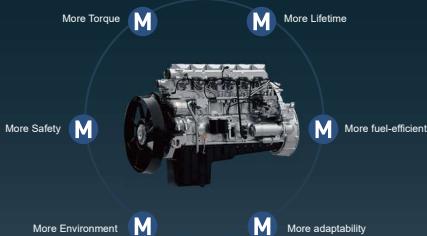


# JH6 8x4 390HP MIXER (LHD)



## FAW CA6DM2

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



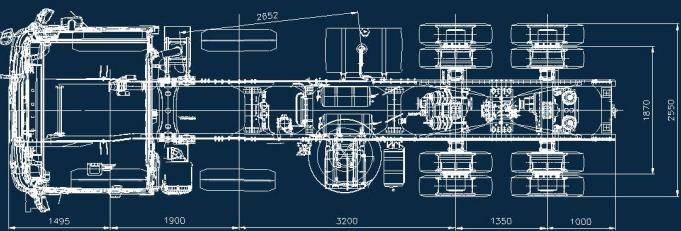
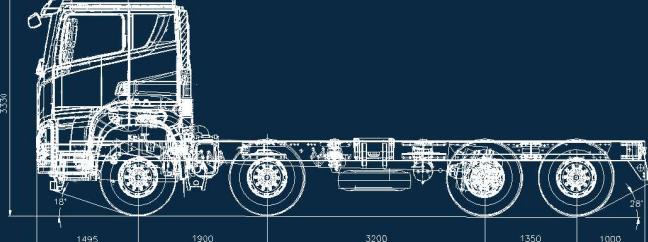
### MT

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 is equipped with a double-reduction rear axle, providing a ground clearance of 610mm at critical points, thereby ensuring superior mobility.
- 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: CA5310GJBP27K2L4T4EA80 8X4 390HP Mixer

Items	Parameters	Items	Parameters
<strong>PARAMETERS</strong>		<strong>CONFIGURATION</strong>	
<strong>MASS</strong>			<strong>ENGINE</strong>
GVW (kg)	50T	Model	FAW CA6DM2-39E52
Curb Weight of Chassis (kg)	12000	Type	6 in-line/Water-cooling/Four stroke /Inter-cooling/Direct injection
Front Axle load distribution (unload)	4720	Displacement (L)	11.05
Rear Axle load distribution (unload)	7280	Max Output Power (Kw/rpm)	290/1900
Payload	19000	Max Torque (Nm / (r/min))	1900/1300
Permissible Max.Axle Load Front/Rear	9T*2/16T*2	Horsepower (Ps)	390
<strong>DIMENSIONS</strong>		Emission Level	Euro V
Overall Length X Width X Height(Chassis)	8245	<strong>TRANSMISSION</strong>	
Wheel Base	1900+3200+1350	Model	FAST 12JSD200TA-B
Overhang(Chassis)Front &Rear	1495/850	Type	MT
Wheel Track Front &Rear	2020/2020&1878/1878	Forward Gear Ratio	i1=15.527,i2=12.072,i3=9.386,i4=7.330, i5=5.726,i6=4.462,i7=3.480,i8=2.706, i9=2.104,i10=1.643,i11=1.283,i12=1.000;
Back of Cab to Rear Axle Center	4375	Reverse Gear Ratio	Ri1=14.852,Ri2=3.329;
Height of chassis above ground	1120	<strong>CLUTCH</strong>	
<strong>PERFORMANCE</strong>		Driven Plate Dia.	Φ430
Max.Speed (km/h)	74	Type	Pull type diaphragm clutch
Max.Grade Ability (%)	35	<strong>STEERING</strong>	
Approach Angle (°)	18	Model	JIULONG
Departure Angle (")	40	Type	17Mpa
Parking Brake Grade Angle (%)		Ratio	26
Min.Ground Clearance (mm)	314	<strong>REAR AXLE</strong>	
Min.Steering Radius (m)	≤15	Model	300 model (Double-Reduction)
Braking Distance(from 30km/h)(m)		Type	Hub reduction/Rated load 16000kg
Sliding Distance(from 50km/h)(m)		Ratio	5.263
Fuel Consumption (L/100km)	≤40	<strong>BRAKE</strong>	
Fuel Tank Capacity (L)	400L	Driving Brake	Dual circuit air braking system
<strong>STRUCTURES</strong>		Parking Brake	Manual valve spring cylinder storage brake
<strong>CAB</strong>		Auxiliary Brake	Engine brake,Exhaust brake
Category	JH6 Raised floor	<strong>WHEEL</strong>	
	Flat Roof	Tire Model	315/80R22.5
Seat	2	Tyre Rim	22.5*9.0
<strong>FRAME</strong>		Tire Type	Radial/Tube
Structures	Side rails/roll-in/riveted		
Main Rail Section (mm)	300*80*(8+8)		
Suspension Type	Leaf Spring (Front 10/Rear 10/12)		
<strong>MISCELLANEOUS</strong>			
WABCO ABS			