FAW TRUCKS

MODEL 8.140 FL/FD

5 TON
4x2 FREIGHT CARRIER / TIPPER

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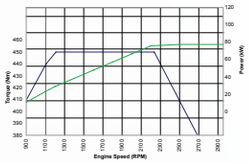
CAB

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

ENGINE

Make & Model	Cummins ISF 3.8s3141
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
Torque @ r/min (Nm)	450 @ 1 200 - 2 200



TRANSMISSION

Make & Model	ZF 6S500
Type	6 Speed Manual Syncromesh
Forward Ratios	6.198, 3.287, 2.025, 1.371, 1.00, 0.78
Reverse Ratio	5.681

CLUTCH

Diameter	350 mm
Type	Single Plate
Operation	Hydraulic-Air Assisted

STEERING

Gear Ratio	17.76:1
Type	Recirculating Ball
Operation	Power Assisted

PERFORMANCE

Gradeability @ V	Max 29%
Permissible Road Speed	100km/h

AXLES

Front Axle	I-section Beam (forged steel)
Rear Axle - Gearing Type	Full Floating - Single Reduction
Rear Axle Ratio	4.33:1

BRAKES

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

FUEL TANK

Number	One
Total Capacity	130 Litre

ELECTRICAL SYSTEM

System Voltage & Type	24V 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	235/75 R17.5 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)	1 780
Unladen Rear Axle Mass (T Rear)	1 200
Unladen Mass Total (Tare)	2 980
Body and Payload Allowance	6 019

DIMENSIONS

	mm
Wheelbase (WB)	3 860
Overall Length (OL)	6 810
Cab Length (A)	1 655
Overall Width (OW)	2 038
Overall Height (OH)	2 385
Front Overhang (D)	1 150
Rear Overhang (ROH)	1 800
Cab to Rear Axle (CA)	3 360
Recommended Body Length	5 100
Cab to End of Chassis (F)	5 155
Minimum Turning Radius	7 100
Minimum Turning Diameter	14 200
Ground Clearance	200
Track - Front	1 650
Track - Rear	1 540
Chassis Outer Width	795
Chassis Inner Width	645

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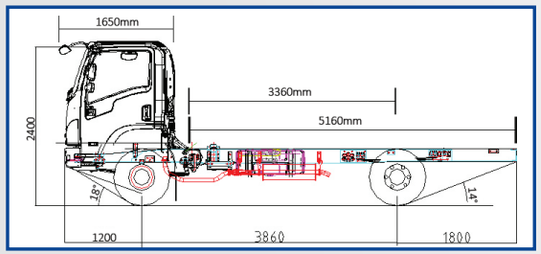

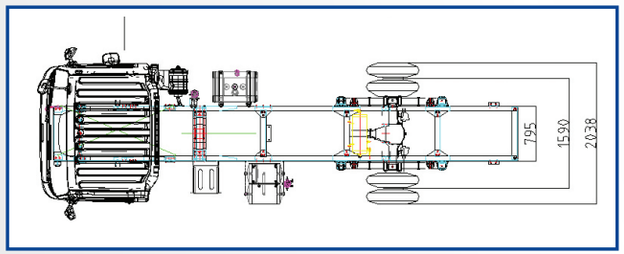

The above specifications are not binding - subject to change without prior notice.

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