CAMC 6x4 5000 GALLON WATER TANKER

Engine Cummins L375 20 375HP

Type:	Four-stroke, water-cooled, in-line, dry-liner , direct-injection,
Max. Power	273kw/2200rpm
Max. Torque:	1450/1300~1500 (N.m/ （r/min）
No. of cylinder:	6
Displacement:	8.9L
Controller type	Mechanical
Air cleaner	Dry paper

Transmission

Model: ZF9S-1820
Type: Mechanical (synchronizer)

1st	11.26
2nd	7.90
3rd	5.67
4th	4.07
5th	2.76
6th	1.94
7th	1.39
8th	1.00
Reverse	12.26

Wheels & Tires

Tires: 12.00R24

Axles-STYER

Front: Stub axle with double T-cross section
Capacity: 7,000KG
Rear: double reduction with hub reduction and final drive ratio: 5.73
Capacity: 13,000KG

Brake system-WABCO

Service: .Full Air Brake, Dual circuit
Parking: Spring actuator at rear wheels
Auxiliary: .....exhaust brake

Fuel Tank

Mounted on offside of the frame

Capacity:	320L
Material:	galvanized steel

Steering-HITACHI

Driving position: left hand drive
Type: recirculation ball with integral power assisted by oil

Suspension

Front suspension: tapered leaf spring 9 semi-elliptic leaf spring
Rear suspension: tapered leaf spring 12 semi-elliptic leaf spring

Clutch-SACHS

Type: Hydraulic control with air assisted
Plate diameter: dry single plate with diaphragm

Dimensions (mm)

Overall dimension	11000X2500X3200
capacity	23000L
Kerb mass	12000kg
Number of axle	3
Tread (mm)	2,065/1,860/1,860
Wheelbase (mm)	4650+1450
Min.ground clearance (mm)	285
Crew	3

Payload

Axle load:	Front: 7,000kg Rear: 13,000kg
Payload	21000 Kg
GVW	33000 Kg

Electrical System

Batteries:	2*12 Volt – 150 AH*2
Alternator:	24 Volt/70A
Starter:	24 Volt/7.80kw

Calculated Performance

Max. Speed (km/h):	90
Max. Grade ability (%):	30

Frame(mm)

Type: Parallel, tapered channel section type with Reinforcements, stiffeners and cross members

Size (HxW):	316*90(8+6)
Width (front/rear):	940/850

Cabin

Air Conditioned, MP3