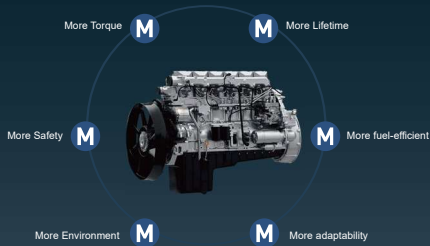


JH6 6×4 420HP TRACTOR (LHD)



FAW CA6DM2

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



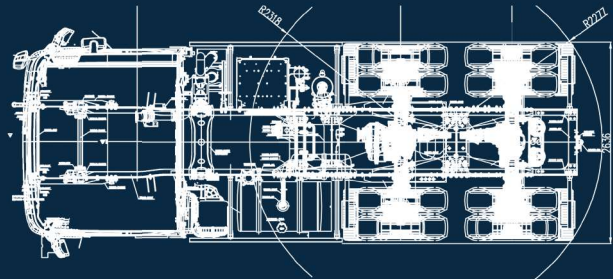
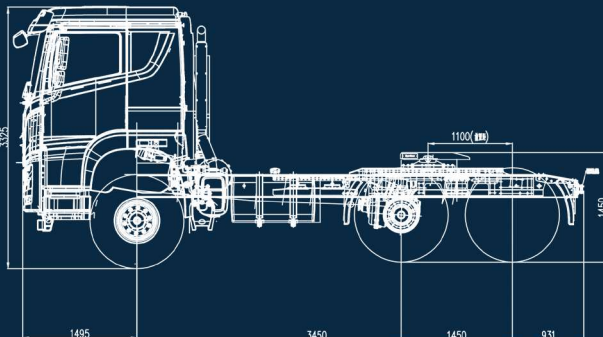
ZF16S2235 TO

The elaborately designed speed ratio difference can optimize the gear selection so as to make the engine stay in the green fuel economy zone. Gearshift comfortability is enhanced. Gearshift noise is reduced.



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.
- Raised Fifth Wheel Corrugated Board: Fits all kinds of trailers easily and stably.
- 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:** CA4250P26K2T1E5A80 6X4 420HP Tractor (LHD)

► **Recommend Areas:** GCW≤70000kg

► **Running Conditions:** on /off road

Items	Parameters
PARAMETERS	
MASS	
GVW (kg)	70T
Curb Weight of Chassis (kg)	10500
Max. drawing Capacity (kg)	59500
Total weight with trailer (kg)	70000
Max. Axle Load Distribution(Front/Kg)	9T
Max. Axle Load Distribution(Rear/Kg)	16T
Max. Load Weight at Fifth Wheel (kg)	-
DIMENSIONS	
Length (mm)	6875
Width (mm)	2500
Height (mm)	3550
Wheel Base (mm)	3450+1450
Wheel Track Front /Rear (mm)	2055/1878
Overhang Front /Rear (mm)	1495/730
PERFORMANCE	
Max.Speed (km/h)	95
Max.Grade Ability (%)	30
Approach Angle (°)	17
Departure Angle (°)	40
Parking Brake Grade Angle (%)	18
Min.Ground Clearance (mm)	314
Min.Steering Radius (m)	≤15
Braking Distance(from 30km/h)(m)	
Sliding Distance(from 50km/h)(m)	
Fuel Consumption (L/100km)	38
Fuel Tank Capacity (L)	550
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)
Suspension Type	Leaf spring(Front 11/Rear 12)
BODY	
Fifth Wheel Type (inch)	3.5 inch
Turning Radius Front (mm)	2550
Rear (mm)	2140
Fifth Wheel Height Empty Load (mm)	1440
Full Load (mm)	1400

Items	Parameters
CONFIGURATION	
ENGINE	
Model	FAW CA6DM2-42E52
Type	6 in-line/Water-cooling/Four stroke
	/Inter-cooling/Direct injection
Displacement (L)	11.05
Max Output Power (Kw/rpm)	312/1900
Max Torque (Nm / (r/min))	2100/1100-1400
Horsepower (Ps)	420
Emission Level	Euro 5
TRANSMISSION	
Model	ZF16S2235 TO
Type	Overdrive/MT
Forward Gear Ratio	i1=13.8;i2=11.54;i3=9.49;i4=7.93;i5=6.53;
	i6=5.46;i7=4.57;i8=3.82;i9=3.02;i10=2.53;
	i11=2.08;i12=1.74;i13=1.43;i14=1.2;i15=1;
	i16=0.84;
Reverse Gear Ratio	Ri1=12.92;Ri2=10.8;
CLUTCH	
Driven Plate Dia.	Φ430
Type	Pull type diaphragm clutch
STEERING	
Model	JIULONG
Type	17Mpa
Ratio	26.2
REAR AXLE	
Model	300 model
Type	Hub reduction/Rated load 16000kg
Reduction Ratio	4.805
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	12.00R24
Tyre Rim	24*8.5
Tire Type	Radial/Tube
MISCELLANEOUS	
WABCO ABS	