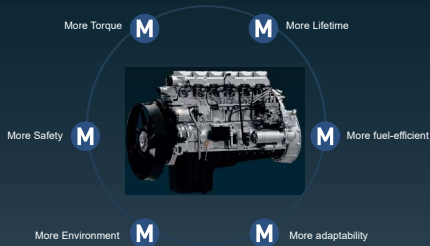


JH6 6×4 390HP BOOM CRANE (LHD)



FAW CA6DM2

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



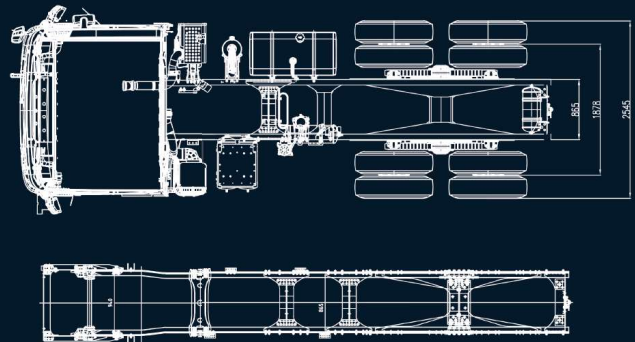
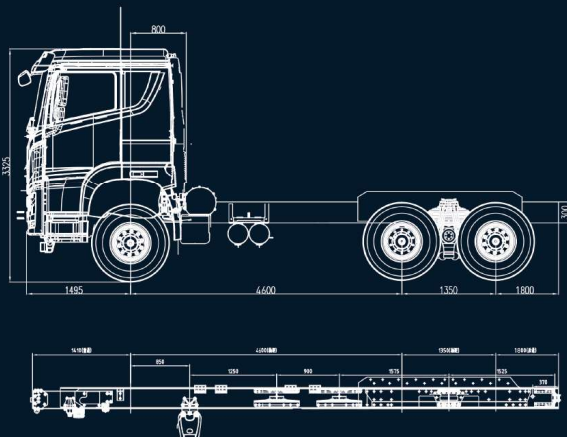
MT

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:** CA5250JSQP27K2L2T1E5A80, 6X4, 390HP Boom Crane(LHD) ► **Recommend Areas:** Full-load≤60t
- **Running Conditions:** on /off road ► **Selling points:** MT

Items	Parameters
PARAMETERS	
MASS	
GVW (kg)	39T
Curb Weight of Chassis (kg)	10980
Front Axle load distribution (unload)	5240
Rear Axle load distribution (unload)	5740
Payload	14020
Permissible Max.Axle Load Front/Rear	7T/16T*2
DIMENSIONS	
Overall Length X Width X Height(Chassis)	7745*2550*3400
Wheel Base	5865+1350
Overhang(Chassis)Front &Rear	1495/900
Wheel Track Front &Rear	2055&1878/1878
Back of Cab to Rear Axle Center	3825
Height of chassis above ground	1120
PERFORMANCE	
Max.Speed (km/h)	84
Max.Grade Ability (%)	35
Approach Angle (°)	18
Departure Angle (°)	40
Parking Brake Grade Angle (%)	
Min.Ground Clearance (mm)	314
Min.Steering Radius (m)	≤15.8
Braking Distance(from 30km/h)(m)	
Sliding Distance(from 50km/h)(m)	
Fuel Consumption (L/100km)	40
Fuel Tank Capacity (L)	400L
STRUCTURES	
CAB	
Category	JH6 Raised Floor
	Flat Roof
Seat	2
FRAME	
Structures	Side rails/roll-in/riveted
Main Rail Section (mm)	300*80*(8+8+5)
Suspension Type	Leaf Spring(Front 9/Rear 10)
MISCELLANEOUS	
WABCO ABS	

Items	Parameters
CONFIGURATION	
ENGINE	
Model	FAW CA6DM2-39E52
Type	6 in-line/Water-cooling/Four stroke/Inter-cooling/ Direct injection
Displacement (L)	11.05
Max Output Power (Kw/rpm)	290/1900
Max Torque (Nm / (r/min))	1900/1300
Horsepower (Ps)	390
Emission Level	Euro V
TRANSMISSION	
Model	FAST 12JSD200TA-B
Type	MT
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;
Reverse Gear Ratio	Ri1=14.852,Ri2=3.329;
CLUTCH	
Driven Plate Dia.	Φ430
Type	Pull type diaphragm clutch
STEERING	
Model	JIULONG
Type	17Mpa
Ratio	26
REAR AXLE	
Model	300 model (Double-Reduction)
Type	Hub reduction/Rated load 16000kg
Ratio	5.921
BRAKE	
Driving Brake	Dual circuit air braking system
Parking Brake	Manual valve spring cylinder storage brake
Auxiliary Brake	Engine brake,Exhaust brake
WHEEL	
Tire Model	315/80R22.5
Tyre Rim	24*8.5
Tire Type	Radial/Tube