

MOBILE SERVICE VEHICLES

Mobile workshop

Document No.: 15-520-R1

Sheet: 1 of 2

German Cathodic Protection



Mobile workshops

Supplied fully equipped according to your requirements: for example with work benches and cupboards, welding generator, flame cutter, machines and tools, compressor, power generator, special tools, lifting equipment etc. Door divisions, optional separate generator room and machine configurations designable by your specifications.

A wide range of vehicles suitable for your application

We have worked closely for many years with all major manufactures of commercial vehicles. What ever your choice of vehicle, we can provide the best solution for you and your cathodic corrosion staff.

As example: Daimler Benz Unimog 435/U 1300 L

Technical data

Engine	Direct injected diesel engine
cylinders	6 in series
cylinder bore x stroke	97 x 128 mm
stroke volume	5675 ccm
output	130 PS (96 kW) at 2800 rpm
torque	36.3 mkg at 1800 rpm
compression ratio	1:17
fuel injection pump	Bosch
valves	overhead, side cran shaft, drive trough spur gear
crankshaft bearings	7
cooling	water / pump
lubrication	forced-feed lubrication
battery	2 x 12 V, 125 Ah
generator	3 phase, 55 Ah, 24 V (1540 W)
starter	24 V, 2.9 kW

Power transmission	All-wheel drive
clutch	single-plate dry clutch
gearshift	3 gearshift levers
transmission	8 speed transmission
synchronizer	I - VIII
gear ratio reduction	6.36

Chassis	U-section frame
front suspension	portal axle rigid, coil springs, stabilizer
rear suspension	portal axle rigid, coil springs, and added springs
steering system	recirculating ball, servo 5.5
foot brake	compressed air-hydraulic. 2 circuits
hand brake	accumulator, rear wheels



Double wing rear door. Galv. steel entrance ladder with non-slip steps mounted under truck body.

Window design and arrangement according to enduser requirements.



Roof rack with flood lights for night use

MOBILE SERVICE VEHICLES

Mobile workshop

Document No.: 15-520-R1

Sheet: 2 of 2

German Cathodic Protection



General data	
wheelbase	3250 mm
tread width front / rear	1860 / 1860 mm
overall dimensions	5540 x 2300 x 2750 mm
cargo area	3150 x 2200 mm
loading height	1230 mm
tires	12.5R20MPT
fording depth	440 mm
turning circle	13.8 m
vehicle weight	5250 kg
total weight (perm.)	7500 kg
total weight	5190 kg
top speed	80 km/h
consumption / 100 km	21 liters



Site use

In most cases, the mobile workshop must be placed as close as possible to the job site. Vehicles carefully selected for best performance on and offroad.

Versatility

The mobile workshop will be equipped with carefully selected multi-purpose tools and all equipment required.

Climate Characteristics

According to enduser specifications, we can provide vehicles, bodies, chassis, tools and equipment for extremely hot, cold, dry and humid working environments.

