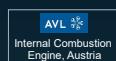


JH6 4x2 420HP TRACTOR AMT (Multi-function)



FAW CA6DM2

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



Internal Combustion Engine, Austria



Piston, Germany



Piston Rings: AFRN, China + FR, Japan + FEDERAL MOGUL, USA



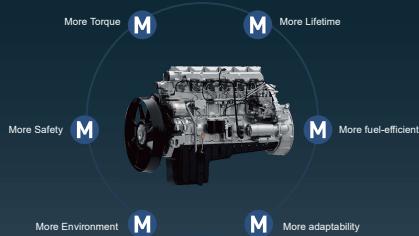
Crankshaft, Germany



Shaft, Austria



Fuel System, Germany



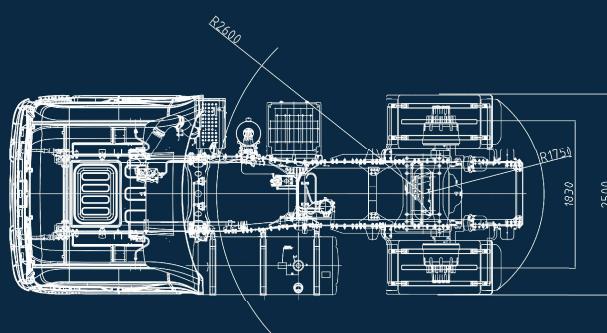
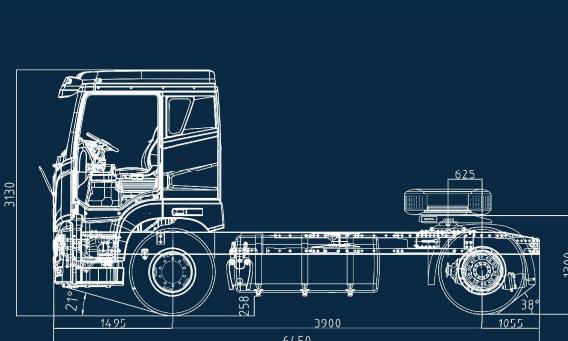
AMT

During the driving process of the vehicle matched with the AMT transmission, the computer will give the optimaldynamic or economic target gear at the real time accordingto the different loads, road conditions and vehicle operatingconditions. The mechanical transmission efficiency is high,which is conducive to giving full play to the power of thevehicle, improving the fuel economy and reducing emissionpollution.



498 axle

With the strong bearing capacity (13 tons), strong driving capacity (output torque: 50000N. m), wide speed ratio (speed ratio range: 2.688-4.875), light weight and other characteristics, it is a highly competitive product in the standard load transportation market.



- 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: CA4181P26K2E5A80 4X2 420HP Tractor(LHD)
- Recommend Areas: GCW4500kg
- Running Conditions: on road
- Selling points: AMT

Items	Parameters	Items	Parameters
PARAMETERS		CONFIGURATION	
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)	7T	Max Torque (Nm / (r/min))	2100/1100-1400
Max. Axle Load Distribution(Rear/Kg)	13T	Horsepower (Ps)	420
DIMENSIONS		Emission Level	Euro 5
Length (mm)	6450	TRANSMISSION	
Width (mm)	2570	Model	FAST F12JZ22A
Height (mm)	3550	Type	Overdrive/AMT
Wheel Base (mm)	3900	Forward Gear Ratio	i1=12.26, i2=9.56, i3=7.36, i4=5.73, i5=4.52, i6=3.52, i7=2.71, i8=2.11, i9=1.63, i10=1.27, i11=1.00, i12=0.78;
Wheel Track Front /Rear (mm)	2020/1847	Reverse Gear Ratio	iRL=11.28, iRH=8.79;
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	498 model
Braking Distance(from 30km/h)(m)		Type	Single reduction/Rated load 13000kg
Sliding Distance(from 50km/h)(m)		Ratio	4.1
Fuel Consumption (L/100km)	33	BRAKE	
Fuel Tank Capacity (L)	600	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	Front:385/65R22.5,Rear:315/80R22.5
Seat	2	Tyre Rim	9.00×22.5
FRAME		Tire Type	Radial/Tubeless
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		