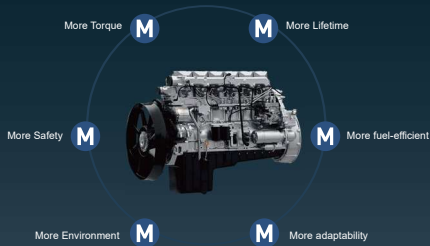


# JH6 4×2 420HP TRACTOR AMT (Standard)



## FAW CA6DM2

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



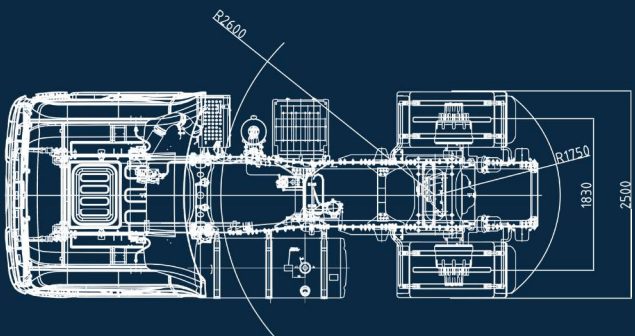
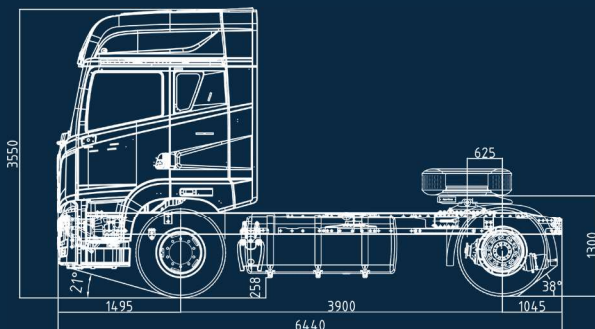
### AMT

During the driving process of the vehicle matched with the AMT transmission, the computer will give the optimal dynamic or economic target gear at the real time according to the different loads, road conditions and vehicle operating conditions. The mechanical transmission efficiency is high which is conducive to giving full play to the power of the vehicle, improving the fuel economy and reducing emission pollution.



### 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)  
 ► **Running Conditions:** on road

- **Recommend Areas:** GCW45000kg  
 ► **Selling points:** AMT

Items	Parameters
<b>PARAMETERS</b>	
<b>MASS</b>	
GVW (kg)	45T
Curb Weight of Chassis (kg)	6900
Max. drawing Capacity (kg)	38100
Total weight with trailer (kg)	45000
Max. Axle Load Distribution(Front/Kg)	7T
Max. Axle Load Distribution(Rear/Kg)	13T
<b>DIMENSIONS</b>	
Length (mm)	6450
Width (mm)	2570
Height (mm)	3850
Wheel Base (mm)	3900
Wheel Track Front /Rear (mm)	2020/1847
Overhang Front /Rear (mm)	1495/1055
<b>PERFORMANCE</b>	
Max.Speed (km/h)	120
Max.Grade Ability (%)	25
Approach Angle (°)	17
Departure Angle (°)	40
Parking Brake Grade Angle (%)	12
Min.Ground Clearance (mm)	222
Min.Steering Radius (m)	≤15
Braking Distance(from 30km/h)(m)	
Sliding Distance(from 50km/h)(m)	
Fuel Consumption (L/100km)	30
Fuel Tank Capacity (L)	725
<b>STRUCTURES</b>	
<b>CAB</b>	
Category	JH6 Raised floor With a fairing,High roof
Seat	2
<b>FRAME</b>	
Structures	Side rails/roll-in/riveted
Main Rail Section (mm)	300*80*8
Suspension Type	Leaf spring(Front 3/Rear 3+3)
<b>BODY</b>	
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

Items	Parameters
<b>CONFIGURATION</b>	
<b>ENGINE</b>	
Model	FAW CA6DM2-42E52
Type	6 in-line/Water-cooling/Four stroke/ Intercooling/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
<b>TRANSMISSION</b>	
Model	FAST F12JZ22A
Type	Overdrive/AMT
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;
Reverse Gear Ratio	iRL=11.28,iRH=8.79;
<b>CLUTCH</b>	
Driven Plate Dia.	Φ430
Type	Pull type diaphragm clutch
<b>STEERING</b>	
Model	TRW
Type	15Mpa
Ratio	23.3
<b>REAR AXLE</b>	
Model	498 model
Type	Single reduction/Rated load 13000kg
Ratio	4.1
<b>BRAKE</b>	
Driving Brake	Dual circuit air braking system
Parking Brake	Manual valve spring cylinder storage brake
Auxiliary Brake	Engine brake
<b>WHEEL</b>	
Tire Model	Front:385/65R22.5,Rear:315/80R22.5
Tyre Rim	9.00×22.5
Tire Type	Radial/Tubeless
<b>MISCELLANEOUS</b>	
WABCO ABS	