FAW TRUCKS

MODEL 16.240 FD/FT

4x2 6m^3 TIPPER & 4x2 TRUCK TRACTOR

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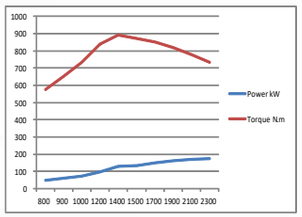
CAB

Cab Control	Forward Tilt Cab
Seating	Driver + 1 Passenger
Type/Extras	Semi Sleeper with Aircon, Radio with USB, Suspension Seat

ENGINE

Make & Model	FAW CA6DF2-24
Capacity	7 127 cm^3
Layout & Type	6 cylinder in line, water cooled, turbo charged & intercooled
Emissions Standard	Euro II
Power @ r/min (kW)	177 @ 2 300
Torque @ r/min (Nm)	890 @ 1 400



TRANSMISSION

Make & Model	Fast Gear 8 JS 118 TC - B
Type	8 Speed Range Change
Forward Ratios	9.32, 6.09, 4.06, 3.10, 2.30, 1.5, 1.0, 0.76
Reverse Ratio	9.28

CLUTCH

Diameter	430 mm
Type	Single Plate
Operation	Hydraulic-Air Assisted

STEERING

Gear Ratio	20.5:1
Type	Recirculating Ball
Operation	Power Assisted

PERFORMANCE

Gradeability @ V	Max 38%
Permissible Road Speed	80km/h

AXLES

Front Axle	I-section Beam (forged steel)
Rear Axle - Gearing Type	Full Floating - Single Reduction
Rear Axle Ratio	4.875:1

BRAKES

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

FUEL TANK

Number	One
Total Capacity	200 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

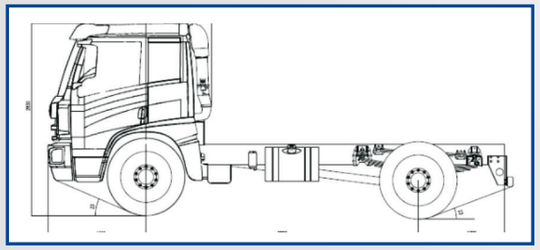
Tyre Size	11.00 R22.5 16PR
Rim Size	8.25 X 22.5
Type	Tubeless Radial

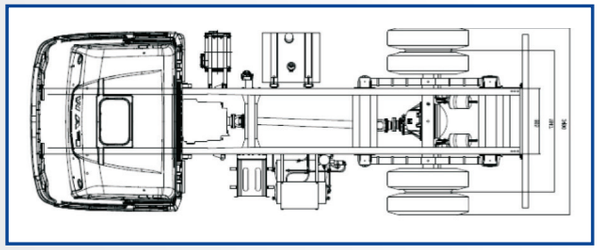
MASS DATA

	kg
Manufacturer's Gross Vehicle Mass (GVM)	18 000
Manufacturer's Gross Combination Mass (GCM)	32 000
Manufacturer's Front Axle Mass (GA Front)	7 000
Manufacturer's Rear Axle Mass (GAU Rear)	11 000
Permissible Gross Vehicle Mass (V)	16 000
Permissible Gross Combination Mass (D/T)	32 000
Permissible Front Axle Mass (A Front)	7 000
Permissible Rear Axle Mass (A Rear)	9 000
Unladen Front Axle Mass (T Front)	3 560
Unladen Rear Axle Mass (T Rear)	2 260
Unladen Mass Total (Tare)	5 820
Body and Payload Allowance	10 180

DIMENSIONS

	mm
Wheelbase (WB)	3 800
Overall Length (OL)	6 375
Cab Length (A)	2 185
Overall Width (OW)	2 470
Overall Height (OH)	2 760
Front Overhang (D)	1 375
Rear Overhang (ROH)	1 200
Cab to Rear Axle (CA)	2 874
Recommended Body Length	3 900
Cab to End of Chassis (F)	4 074
Minimum Turning Radius	6 500
Minimum Turning Diameter	13 000
Ground Clearance	220
Track - Front	2 000
Track - Rear	1 847
Chassis Outer Width	865
Chassis Inner Width	680





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

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