

Products Technical Specification

SAIPA DIESEL

Prod. Name:

KX480 ATM(4*2)

EURO V + DPF

TYPE3

Form No:

Validity Date:

Chassis Dimensions (mm)

Overall chassis length	6360
Cab width	2500
Cab height (unladen)	3960
Wheel base	3800
Max speed (km/h)	90

Frame profile Dimension (mm)

Frame width (front)	1080
Frame width (rear)	800
Profile height	300
Profile width	90
Profile thickness	8+4

Chassis weights (kg)

G.C.W	45000
G.V.W	18000
Curb weight	8920
Max. front axle load	7000
Max. rear axle load	13000
Chassis weight include :	
Note: Weights can vary $\pm 1.5\%$	

Clutch

Type	SACHS
Model	MF 430
Plate diameter	430mm

Engine

Type	Cummins ISZ480-51
Emission level	Euro V +DPF
Max. power :	353kw(480hp)at1900rpm
Max. torque :	2330 Nm at 1200 rpm
Number of cylinders	6
Displacement (lit)	13
Engine oil capacity (lit)	42.5
Cooling system volume (lit)	53
Special equipment :	
	Water cooled, turbocharged ,high pressure common rail+SCR, pre heating for starting, Engine braking system ,Electro-viscous fan

Gear box

Type	ZF 12TX2620.AMT
Max. torque (N.m)	2600
No. of gears	12 forward gear & 2 reverse Intelligent shifting automatic gearbox system
Weight without oil (kg)	
Oil change capacity (lit)	
Gear box oil capacity (lit)	13.5

Gear ratios

1 st	16.688
2 nd	12.924
3 rd	9.926
4 th	7.688
5 th	5.895
6 th	4.565
7 th	3.655
8 th	2.831
9 th	2.174
10 th	1.684
11 th	1.291
12 th	1
Reverse (1)	15.537
Reverse (2)	12.033

Brake System
<i>front and rear disc brake ,double cylinder air compressor , split pneumatic circuit , parking spring brake acting on rear axles , Trailer brake, EBS+ ESC, Engine brake , Aluminum air tanks</i>

Axles	Elliot
Front	
Type	<i>forged , I beam section</i>
Load capacity	(tons) 7
Rear	
Load capacity	(tons) 13
<i>wheel differential lock (maintain-free axle for front and rear)</i>	
Axles oil capacity (lit)	16

Steering	
System:	<i>Integral power assisted</i>
No. of turns (lock to lock)	5
Steering wheel's dia. (mm)	450

Tyres	
Type	<i>Radial tubeless Tire</i>
Size	<i>315/80R22.5</i>

Suspension	
Front	<i>Parabolic spring with shock absorber and stabilizer bar</i>
Rear	<i>4 air bellows fully pneumatic suspension with shock absorber and stabilizer bar</i>

Fuel Tank	
<i>Double aluminium fuel tank,</i>	Capacity:
	<i>450+640lit 1090lit</i>

Cab
<i>New generation DongFeng Sleeper cab, forward control type , High roof, two bunks, all welded steel cab of tilt type, , cab (front +rear) air suspension, driver pneumatic adjustable seat,passenger seat pneumatic, multimedia system (radio,usb,...) air conditioning system, central lock, wind shield wiper and washer, roof hatch ,antirust covering, external sun visor ,electrical window lift, ,electric operated heated mirrors ,refrigerator</i>

Electrical System	
Voltage (V)	24
Battery capacity (A.h)	180
Alternator capacity (A)	80A
Starter (kw)	7.8

Instruments
<i>speedometer, water thermometer , fuel gauge, compressed air gauge, oil pressure gauge. cruise control</i>

Standard Equipments
<i>standard trailer connection,water separator fuel filter , safety belts, spare wheel, fire extinguisher, internal sun visor, fuel tank lock, jack, tool kit, fifth wheel, indicator lights , fog lights ,warning triangle, Trailer brake, rear lights, mudguard ,chassis skirt , electrical cab tilt , engine start from outside of cab,parking heater ,Tachograph VDO, parking cooler ,multimedia system</i>

Urea Tank	
<i>High density Polyethelene</i>	Capacity:
	45lit