeability @ V	Max 33%
Permissible Road Speed	100km/h

AXLES

Front Axle	I-Section Beam (Forged Steel)
Rear Axle - Gearing Type	Full Floating - Single Reduction
Rear Axle Ratio	4.333:1

BRAKES

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

FUEL TANK

Number	One
Total Capacity	130 Litre

ELECTRICAL SYSTEM

System Voltage & Type	24V Single-Line Negative Earth
No. of Batteries	Two X 12V

CHASSIS

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

WHEELS

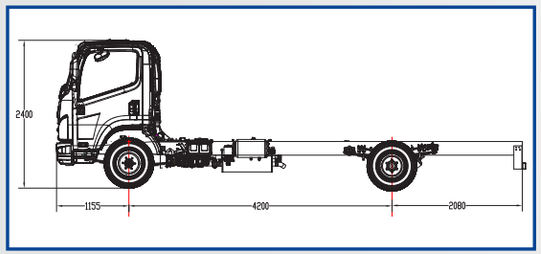
Tyre Size	235/75R17.5 16PR
Rim Size	17.5 X 6.75
Type	Tubeless Radial

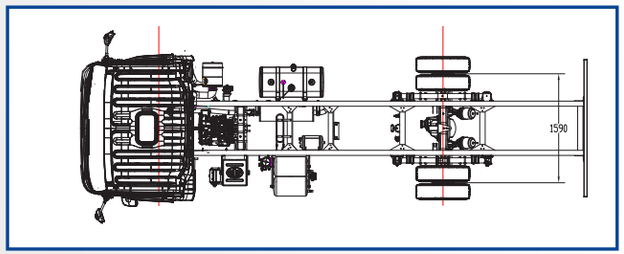
MASS DATA

	kg
Manufacturer's Gross Vehicle Mass (GVM)	8 999
Manufacturer's Gross Combination Mass (GCM)	14 000
Manufacturer's Front Axle Mass (GA Front)	3 000
Manufacturer's Rear Axle Mass (GAU Rear)	5 999
Permissible Gross Vehicle Mass (V)	8 999
Permissible Gross Combination Mass (D/T)	14 000
Permissible Front Axle Mass (A Front)	3 000
Permissible Rear Axle Mass (A Rear)	5 999
Unladen Front Axle Mass (T Front)	1 870
Unladen Rear Axle Mass (T Rear)	1 290
Unladen Mass Total (Tare)	3 160

DIMENSIONS

	mm
Wheelbase (WB)	4 200
Overall Length (OL)	7 430
Cab Length (A)	1 655
Overall Width (OW)	2 095
Overall Height (OH)	2 400
Front Overhang (D)	1 155
Rear Overhang (ROH)	2 080
Cab to Rear Axle (CA)	3 700
Recommended Body Length	5 400
Cab to End of Chassis (F)	5 780
Minimum Turning Radius	7 800
Minimum Turning Diameter	15 600
Ground Clearance	200
Track - Front	1 650
Track - Rear	1 540
Chassis Outer Width	795
Chassis Inner Width	645





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

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