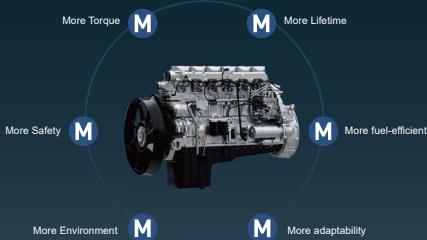


JH6 4x2 420HP TRACTOR AMT (Standard)



FAW CA6DM2

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



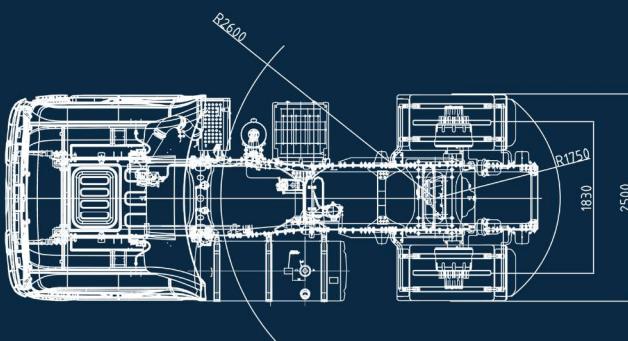
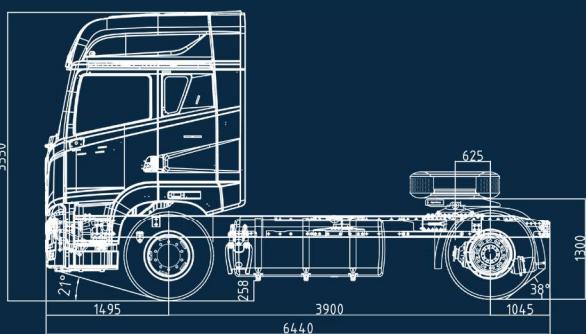
AMT

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 | 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) | 3850 | 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 | 23.3 |
| 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) | 30 | 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 | |
| | With a fairing,High 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 | WABCO ABS | |
| Suspension Type | Leaf spring(Front 3/Rear 3+3) | | |
| 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 | | |