



Tiger V 4X4 Series

Recommend Model CA2080P40KST5YA84

4X4 130HP Dump Truck (LHD/RHD)

Recommend areas :

Malaysia, Bangladesh, Philippines, Myanmar, etc.

Running conditions:

Sand stone and other resources transportation, Urban Construction, etc.



PARAMETERS

MASS

GVW (kg)	7800
Curb Weight of Chassis (kg)	3500
Payload (kg)	4300
Max. Axle Load Distribution(Front/Kg)	2500
Max. Axle Load Distribution(Rear/Kg)	6000

DIMENSIONS

Length (mm)	6250
Width (mm)	2250
Height (mm)	2600
Wheel Base (mm)	3860
Wheel Track Front /Rear (mm)	1664/1560
Overhang Front /Rear (mm)	1190/1500

PERFORMANCE

Max. Speed (km/h)	105
Max. Grade Ability (%)	70
Approach Angle (°)	36
Departure Angle (°)	21.5
Parking Brake Grade Angle (°)	18
Min. Ground Clearance (mm)	225
Min. Steering Diameter (m)	10.72
Braking Distance(from 30km/h) (m)	≤10
Sliding Distance(from 50km/h) (m)	≥1050
Fuel Consumption (L/100km)	≤14
Fuel Tank Capacity (L)	80

STRUCTURES

CAB

Category	Tiger VH/Flat roof/Single row/RH
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Seat	3
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FRAME

Structures	Side rails/punching/riveted
Main Rail Section (mm)	216*75*6
Auxiliary Rail Section (mm)	
Suspension Type	Leaf spring

BODY

Type	Rectangle/under-body Hydraulic lifting
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Baseboard thickness (mm)	-
Sideboard thickness (mm)	-
Dimension (mm)	3750

CONFIGURATION

ENGINE

Model	YUCHAI YC4D130-33
Type	4 in-line/water-cooling/Four stroke/Inter-cooling/Direct injection
Displacement (L)	4.214
Max Output Power (Kw/rpm)	96/2800
Max Torque (Nm/(r/min))	380/1400-1700
Horsepower (Ps)	130
Emission Level	Euro II

TRANSMISSION

Model	WLY 6T115
Type	Overdrive/Synchronizer/Twin countershaft

Forward Gear Ratio	i1=6.32;i2=3.927;i3=2.283;i4=1.396;i5=1;i6=0.789;
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Reverse Gear Ratio	Ri1=5.858;
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CLUTCH

Driven Plate Dia.	Φ330
Type	Pull type diaphragm clutch

STEERING

Model	D9098
Type	Recycle ball-type power steering gear
Ratio	20.42

REAR AXLE

Model	1068 Punching welding (io=4.875)
Type	Single reduction/Rated load 5T/Max. output torque 11000Nm
Reduction Ratio	4.875

BRAKE

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

WHEEL

Tire Model	7.50R1614
Tire Rim	6.5-16
Tire Type	Radial/Inner tube

MISCELLANEOUS

Maintenance-free batteries (Car)	Power take-off
Air-conditioner	

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