

# JH6 6x4 420HP TRACTOR (LHD)



## FAW CA6DM2

Designed by AVL List GmbH (Overhead camshaft + single-cylinder four-valve)



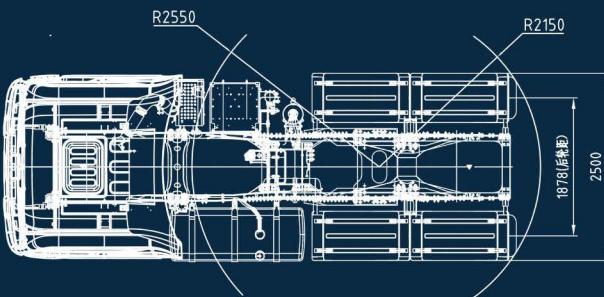
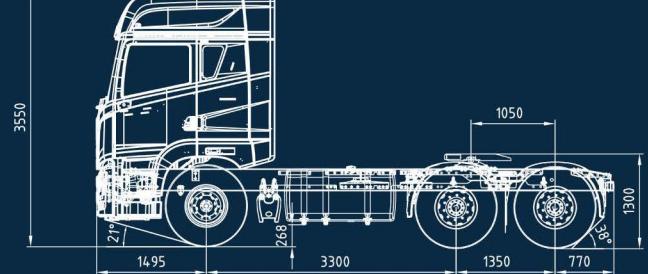
### AMT

During the driving process of the vehicle matched with the AMT transmission, the computer will give the optimaldynamic or economic target gear at the real time accoordingto the different loads, road conditions and vehicle operatingconditions. The mechanical transmission efficiency is high,which is conducive to giving full play to the power of thevehicle, improving the fuel economy and reducing emissionpollution.



### 498 axle

With the strong bearing capacity (13 tons), strong driving capacity (output torque: 50000N·m), wide speed ratio (speed ratio range: 2.688-4.875), light weight and other characteristics, it is a highly competitive product in the standard load transportation market.



- B10>1.2 million km & GCC Compliant: Ensures low maintenance and long service life.
- Raised Fifth Wheel Corrugated Board: Fits all kinds of trailers easily and stably.
- Customized Engine Design for KSA: Handles long-term idle conditions well.
- Cabin Temperature Isolation Design: Beats the heat and provides a cool and refreshing ride.
- Top-notch Components: Adopts WABCO oil separator cartridge and EATON clutch.

## Main Specifications

- Model: CA4250P26K2T1E5A80 6X4 420HP Tractor (LHD)
- Running Conditions: on /off road

► Recommend Areas: GCW≤7000kg

Items	Parameters	Items	Parameters
<b>PARAMETERS</b>		<b>CONFIGURATION</b>	
<b>MASS</b>			<b>ENGINE</b>
GVW (kg)	25000	Model	FAW CA6DM2-42E52
Curb Weight of Chassis (kg)	10500	Type	6 in-line/Water-cooling/Four stroke /Inter-cooling/Direct injection
Max. drawing Capacity (kg)	59500	Displacement (L)	11.05
Total weight with trailer (kg)	70000	Max Output Power (Kw/rpm)	312/1900
Max. Axle Load Distribution(Front/Kg)	9000	Max Torque (Nm / (r/min))	2100/1300
Max. Axle Load Distribution(Rear/Kg)	16000×2	Horsepower (Ps)	420
Max. Load Weight at Fifth Wheel (kg)	-	Emission Level	Euro 5
<b>DIMENSIONS</b>		<b>TRANSMISSION</b>	
Length (mm)	6875	Model	ZF16S2235 TO
Width (mm)	2500	Type	Overdrive/MT
Height (mm)	3550	Forward Gear Ratio	i1=13.8;i2=11.54;i3=9.49;i4=7.93;i5=6.53; i6=5.46;i7=4.57;i8=3.82;i9=3.02;i10=2.53; i11=2.08;i12=1.74;i13=1.43;i14=1.2;i15=1; i16=0.84;
Wheel Base (mm)	3300+1350	Reverse Gear Ratio	Ri1=12.92;Ri2=10.8;
Wheel Track Front /Rear (mm)	2055/1878	<b>CLUTCH</b>	
Overhang Front /Rear (mm)	1495/730	Driven Plate Dia.	Φ430
<b>PERFORMANCE</b>		Type	Pull type diaphragm clutch
Max.Speed (km/h)	95	<b>STEERING</b>	
Max.Grade Ability (%)	30	Model	JIULONG
Approach Angle (°)	17	Type	17Mpa
Departure Angle (°)	40	Ratio	26.2
Parking Brake Grade Angle (%)	18	<b>REAR AXLE</b>	
Min.Ground Clearance (mm)	314	Model	300 model
Min.Steering Radius (m)	≤15	Type	Hub reduction/Rated load 16000kg
Braking Distance(from 30km/h)(m)		Reduction Ratio	4.805
Sliding Distance(from 50km/h)(m)		<b>BRAKE</b>	
Fuel Consumption (L/100km)	38	Driving Brake	Dual circuit air braking system
Fuel Tank Capacity (L)	800	Parking Brake	Manual valve spring cylinder storage brake
<b>STRUCTURES</b>		Auxiliary Brake	Engine brake,Exhaust brake
<b>CAB</b>		<b>WHEEL</b>	
Category	JH6/Hill floor/High roof/Double sleeper	Tire Model	315/80R22.5-20
Seat	2	Tyre Rim	9.00×22.5
<b>FRAME</b>		Tire Type	Radial/Tubeless
Structures	Side rails/roll-in/riveted	<b>MISCELLANEOUS</b>	
Main Rail Section (mm)	300*80*(8+8)	WABCO ABS	
Suspension Type	Leaf spring(front 11/rear 12)		
<b>BODY</b>			
Fifth Wheel Type (inch)	3.5		
Turning Radius Front (mm)	2550		
Rear (mm)	2140		
Fifth Wheel Height Empty Load (mm)	1440		
Full Load (mm)	1400		