



J6P Series(T)

Model CA4180P66K24E4

4X2 420HP Tractor (LHD)

Recommend areas :

Iran, The Middle East, and other similar areas, etc.

Running conditions:

Highway & national road, Round trip, Full-load ≤ 65T, Long

Selling points:

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



PARAMETERS

MASS

GVW (kg)	18000
Curb Weight of Chassis (kg)	7900
Max. drawing Capacity (kg)	34500
Total weight with trailer (kg)	43000
Max. Axle Load Distribution(Front/Kg)	7000
Max. Axle Load Distribution(Rear/Kg)	13000
Max. Load Weight at Fifth Wheel (kg)	10170

DIMENSIONS

Length (mm)	6405
Width (mm)	2495
Height (mm)	3600
Wheel Base (mm)	3800
Wheel Track Front /Rear (mm)	2020/1830
Overhang Front /Rear (mm)	1470/1135

PERFORMANCE

Max. Speed (km/h)	109(limited 90)
Max. Grade Ability (%)	34.5
Approach Angle (°)	18
Departure Angle (°)	35
Parking Brake Grade Angle (%)	≥12
Min. Ground Clearance (mm)	220
Min. Steering Diameter (m)	13.7
Braking Distance(Full load at 60km/h) (m)	≤36.7
Sliding Distance(from 50km/h) (m)	> 1400
Fuel Consumption (L/100km)	35
Fuel Tank Capacity (L)	800

STRUCTURES

CAB

Category	J6P/High roof/Full floating/Row and a half
Seat	2

FRAME

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

BODY

Fifth Wheel Type (inch)	2
Turning Radius Front (mm)	2040
Rear (mm)	1850
Fifth Wheel Height Empty Load (mm)	1310
Full Load (mm)	-

CONFIGURATION

ENGINE

Model	FAWDE CA6DM2-42E4
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))	1900/1200~1400
Horsepower (Ps)	420
Emission Level	Euro IV

TRANSMISSION

Model	ZF16S2230 TO
Type	Overdrive/Synchronizer/Twin countershaft
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;
Reverse Gear Ratio	Ri1=12.92;Ri2=10.8;

CLUTCH

Driven Plate Dia.	Φ430
Type	Pull type diaphragm clutch

STEERING

Model	TRW TAS85
Type	integral power steering/adjustable tilt and
Ratio	23.3

REAR AXLE

Model	498 Punching welding-FAW (io=4.111)
Type	Single reduction/Rated load 13T/Max. output torque 40000Nm
Reduction Ratio	4.111

BRAKE

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

WHEEL

Tire Model	12R22.5-18
Tire Rim	9.00×22.5
Tire Type	Radial/Tubeless

MISCELLANEOUS

Maintenance-free batteries (Camel)	Cruise Control
Air-conditioner	Speed limiting device
Clutch (SACHS)	Tachograph
Air suspension seat	