

**FUTURE SERVICES**

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**FLAMMABLE**

الاشتعال

لا تدخن أو تعيد إشعال النار  
NO SMOKING WITHIN 50'

6 000 US GALLONS

JP 8

6 000 GALLONS

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JP-8



**MERCEDES-BENZ Actros 3348/45 chassis, 6 X 4 with  
SCHMITZ Diesel Tank Body Capacity 5'000 US gallon, Type MTA 5000-SK-D**





## Schmitz Diesel Tank Body capacity 5,000 Imperial gallon, Type MTA 5000-SK-D,

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TANK BODY  
for the transport of diesel  
TYPE: MTA 5000-SK-D

Volume: approx. 5'000 Imp. Gallon

suitable for: MERCEDES BENZ truck chassis  
type: ACTROS 3348 / 45

### SUBSTRUCTURE:

The body mounting system for tank bodies are recommendable due to their strongness, torsion-resistant design, in particular for "off-road" operation under rough cross-country conditions.

The elastic connections between the truck chassis and the subframe provides a torsion-absorbing function.

This arrangement absorbs any stresses passing from chassis to tank.

The subframe is mounted to the truck frame in a way to ensure equal load distribution.

Otherwise mounted according to truck supplier's "Assembling Instruction".

### TANK SUPPORT:

The tank itself is supported in tank saddles which are bolted on the reinforced longitudinal frame members with heavy duty rubber mountings in front.

### TANK:

Tank shape: elliptical

Manufactured of thick high-grade steel –S235JRG2-, electrically welded throughout with accurately finished welding seams. Dished bulkheads on both sides and appropriate nos. of splash walls. The splash walls are mounted not less than 900 mm and not more than 1750 mm between each other according ADR.

- Tank compartments: 1 (one)

### INNERLINING:

Special epoxy interlining for the transport of JP-8 fuel.

### DOMES PAN:

Overflow protection welded to the tank with drain pipe and shutoff cock.

The dome pan is designed as an overall protection in order to protect the dome armatures.

### WALKWAY:

Open mesh walkway on the right-hand side of the manhole cover, with rear mounted access ladder.

### TOP FITTINGS:

One 500 mm dia. manhole cover with 250 mm dia. hinged lid, complete with

One dipstick, increments; 250 ltr.

Flame proofed safety vent valve and pneumatic operated tipping valve DN 65.

One pneumatic / electronic operated level sensor for closing the bottom valve and shut off the external pump, acc. to VOC-regulation.

#### VAPOR RECOVERY:

Vapor recovery steel pipe DN 100 through the tank to right hand side of vehicle, located in armature box with 4" male camlock coupling.

#### DISCHARGE FITTINGS:

At the lowest point of the tank one pneumatic bottom valve with filling / discharge pipe, DN 100 leading into armature box on right hand side of the vehicle with 4" dry coupling according to API RP 1004, with sight glass and mechanical dry coupler.

From the pressure side of the pump, one pipe leads to the rear, left and right hand side of the vehicle ending with 2 ½ " male camlock coupling with blind cap.

#### BOTTOM LOADING SYSTEM:

Complete bottom loading system with scully-system on the right hand side of vehicle, acc. to VOC-regulation, according to API RP 1004.

#### CONTROLL UNIT:

Four (4) emergency shut off switch are mounted as follows:

1 in cab

1 in armature box

1 at left side of vehicle

1 at rear of vehicle

#### ARMATURE BOX:

One on right hand side mounted, with discharge outlets. It is equipped with vapour recovery couplings, bottom loading connections, discharge pipes from pump side and operating unit / air serving units and air control systems.

The box is additionally equipped with flow measuring device, indicating 500 ltr / min.

#### PUMP:

One self-sucking pump installed at the vehicle's chassis, hydraulically driven by p.t.o. of truck engine.

Pump capacity approx. 500 ltr./min.. The suction pipe is equipped with a suction filter.

#### HOSE REEL:

Spring loaded hose reel, connected to the pressure side of the pump / metering system. It is equipped with a 12 mtr. discharge hose 1" and discharge nozzle, installed in a armature box.

#### DELIVERY OPTIONS:

- By gravity, unmeasured, via 4" dry coupling
- with pump, unmeasured, via 2 ½ " coupling to the rear, left and right side
- with pump, measured, via 2 ½" dry coupling to right hand side.
- with pump and hose reel, measured

#### HOSE CARRIERS / HOSES:

One hose tube on the left and right side, approx. 3 mtr. long.

- 2 x 2 ½ “-suction and pressure hose, approx. 3 mtr. long, fully connected, complete with camlock coupling

#### ELECTRIC SYSTEM:

Armature box is equipped with ex lightening, which is switched on / off when the doors will be opened / closed.

#### ADAPTERS:

- 1 x 2 ½ “ female to 4” male
- 1 x 2 ½ “ and 4” adapter for filling

#### GROUNDING REEL:

Grounding reel with 17 mtr. of wire and grounding glip.

#### STANDARD ACCESSORIES:

- rear bumper plate
- mudguards with rubber mudflaps
- 1 lockable toolbox
- 1 spare wheel carrier
- 2 fire extinguishers, 6 kg
- 1 spare part list
- 1 operating manual

#### ACCEPANCE TEST:

- leakage testing of tank 0,25 bar
- functional test

#### FINISH:

All steel parts are sand-blasted and prime-coated. Synthetic enamel in one RAL-colour. Signs on tanker: (flammable, Danger, No-smoking) in Arabic and English.

