



2000 GALLON WATER TRUCK

2000 Gallon Water Truck

Vehicle description for Mercedes-Benz Actros

Model: Mercedes-Benz Actros
Vehicle type: 1831 L
Baumuster: 93003222
Vehicle sort: Chassis
Cab: S-Cab
Engine power: 230 kW (313HP)
Wheel base: 4200 mm
Admissable total weight: 18000 kg
Steering type: right

Vehicle equipment:

Axle load distribution
TL2 Weight variant 18.0 t (7.1/11.5)

Engine
MX1 Engine, V6, LA, 230 kW/313 hp, 1800 rpm
MS0 Engine version, Euro 2
M67 Cyclone pre-filter
MG8 Air intake, rear a toop, air cleaner an frame
K81 Fuel pre-filter, heated water separator
>>> Fuel preheating system
>>> Insect screen in front of radiator
>>> Engine brake with constantly open throttle valve
M32 Air compressor, additional
MA9 Engine mountings, for off-road use

Clutch & transmission

G81 Clutch, reinforced Double-plate clutch, reinforced, diameter: 400 mm
GD3 Transmission G 211-16/17.0-1.0
N55 Transmission oil cooling
G57 Telligent gearshift system II

Axles & suspension

A57 Front axle offset
AL3 Front axle 7.5 t VL 4/51 DC - 7,5
AM9 Rear axle H6, 13.0 t, crown wheel 440
>>> Differential lock rear axle
AD5 Axle ratio $i = 3.077$ (HL4/6)
QC1 Front spring, 7.1 t
>>> Rear axle with four-bellow air-suspension and ENR
>>> Stabilizer front axle
>>> Stabilizer rear axle under frame



Wheels & tyres

R38	Tapered rims, 9.00 x 22.5
R60	Spare wheel carrier, provisional
R87	Spare wheel/spare wheel rim
1.A.	F38L16 75 3x 315/70 R 22,5 Road Bridgestone R 249 (152/148 M)
2.A.	F38L77 75 4x 315/70 R 22,5 Traction (M+S) Bridgestone M 729 (152/148 M)

Frame and components attached to frame

CL9	Steering LS 6/LS 8 - MB-Servo LS 8
>>>	Implement carrier, left
KS2	Main tank, 300 l, steel
K40	Tank-cap lock
K45	Screen, tank filler neck
KH8	Exhaust silencer, tailpipe downwards
Y82	Front apron
C95	Deletion, rear underride guard (EC)

Brake system

>>>	Dual-circuit full air brakes - 10 bar operating pressure
>>>	Automatic brake adjusting
>>>	Roll back prevention
BB5	Disc brakes on front and rear axle
BB8	Telligent braking system with ABS and ASR
>>>	Compressed-air drier (single-chamber system)

Cab exterior

F07	S cab
F24	Cab rear wall, straight
FL6	Cab mountings, standard
FC7	Windows, tinted, without sun filter
>>>	Cab rear wall without window
D25	Roof hatch/vent, roof
FS2	Wide-angle mirror on driver's side, heated
>>>	Wide-angle exterior mirror on front passenger side
>>>	Electrical adjustable, heated rearview mirrors
>>>	Ramp mirror on co-driver's side
FW2	Deletion, immobiliser (transponder)
>>>	Central locking

Cab interior

SG5	Driver's standard suspension seat, Isringhausen
SF0	Fold-up seat, co-driver
>>>	Steering column-rake and height adj. w. pneu lock
>>>	multi-function steering wheel
FN1	Distribution cockpit
FE5	Power windows for driver's/co-driver's door



JK3 Inst. cluster, graphics-capable display, eco-meter
 J10 Speedometer, km
 JW0 Reversing warning device
 >>> Outside temperature gauge
 >>> Fuel consumption display
 >>> Telligent Maintenance System
 EV6 Provision, 12-V radio, retrofit
 ET1 Voltage transformer, 24 V/12 V, 8 A
 only for communications equipments
 >>> Entrance step light
 HF1 Construction-site filter
 >>> Air controlled heating/ventilation system
 H03 Air conditioning system

Electrics / electronics

>>> Batteries 2x12V 165 AH
 low-maintenance
 >>> Alternator 28 V / 80 A
 L10 Headlamps, left-side traffic
 >>> Headlights with transparent lenses (H7)
 >>> 6-part tail light cluster with reflector
 incl. side marker lamps
 >>> Indicator transmitter for extra indicator lamps
 MK6 Speed limiter, electronic, 85 km/h
 MD9 Cruise control

Additional scopes

XW9 Deletion, noise reduction measures
 Y10 First aid kit
 Y44 Hazard warning triangle
 Y45 Warning lamp
 Y34 Tire inflating hose, 10 m
 >>> Tools for export
 >>> Jack 12 tons
 Y27 1 wheel chock
 X33 Test booklet
 XK4 Powertrain warranty, Gen. Terms/Con., 3 yrs/450000 km
 X42 Labels/publications, English
 ZZ4 Vehicle, for left-side traffic



BUCKINGHAM TANK

Capacity: 2,000 Imperial Gallons

Design: Single compartment, cylindrical in shape with dished/flanged ends. Barrel flexibly mounted & a subframe is fitted if required. 1 or 2 x surge baffles ('key hole' type). Barrel length/diameter to suit centre of gravity criteria of chassis & w/b. Tank pressure tested water tight. SI 2000 No 128 Data Plate fitted & stamped.

Material: Barrel 4mm & dished ends 5mm thick mild steel to BS4360 grade 43a.

Manholes: One x 18" top mounted zinc electroplated access manhole with hinged cover & vent, local platform & ladder c/w non slip treads. One bolted manhole.

Gravity Dump: Rear 2" gravity outlet valve, c/w 2: BSP coupling & blank cap.

Pumping: ELECTRIC start diesel engine driven 2" centrifugal water pump (rated approx 600 lit/min), c/w filter, 2" valves & galvanised piping to allow gravity discharge, pumped discharge & transfer duties.

Contents ind: Sight glass with isolator valve - positioned at side.

Spray Bar: positioned at rear the full width of truck. Gravity or pressure discharge - for dust laying duties etc.

Hoses: 5 x lengths 10' x 2" bore suction/delivery water hoses c/w BSP couplings.

Other items:

3m long hose tray one side of tanker.

Lockable tool box.

Rear mudguards with flaps.

Rear marker board.

Warning labels & instruction manual in English.

Finish: Interior prepared & coated with 200 microns of INTEX lining for raw water (not sea water) Bodywork exterior prepared & finish painted single colour to match cab. WATER TANKER labeling

