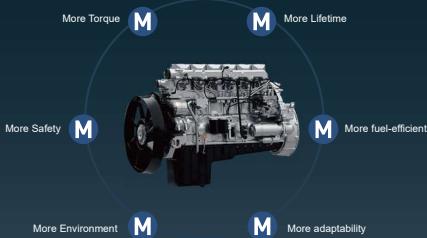


# JH6 8x4 420HP TIPPER (LHD)



## FAW CA6DM2

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



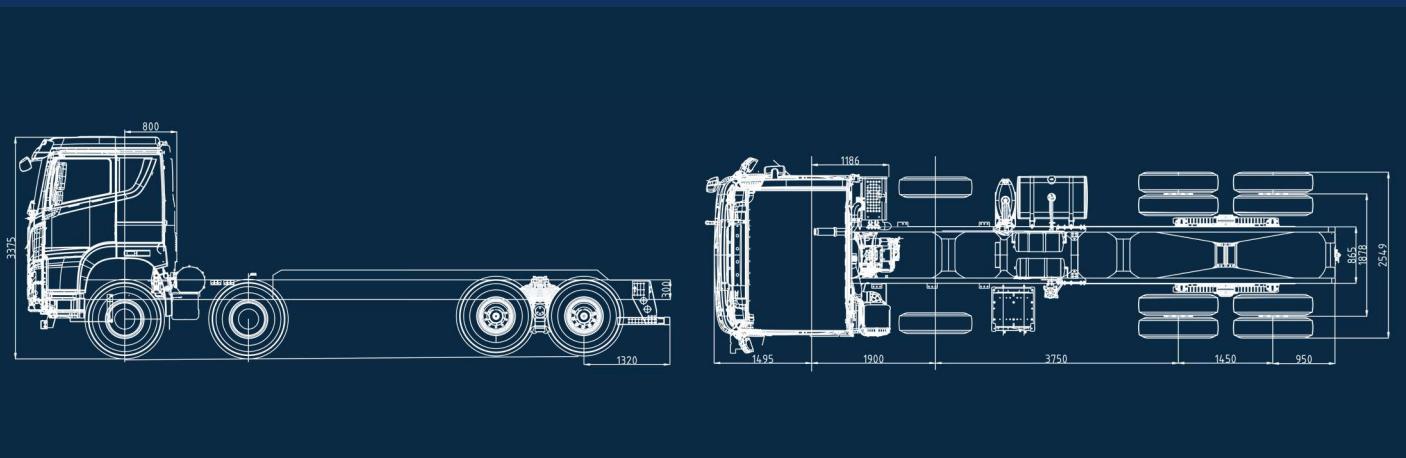
### MT

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: CA3310P27K2L4T4EA80 8X4 420HP Tipper(LHD)
- Running Conditions: on /off road

- Recommend Areas: Full-load≤80t
- Selling points: MT

Items PARAMETERS	Parameters	Items CONFIGURATION	Parameters
<b>MASS</b>		<b>ENGINE</b>	
GVW (kg)	50T	Model	FAW CA6DM2-42E52
Curb Weight of Chassis (kg)	12000	Type	6 in-line/Water-cooling/Four stroke
Front Axle load distribution (unload)	7280		/Intercooling/Direct injection
Rear Axle load distribution (unload)	4720	Displacement (L)	11.05
Payload	19000	Max Output Power (Kw/rpm)	312/1900
Permissible Max.Axle Load Front/Rear	9T*2/16T*2	Max Torque (Nm / (r/min))	2100/1100-1400
<b>DIMENSIONS</b>		Horsepower (Ps)	420
Overall Length X Width X Height(Chassis)	9095*2550*3400	Emission Level	Euro 5
Wheel Base	1900+3750+1450	<b>TRANSMISSION</b>	
Overhang(Chassis)Front &Rear	1495/850	Model	FAST 12JSDX220TA-B
Wheel Track Front &Rear	2055/2055&1878/1878	Type	MT
Back of Cab to Rear Axle Center	5225	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>			i9=2.104,i10=1.643,i11=1.283,i12=1.000;
Max.Speed (km/h)	84	Reverse Gear Ratio	Ri1=14.852,Ri2=3.329;
Max.Grade Ability (%)	35	<b>CLUTCH</b>	
Approach Angle (°)	18	Driven Plate Dia.	Φ430
Departure Angle (")	40	Type	Pull type diaphragm clutch
Parking Brake Grade Angle (%)		<b>STEERING</b>	
Min.Ground Clearance (mm)	314	Model	JIULONG
Min.Steering Radius (m)	≤19.7	Type	17Mpa
Braking Distance(from 30km/h)(m)		Ratio	26
Sliding Distance(from 50km/h)(m)		<b>REAR AXLE</b>	
Fuel Consumption (L/100km)	≤40	Model	300 model (Double-Reduction)
Fuel Tank Capacity (L)	400L	Type	Hub reduction/Rated load 16000kg
<b>STRUCTURES</b>		Ratio	5.921
<b>CAB</b>		<b>BRAKE</b>	
Category	JH6 Raised Floor	Driving Brake	Dual circuit air braking system
	Flat Roof	Parking Brake	Manual valve spring cylinder storage brake
Seat	2	Auxiliary Brake	Engine brake,Exhaust brake
<b>FRAME</b>		<b>WHEEL</b>	
Structures	Side rails/roll-in/riveted	Tire Model	12.00R24
Main Rail Section (mm)	300*80*(8+8+5)	Tyre Rim	24*8.5
Suspension Type	Leaf Spring	Tire Type	Radial/Tube
	(Front 11/Rear 11/13)		
<b>MISCELLANEOUS</b>			
WABCO ABS			