



# New J6P Series

Model **CA4180P66K24E5**

**4X2 420HP Tractor (LHD)**

## Recommend areas :

United Arab Emirates, and other similar areas, etc.

## Running conditions:

Highway & national road, Round trip, Full-load ≤ 50T, Long

## Selling points:

Powerful, Safety, Reliability, Comfort, Long maintenance period, Low fuel consumption, Lower center of gravity, etc.



## PARAMETERS

### MASS

GVW (kg)	18000
Curb Weight of Chassis (kg)	6805
Payload (kg)	11195

Max. Axle Load Distribution(Front/Kg)	7000
Max. Axle Load Distribution(Rear/Kg)	13000

### DIMENSIONS

Length (mm)	6145
Width (mm)	2550
Height (mm)	3060
Wheel Base (mm)	3600
Wheel Track Front /Rear (mm)	2020/1830
Overhang Front /Rear (mm)	1500/1045

### PERFORMANCE

Max. Speed (km/h)	117
Max. Grade Ability (%)	36
Approach Angle (°)	18
Departure Angle (°)	35
Parking Brake Grade Angle (%)	≥12
Min. Ground Clearance (mm)	220
Min. Steering Diameter (m)	13
Braking Distance(Full load at 60km/h) (m)	≤36.7
Sliding Distance(from 50km/h) (m)	> 1400
Fuel Consumption (L/100km)	34
Fuel Tank Capacity (L)	600

## STRUCTURES

### CAB

Category	New J6P/Flat roof/Row and a half
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Seat	2
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### FRAME

Structures	Ladder type/channel section side rails/Punching
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Main Rail Section (mm)	300×80×8
Suspension Type	Leaf spring 3/3+3

### BODY

Type	1750
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Baseboard thickness (mm)	1950
Sideboard thickness (mm)	1310
Dimension (mm)	-

## CONFIGURATION

### ENGINE

Model	FAWDE CA6DM2-42E52
Type	6 in-line/Water-cooling/Four stroke/Inter-cooling/Direct injection
Displacement (L)	11.05
Max Output Power (Kw/rpm)	309/1900
Max Torque (Nm/(r/min))	2100/1200~1400
Horsepower (Ps)	420
Emission Level	Euro V

### TRANSMISSION

Model	FAST 12JSDX220TA-B
Type	Overdrive/Synchronizer/Twin countershaft
Forward Gear Ratio	i1=12.1;i2=9.41;i3=7.31;i4=5.71;i5=4.46;i6=3.48;i7=2.71;i8=2.11;i9=1.64;i10=1.28;i11=1;i12=0.78;

Reverse Gear Ratio	Ri1=11.56;Ri2=2.59;
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### CLUTCH

Driven Plate Dia.	Φ430
Type	Pull type diaphragm clutch

### STEERING

Model	/
Type	Recycle ball-type power steering gear
Ratio	-

### REAR AXLE

Model	498 Punching welding (io=4.1)
Type	Single reduction/Rated load 13T/Max. output torque 50000Nm
Reduction Ratio	4.1

### BRAKE

Driving Brake	Dual circuit air braking system
Parking Brake	Manual valve spring cylinder storage brake
Auxiliary Brake	Engine brake

### WHEEL

Tire Model	315/80R22.5-18
Tire Rim	9.00×22.5
Tire Type	Radial/Tubeless

## MISCELLANEOUS

Air-conditioner	Integral mudguard
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