#### Documentation

All instruction plaques and signs in English.

## Chassis Specs

### Mercedes-Benz Actros

Chassis with cabin

Model : 3348 6X4  
Wheelbase : 4500 mm (1350) mm  
Cab : L-cab (long)  
GVW : 33000 kg  
Engine power : 350 CV (476 HP)

**Paint** Cab :arctic white  
chassis :grey nova  
wheels :truck-silver

### Tyres

1st Axle 3 x 315/80 R 22,5  
2nd Axle 4 x 315/80 R 22,5  
3rd Axle 4 x 315/80 R 22,5

### Equipments

A91 Front axle, straight  
AL3 Front axle 7.5 t  
AM3 Rear axle H7, 13.0 t, crownwheel 300 mm  
Differential lock rear axle  
BB5 Disc brakes front and rear  
BB8 Telligent brake system with ABS and ASR  
Brakes compressed air 2-circuit  
Automatic brake adjusting  
Compressed-air drier (single-chamber system)  
Roll back prevention  
C42 Stabilizer rear axle under frame  
CL9 Steering LS 6/LS 8  
Stabilizer front axle  
Steering column-rake and height adj. w. pneum lock  
Implement carrier, left  
multi-function steering wheel  
FE5 Window lift for driver/co-driver door, electr.  
Cab rear wall without window

	Wide-angle exterior mirror on front passenger side
	Electrical adjustable, heated rearview mirrors
	Ramp mirror
	Central locking
GS7	Telligent-gearshift version II
	Air controlled heating/ventilation system
	Outside temperature gauge
	Instrument cluster with graphics-capable display
	Telligent Maintenance System
	Fuel consumption display
	6-part tail light cluster with reflector
	Light range regulator
	Entrance step light
	Headlights with transparent lenses (H7)
	Indicator transmitter for extra indicator lamps
MD9	Cruise control
	Single-cylinder air compressor, non-regulated
	Fuel preheating system
	Engine brake with constantly open throttle valve
	Insect screen in front of radiator
R38	Wheels 9.0 x 22.5
R60	Spare wheel provisionally mounted
TR6	Weight variant 33.0 t (7.5/13.0/13.0)
	Tire inflating hose 10 m
	Telescopic jack 12t
BB0	ABS cut out option
C63	Steel bumper
C95	Deletion rear underrun guard EU
D25	Steel sunroof
DD2	Low roof cab, interior height 1560 mm
E33	Isolation switch for tailgate
E39	Trip switch circuit breakers
EB3	Batteries 2 X 12V 220 Ah (low-maintenance)
ED9	Preparation for electrical components
EG8	Radio Truckline CD 65/70 with CD player
ES8	Power socket 24V/15A in cab console
ET2	Transformer 24V to 12 V, 15A
EV0	Communications interface, KOM
EX3	Installation kit for FleetBoard
F04	L-cab (long)
F24	Cab rear wall, straight
FC7	Tinted windows without band filter
FE6	Cab steps, movable

FG1	Digital alarm clock
FL6	Cab suspension for off-road ( 6 Hz)
FN1	Distribution Cockpit
FS2	Wide angle mirror on driver's side, heated
FZ9	Two main keys with additional remote control
GC2	Gearbox G 240-16/11.7-0.69
GE2	Telligent Automatic Shift, version II
H03	Air conditioning
HF1	Dust filter for heating and ventilation
J10	Speedometer in km/h
J58	Seat belt warner
J70	Air horn under cab
K40	Lockable fuel cap
K45	Fuel screen in filler neck
K81	Primary fuel filter with heated water separator
KH7	Silencer with tail pipe at side
KX6	Main tank right 550 l alumin., large cross section
L16	Halogen fog lights
L30	Protective grilles for headlights
L42	Roof marker lights, yellow
L72	Power for body lighting
M45	Alternator 28 V / 100 A
M67	Cyclone pre-cleaner
MA9	Engine mountings for off-road application
MG8	Vertical engine air intake at rear of cab
MK8	Speed limiter for max. speed up to 140 km/h
ML3	Step-up cooling fan drive with belt drive
MS0	Engine version Euro 2
MX5	Engine OM 502 LA 350 KW (476 HP) 1800/rpm
N55	Gearbox oil cooler
Q29	Ringfeder coupling
Q57	Recovery coupling rear
QC6	Front springs 7.5 t,firm
QF6	Rear springs 16.0 t firm
R04	Wheel nut covers
SF0	Fold-up seat for co-driver
SG5	Standard driver suspension seat, Isringhausen
SM3	lower berth
X42	Plates / booklets, English
X53	Booklets, Arabic
XC2	Chassis plate, Gulf States
Y10	First aid kit
Y16	Fire extinguisher

Y20	Tools for export
Y28	Two wheel chocks
Y30	Tyre pressure gauge
Y35	Tyre inflating hose 25 m
Y44	Warning triangle
Y45	Warning lamp
YM1	FleetBoard onboard computer

Telligent Automatic Gearshift System II  
Spare Wheel with winch behind cab