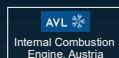


JH6 6x4 390HP BOOM CRANE (LHD)



FAW CA6DM2

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



Internal Combustion Engine, Austria



Piston, Germany



Piston Rings: ARN, China +
Japan + FEDERAL MOGUL, USA



Crankshaft,Germany



Shaft, Austria



Fuel System, Germany



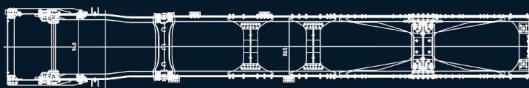
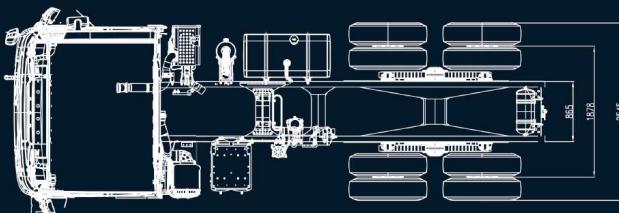
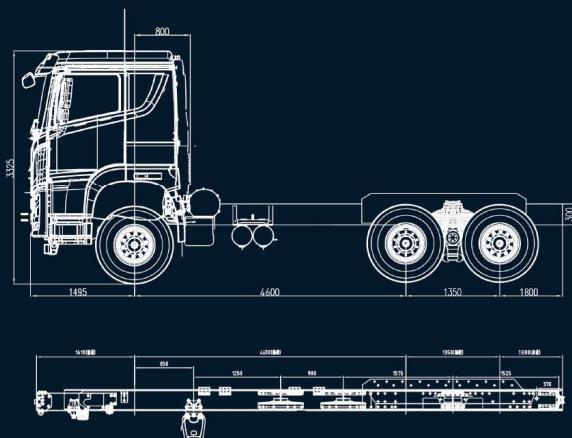
MT

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	Items CONFIGURATION	Parameters
MASS		ENGINE	
GVW (kg)	39T	Model	FAW CA6DM2-39E52
Curb Weight of Chassis (kg)	10980	Type	6 in-line/Water-cooling/Four stroke/Inter-cooling/Direct injection
Front Axle load distribution (unload)	5240	Displacement (L)	11.05
Rear Axle load distribution (unload)	5740	Max Output Power (Kw/rpm)	290/1900
Payload	14020	Max Torque (Nm / (r/min))	1900/1300
Permissible Max.Axle Load Front/Rear	7T/16T*2	Horsepower (Ps)	390
DIMENSIONS		Emission Level	Euro V
Overall Length X Width X Height(Chassis)	7745*2550*3400	TRANSMISSION	
Wheel Base	5865+1350	Model	FAST 12JSD200TA-B
Overhang(Chassis)Front &Rear	1495/900	Type	MT
Wheel Track Front &Rear	2055&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	3825	Reverse Gear Ratio	Ri1=14.852,Ri2=3.329;
Height of chassis above ground	1120	CLUTCH	
PERFORMANCE		Driven Plate Dia.	Φ430
Max.Speed (km/h)	84	Type	Pull type diaphragm clutch
Max.Grade Ability (%)	35	STEERING	
Approach Angle (°)	18	Model	JIULONG
Departure Angle (")	40	Type	17Mpa
Parking Brake Grade Angle (%)		Ratio	26
Min.Ground Clearance (mm)	314	REAR AXLE	
Min.Steering Radius (m)	≤15.8	Model	300 model (Double-Reduction)
Braking Distance(from 30km/h)(m)		Type	Hub reduction/Rated load 16000kg
Sliding Distance(from 50km/h)(m)		Ratio	5.921
Fuel Consumption (L/100km)	40	BRAKE	
Fuel Tank Capacity (L)	400L	Driving Brake	Dual circuit air braking system
STRUCTURES		Parking Brake	Manual valve spring cylinder storage brake
CAB		Auxiliary Brake	Engine brake,Exhaust brake
Category	JH6 Raised Floor	WHEEL	
	Flat Roof	Tire Model	315/80R22.5
Seat	2	Tyre Rim	24*8.5
FRAME		Tire Type	Radial/Tube
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			