



#### **Performance**

- Max. Speed (km/h): 97
- Max Grade Ability %: 31
- Fuel Tank Capacity: 600
- Parking Brake Grade Angle (%): 18

## ***MODEL J5 380HP***

***6x4 PRIME MOVER***

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6x4 PRIME MOVER

Model Recommended:

RHD CA4181P2K15T1YA80

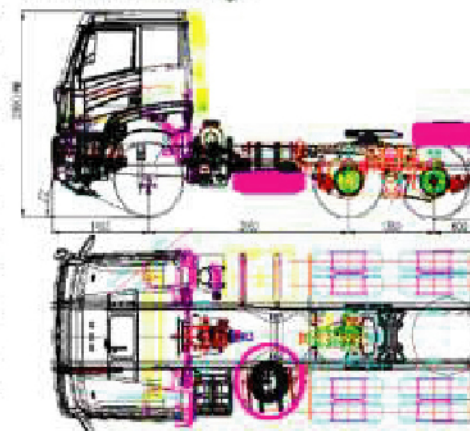
Operating Conditions Recommended:

The total weight  $\leq 60$  tons, Use for intercity logistics, heavy loading, poor road condition;  
Maximum speed of 83km/h, Economic speed 60-85 ( km/h) / 1400-1900 (r/min)

Configure Recommended:

Driving Type	6x4
Cab	J5P Flat Roof
Engine	WEICHAJ WP10.380E32
Transmission	FAST 12JS160T
Driving Axle	$\phi 457$ Single Reduce
Ratio	4.444
Frame	300x80x8 + 284x77x5 (mm)
Tire	315/80R22.5-18
Fuel Tank	600L
Fifth Wheel	$\phi 50$
Wheelbase	3150+1350 mm

Chassis drawing:



CAB	
Type	New J5P Comfort-type full floating flat-top Two-points air suspension / Manual window regulator/ Air spring seat / Electro-hydraulic lifting/ Intermediate seat
Seats	Two seats and single sleeper

ENGINE	
Make/Model	WEICHAJ WP10.380E32
Type	6 in-line / Water cooling / Turbocharged / Air intercooling /EGR
Displacement	9726 (cm <sup>3</sup> )
Max.Output Power	280/2200 (Kw/rpm)
Max Torque	1460/(1400-1500) (Nm/(r/min))
Emission Level	EURO II

MASS	kg
GVW	18000
Curb Weight of Vehicle	8750
Max.Loading at Front / Rear	7000 / 2 x 13000
Unladen Front / Rear	4760 / 3990
Max. Drawing Capacity	49000
Total Weight With Trailer	57750
Max. Weight at Fifth Wheel	9250

DIMENSIONS	mm
Length	6798
Width	2485
Height	2990
Wheel Base	3150+1350
Wheel Track (Front / Rear)	2020 / 1830
Overhang (Front / Rear)	1493/800

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TRANSMISSION						
Model	FAST 12JS160T					
Type	Twin countershaft /synchromesh					
Forward Ratios	15.53	12.08	9.39	7.33	5.73	4.46
	3.48	2.71	2.10	1.64	1.28	1.00
Reverse Ratio	14.86	3.33				
CLUTCH						
Diameter	φ 430					
Type	Dry type,Single plate					
Operation	Hydraulic-Air assisted					
STEERING						
Type	Recirculating Ball					
Gear Ratio	20.48 : 1					
Operation	Hydraulic Power Assisted					
AXLES						
Front Axle	I - section Beam (forged steel)					
Rear Axle	Full Floating - Single Reduction					
Rear Axle Ratio	4.444					
FRAME						
Type	Straight Ladder Type - Riveted					
Front Suspension	Semi-Elliptical Leaf Springs with Double Acting Shock Absorbers					
Rear Suspension	Semi-Elliptical Leaf Springs with Auxiliary Springs					
WHEELS						
Rim	9 x 22.5					
Tire Model	315/80R22.5-18					
Tire Type	Tubeless Radial					

Slewing radius (Front / Rear)	2200 / 2200
Height of Fifth Wheel (Un / Full)	1329/1279
Min.Ground Clearance	314
Min.Steering Diameter	15600

## BRAKE SYSTEM

Driving Brake	Dual circuit,air pressure
Parking Brake	Spring energy storage
Auxiliary Brake	Exhaust brake

## ELECTRICAL SYSTEM

System Voltage & Type	24V Negative Earth
Alternator Output	1500W
Batteries	6-QAW-150, two series

## PERFORMANCE

Max. Theoretical Speed (km/h)	97
Max. Grade Ability (%)	31
Approach Angle (°)	22
Departure Angle (°)	39
Continuous Mileage	≥1000
Braking Distance (m)	≤36.7 (full-loading at 60km/h)
Parking Slope (%)	≥18
Fuel Consumption (L/100km)	
Fuel Tank Capacity (L)	500

## MISCELLANEOUS

Valves (WABCO)	Clutch (EATON)
Operating soft shaft (TUTHILL)	Clutch servo (WABCO)
Maintenance-free batteries (GLOBAL)	

## OPTION

Power Take-off	Dome
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Ergonomically Designed Cabin with  
High Standard Dashboard



Radio



Adjustable Power  
Assisted Steering



Odometer



Air Suspension  
Adjustable Seat



## FEATURES

# MODEL J5 380HP

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WP10380E32 Weichai Engine



Main Rear Suspension



Full cover mud guard



WABCO Valve



Fifth Wheel



Stainless Steel Fuel Tank  
Capacity-500L



12JS160T Transmission

## AFTER SALE SERVICE



For overall maintenance, genuine spares and breakdown services, Transafrica Motors Ltd. has a wide servicing network that enables you to conveniently access the nearest service centre or branch, wherever you are. We also have a 24/7 HOTLINE NUMBERS: KISUMU-0791 391 777, ELDORET-0799 212 145 and NAKURU-0776 020 407 at your service.

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Enterprise Rd  
Tel: (020) 6550695  
Mob: 0720 - 777 777

**Mombasa**  
Jomo Kenyatta Ave  
Tel: (041) 2491720/30  
Mob: 0724-999 222

**Kisumu**  
Obote Road,  
Tel: (057) 2026386  
Mob: 0704-506 895

**Nakuru**  
Nakuru - Nairobi Highway next to Tuskys Hyrax.  
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