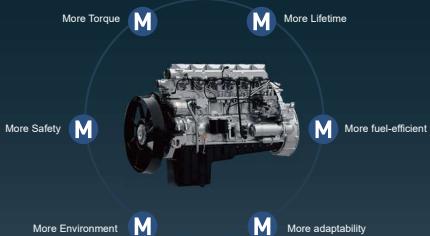


JH6 6x4 420HP TRACTOR (LHD)



FAW CA6DM2

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



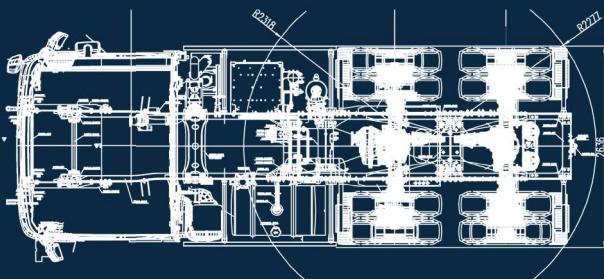
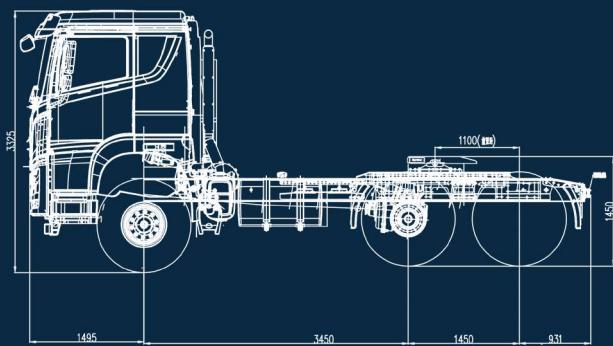
ZF16S2235 TO

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)
- Running Conditions: on /off road

► Recommend Areas: GCW≤7000kg

Items	Parameters	Items	Parameters
PARAMETERS		CONFIGURATION	
MASS			ENGINE
GVW (kg)	70T	Model	FAW CA6DM2-42E52
Curb Weight of Chassis (kg)	10500	Type	6 in-line/Water-cooling/Four stroke /Inter-cooling/Direct injection
Max. drawing Capacity (kg)	59500	Displacement (L)	11.05
Total weight with trailer (kg)	70000	Max Output Power (Kw/rpm)	312/1900
Max. Axle Load Distribution(Front/Kg)	9T	Max Torque (Nm / (r/min))	2100/1100-1400
Max. Axle Load Distribution(Rear/Kg)	16T	Horsepower (Ps)	420
Max. Load Weight at Fifth Wheel (kg)	-	Emission Level	Euro 5
DIMENSIONS		TRANSMISSION	
Length (mm)	6875	Model	ZF16S2235 TO
Width (mm)	2500	Type	Overdrive/MT
Height (mm)	3550	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;
Wheel Base (mm)	3450+1450	Reverse Gear Ratio	Ri1=12.92;Ri2=10.8;
Wheel Track Front /Rear (mm)	2055/1878	CLUTCH	
Overhang Front /Rear (mm)	1495/730	Driven Plate Dia.	Φ430
PERFORMANCE		Type	Pull type diaphragm clutch
Max.Speed (km/h)	95	STEERING	
Max.Grade Ability (%)	30	Model	JIULONG
Approach Angle (°)	17	Type	17Mpa
Departure Angle (°)	40	Ratio	26.2
Parking Brake Grade Angle (%)	18	REAR AXLE	
Min.Ground Clearance (mm)	314	Model	300 model
Min.Steering Radius (m)	≤15	Type	Hub reduction/Rated load 16000kg
Braking Distance(from 30km/h)(m)		Reduction Ratio	4.805
Sliding Distance(from 50km/h)(m)		BRAKE	
Fuel Consumption (L/100km)	38	Driving Brake	Dual circuit air braking system
Fuel Tank Capacity (L)	550	Parking Brake	Manual valve spring cylinder storage brake
STRUCTURES		Auxiliary Brake	Engine brake,Exhaust brake
CAB		WHEEL	
Category	JH6 Raised floor	Tire Model	12.00R24
	Flat roof	Tyre Rim	24*8.5
Seat	2	Tire Type	Radial/Tube
FRAME		MISCELLANEOUS	
Structures	Side rails/roll-in/riveted	WABCO ABS	
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		