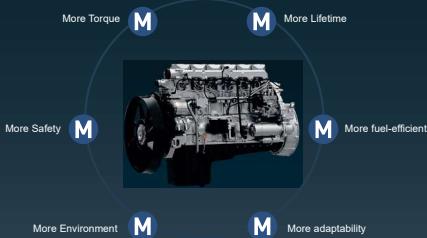


JH6 4x2 420HP TRACTOR MT (Heavy Function)



FAW CA6DM2

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



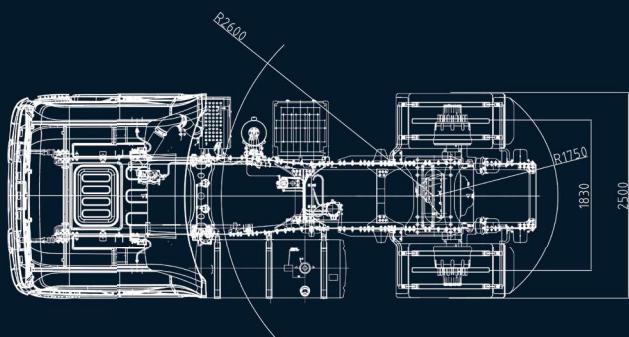
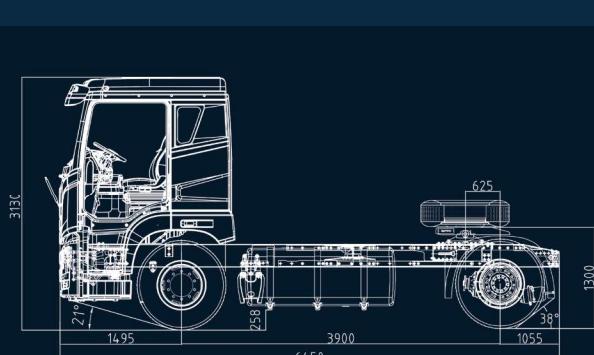
ZF16S2235 TO

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: CA4180P26K2E5A80 4X2 420HP Tractor(LHD)
- Running Conditions: on road

- Recommend Areas: GCW45000kg
- Selling points: MT

Items PARAMETERS	Parameters	Items CONFIGURATION	Parameters
MASS		ENGINE	
GVW (kg)	45T	Model	FAW CA6DM2-42E52
Curb Weight of Chassis (kg)	6900	Type	6 in-line/Water-cooling/Four stroke/ Intercooling/Direct injection
Max. drawing Capacity (kg)	38100	Displacement (L)	11.05
Total weight with trailer (kg)	45000	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
DIMENSIONS		Emission Level	Euro 5
Length (mm)	6450	TRANSMISSION	
Width (mm)	2570	Model	ZF16S2235 TO
Height (mm)	3550	Type	Overdrive/MT
Wheel Base (mm)	3900	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 Track Front /Rear (mm)	2020/1847	Reverse Gear Ratio	Ri1=12.92,Ri2=10.8;
Overhang Front /Rear (mm)	1495/1055	CLUTCH	
PERFORMANCE		Driven Plate Dia.	Φ430
Max.Speed (km/h)	120	Type	Pull type diaphragm clutch
Max.Grade Ability (%)	25	STEERING	
Approach Angle (°)	17	Model	TRW
Departure Angle (°)	40	Type	15Mpa
Parking Brake Grade Angle (%)	12	Ratio	23.30
Min.Ground Clearance (mm)	222	REAR AXLE	
Min.Steering Radius (m)	≤15	Model	300 model
Braking Distance(from 30km/h)(m)		Type	Double reduction/Rated load16000kg
Sliding Distance(from 50km/h)(m)		Ratio	4.1
Fuel Consumption (L/100km)	33	BRAKE	
Fuel Tank Capacity (L)	725	Driving Brake	Dual circuit air braking system
STRUCTURES		Parking Brake	Manual valve spring cylinder storage brake
CAB		Auxiliary Brake	Engine brake
Category	JH6 Raised floor	WHEEL	
	Flat roof	Tire Model	12.00R24
Seat	2	Tyre Rim	24*8.5
FRAME		Tire Type	Radial/Tube
Structures	Side rails/roll-in/riveted	MISCELLANEOUS	
Main Rail Section (mm)	300*80*(8+5)	WABCO ABS	
Suspension Type	Leaf spring(Front 10/Rear 9+6)		
BODY			
Fifth Wheel Type (inch)	2.0 inch		
Turning Radius Front (mm)	2200		
Turning Radius Rear (mm)	1850		
Fifth Wheel Height Empty Load (mm)	1350		
Fifth Wheel Height Full Load (mm)	1300		