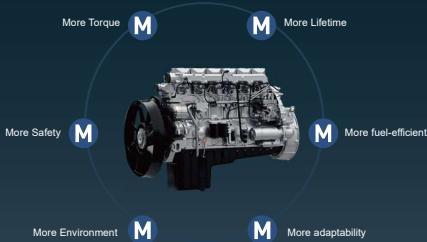


# JH6 6x4 420HP TIPPER (LHD)



## FAW CA6DM2

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



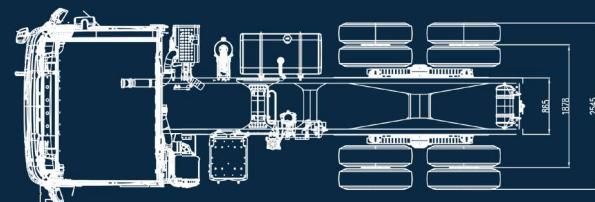
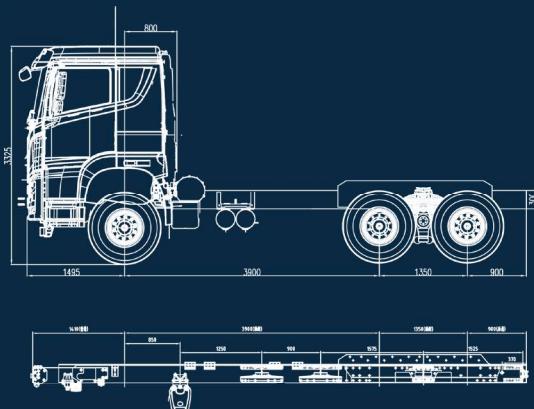
### MT

It adopts advanced hydraulic coupling technology and electronic control system, which can achieve the advantages of smooth speed change, quick response, and fuel economy. The electronic control system realizes the quick response and smoothness of gear shifting, improving driving comfort and safety.



### 300 Axle

The axle housing adopts the technology of cold rolling internal expansion (16 tons) and integral casting (16 tons). The max.output torque is 60.000Nm; the rear axle has a wide speed ratio range of 4.444-6.733 it is the most competitive axle for engineering vehicles.



- B10>1.2 million km & GCC Compliant: Ensures low maintenance and long service life.
- It has a three-layer structure for frame,four U-bolts to fix leaf spring for increased load-bearing capacity.
- 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: CA3250P27K2L2T1EA80, 6X4, 420HP Tipper(LHD)
- Running Conditions: on /off road

- Recommend Areas: Full-load≤60t
- Selling points: MT

Items PARAMETERS	Parameters	Items CONFIGURATION	Parameters
<b>MASS</b>		<b>ENGINE</b>	
GVW (kg)	41T	Model	FAW CA6DM2-42E52
Curb Weight of Chassis (kg)	10980	Type	6 in-line/Water-cooling/Four stroke
Front Axle load distribution (unload)	5240		/Intercooling/Direct injection
Rear Axle load distribution (unload)	5740	Displacement (L)	11.05
Payload	14020	Max Output Power (Kw/rpm)	312/1900
Permissible Max.Axle Load Front/Rear	9T/16T*2	Max Torque (Nm / (r/min))	2100/1100-1400
<b>DIMENSIONS</b>		Horsepower (Ps)	420
Overall Length X Width X Height(Chassis)	7745*2550*3400	Emission Level	Euro 5
Wheel Base	4050+1450	<b>TRANSMISSION</b>	
Overhang(Chassis)Front &Rear	1495/900	Model	FAST 12JSDX220TA-B
Wheel Track Front &Rear	2055&1878/1878	Type	MT
Back of Cab to Rear Axle Center	3825	Forward Gear Ratio	i1=15.527,i2=12.072,i3=9.386,i4=7.330,
Height of chassis above ground	1120		i5=5.726,i6=4.462,i7=3.480,i8=2.706,
<b>PERFORMANCE</b>		Reverse Gear Ratio	Ri1=14.852,Ri2=3.329;
Max.Speed (km/h)	84	<b>CLUTCH</b>	
Max.Grade Ability (%)	35	Driven Plate Dia.	Φ430
Approach Angle (°)	18	Type	Pull type diaphragm clutch
Departure Angle (")	40	<b>STEERING</b>	
Parking Brake Grade Angle (%)		Model	JIULONG
Min.Ground Clearance (mm)	314	Type	17Mpa
Min.Steering Radius (m)	≤15.8	Ratio	26
Braking Distance(from 30km/h)(m)		<b>REAR AXLE</b>	
Sliding Distance(from 50km/h)(m)		Model	300 model (Double-Reduction)
Fuel Consumption (L/100km)	40	Type	Hub reduction/Rated load 16000kg
Fuel Tank Capacity (L)	400L	Ratio	5.921
<b>STRUCTURES</b>		<b>BRAKE</b>	
<b>CAB</b>		Driving Brake	Dual circuit air braking system
Category	JH6 Raised Floor	Parking Brake	Manual valve spring cylinder storage brake
	Flat Roof	Auxiliary Brake	Engine brake,Exhaust brake
Seat	2	<b>WHEEL</b>	
<b>FRAME</b>		Tire Model	12.00R24
Structures	Side rails/roll-in/riveted	Tyre Rim	24*8.5
Main Rail Section (mm)	300*80*(8+8+5)	Tire Type	Radial/Tube
Suspension Type	Leaf Spring(Front 11/Rear 13)		
<b>MISCELLANEOUS</b>			
WABCO ABS			