



# Tiger V Series

**Recommend Model CA1083P40K2L5E5A85**

**4X2 141HP Rigid Truck (LHD/RHD)**

**Recommend areas :**

**Middle East, Philippines, South Africa, Mexico, Chile, Peru, etc.**

**Running conditions:**

**Flatlands, Inside city & Intercity light load, Short distance transportation, etc.**



## PARAMETERS

### MASS

GVW (kg)	8000
Curb Weight of Chassis (kg)	3255
Payload (kg)	4745
Max. Axle Load Distribution(Front/Kg)	2600
Max. Axle Load Distribution(Rear/Kg)	6000

### DIMENSIONS

Length (mm)	7875
Width (mm)	2080
Height (mm)	2405
Wheel Base (mm)	4650
Wheel Track Front /Rear (mm)	1634/1590
Overhang Front /Rear (mm)	1150/2075

### PERFORMANCE

Max. Speed (km/h)	Speed limit 90
Max. Grade Ability (%)	42
Approach Angle (°)	21
Departure Angle (°)	13
Parking Brake Grade Angle (%)	18
Min. Ground Clearance (mm)	200
Min. Steering Diameter (m)	17.1
Braking Distance(from 30km/h) (m)	≤10
Sliding Distance(from 50km/h) (m)	≥1050
Fuel Consumption (L/100km)	13.3
Fuel Tank Capacity (L)	130

## STRUCTURES

### CAB

Category	Tiger VH/Flat roof/Row and a half/Skylight/J6F Front panel & Seat
Seat	3

### FRAME

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

### BODY

Type	Rack-body truck/Van-type truck/Stake truck/Tank truck
Baseboard thickness (mm)	-
Sideboard thickness (mm)	-
Dimension (mm)	Optional 6130

## CONFIGURATION

### ENGINE

Model	CUMMINS ISF3.8s5141
Type	4 in-line/water-cooling/Four stroke/Inter-cooling/Direct injection
Displacement (L)	3.76
Max Output Power (Kw/rpm)	105/2600
Max Torque (Nm/(r/min))	450/1200~2200
Horsepower (Ps)	141
Emission Level	Euro V

### TRANSMISSION

Model	ZF6S500
Type	Overdrive/Synchronizer/Twin countershaft
Forward Gear Ratio	i1=6.198;i2=3.287;i3=2.025;i4=1.371;i5=1;i6=0.78;

### CLUTCH

Driven Plate Dia.	Φ350
Type	Pull type diaphragm clutch

### STEERING

Model	DR005
Type	Recycle ball-type power steering gear
Ratio	20.42

### REAR AXLE

Model	340 Punching welding (io=4.875)
Type	Single reduction/Rated load 6T/Max. output torque 14200Nm
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	235/75R17.5-16
Tire Rim	6.75x17.5
Tire Type	Radial/Tubeless

## MISCELLANEOUS

Maintenance-free batteries (Car	Speed limiting device
Air-conditioner	Wind deflector (top)
Operating soft shaft (TUTHILL)	Power take-off

OPTIONAL: FAW DEUTZ CA4DC3-12E5 \ WP3.7Q130E50 \ YUCHAI YC4D130-33、WLY 6TS40、10581068 AXLE

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