

HazMat Truck

...worldwide for fire and rescue!



Box body with lateral shutters with rear cell

HazMat Truck GW-G2 (7,5t) acc. to DIN 14555-13

Chassis e. g. MAN 8.163 LC, MB Atego, IVECO

The HazMat Truck GW-G2 is equipped for the operation at accidents with dangerous substances and goods. It offers devices that are necessary for realising immediate measurements e.g. at accidents with acids or mineral oil where damages for persons or the environment must be worried about. It has enough space- and weight reserves for taking up the complete wished loading acc. to DIN and additional loading acc. to the local requirements.



Box body closed on the left hand side at the front



Roll-up-wall system (HuRoWa) construction with rear cell





Right hand side of the vehicle

At this shutter construction, the complete body is made of Gimaex-Schmitz alu-profiles which are permitting changes if necessary and that mainly save weight as a flexible modular system. The lateral equipment compartments are closed by 2 shutters, each. The bottom edges are covered with stainless steel. The equipment compartment floor is made of waterproof glued phenolic resin coated plates (if wished floor cover made of stainless steel for an extra charge). The foldable steps (with anti-skid cover "Safety-Walk" (R13)), are simultaneous acting as lateral protection.

Mainly we care for a clear separation of the equipment.

We also use transport- and stacking cases made of high quality low pressure-polyethylene. The high stability and the ideal handling due to 4 grip openings of the widely oil- and chemical-resistant cases provide a safe and cheap storage system. Similar devices (e.g. shutting-off devices) can easily and completely be transported to the operation site.

Generator slide

Our rotary generator slide enables the loading and unloading of the aggregate by 2 persons. It can be lowered by gas springs (240 mm). For being able to operate the generator also on the extracted slide, it can also be pulled out horizontally.



Generator horizontally



Generator lowered

The generator can also be operated on the slide (e.g. for the lighting mast), feeding will be made by a fix installed helix cable.



Right hand side open

Absorbent

6 barrels for storing the absorbent are included in the delivery. Therefore a contamination of the interior by damaged bags is impossible. Furthermore, used absorbent can be removed in the empty barrels. Storage for suction device (lying). Besides a mobile and portable trolley with foldable grip for transporting heavy equipment (e. g. acid and lye pump and accessories) to the operation site.





Lighting mast

If wished for an extra charge there is a lighting mast mounted on an extractable slide in the right equipment compartment behind the front wall (available as hand crank or pneumatical mast).



220 l-PE-container

In the 220 l-plastic containers, the hoses will be stored clean and good transportable in compliance with the allowed bend radii. A lying storage of the hoses (e.g. in pipes) is disadvantageous as possible dropping residual media may contaminate and damage the vehicle and as a transport of such hoses to the operation site (e.g. below chemical protective suits) is very disadvantageous.

HazMat-acid and lye pump

The acid and lye pump will be arrested on a slide that can be lowered.



Advantages of the inside mounting are e.g. protection against damages and weather impacts; increased driving safety as the mast does not exceed the outer dimensions; space advantage as the whole body length can be used; additional storage for barrow made of aluminium



Stainless steel container

The set of the round stainless steel containers that can be stacked into each other and the strainers will be stored in a lying position. Each container can be unloaded individually. A cap will be stored in front of the containers as closure. The remaining caps are stored besides the containers. Due to the round form it is possible to roll them to the operation site instead of carrying them.



Left hand side open

The technical equipment (e.g. pumps, hoses, shutting-off material etc.) is stored in the front equipment compartments.

Sliding wall

A smooth-running vertical sliding wall acts for the clear storing of the clearing devices (shovels, handles, suction pipe, drum pump station etc.). The stainless steel floor can be removed and cleaned easily.





Rear view

The vehicle's rear is closed by a flap that reaches about the whole width and height. It opens automatically by 2 gas pressure cylinders and is horizontal in opened position. A continuous hinge avoids the infiltration of water. 2 phosphor lights are situated at the lower part of the flap for the good lighting of the vehicle's rear. The personal equipment as well as breathing protection, measuring- and walkie talkies and the fully protective suits will be stored in the rear cell.

This arrangement offers the following advantages:

- the crew can change clothes in the rear area
- no obstruction due to removal of the technical loading
- no risk by possible passing traffic
- weather protection by rear flap with the possibility to hook in a rear tent as additional weather- and sight protection.
- the personal equipment will widely be protected against aggressive gases and steams.

Working tables

2 removeable filing- and working tables will be stored in the rear for an extra charge. Free arrangeable tables will knowingly be used as removeable filing- and working surfaces are not always adequate depending on the terrain.



Measuring device

If wished and for an extra charge it is possible that

5 plastic-coated steel cases that are secured against accidental opening will be stored in 2 lockable steel cabinet housings with interlock in extractable, ball-bearing drawer frames. In those 5 cases it is possible to store all measuring devices: explosimeter and gas detector with accessories, test tubes and sampling kits and the walkie talkies. The steel cabinet housings are included in the equipment offer, the slide for this is included in the construction offer.



Gastight suits

6 gastight suits will be stored lying with accessories on the upper rear level. The equipment compartment is sufficiently protected by a flap. An extractable step made of safety grates guarantees the access to the upper equipment compartment.

Breathing appartuses

4 BAs and if wished 4 spare bottles as well as the bottle for the leaksealing cushions will be stored on a rear-sided extractable BA-slide. As the bottles and not the carrying plates will be stored, all makes of single-bottle devices are fitting (if wished also two-bottle devices). We store the bottles and therefore the heaviest part of the BA. Therefore the BA is protected against damages. The slide runs smooth on ball bearings.



Portable searchlights, radio- and measuring devices in vehicle charging brackets. A simple and fast removal is guaranteed by the drawer made of aluminium profiles.



Loading list

Group	Quantity	Group	Quantity
Protective clothes and equipment		Headset	
Chemical protective suit	6		4
PVC-protective shoes S 5 HRO	4	Working equipment	
PVC-chemical protective suit	6	Drum pump engine, 230 V	1
Warning clothes, inscription "Fire Brigade"	3	Ground cable made of copper wire	1
Bib overall, with PVC-protective shoes	2	Stainless steel drum pump pumping station	1
Tracksuit	6	Drum pump pumping station made of PP	1
Pair of sneakers	(6)	Strainer for tube made of stainless steel	1
Pair of socks	6	Strainer for tube made of PP	1
Pair of leather protection gloves F4	3	Hand diaphragm pump	1
Pair of five-finger gloves	12	HazMat-acid and lye pump GUP 3-1,5	1
Protective goggles	2	or HazMat-acid a. lye pump (as centrif. pump)	(1)
BA 300 or 200 bar	4	Industrial suction device	1
Bottle 6-450, filling pressure 300 bar	(4)	Binding line, 2 m long,	6
or Bottle 4-300, filling pressure 200 bar	(8)	Trough, made of stainless steel	2
Full mask	8	Generator 5 kVA with accessories	1
Carrying box	(4)	or Generator 8 kVA with accessories	(1)
Combination filter A2 B2 E2 K2 - P3	8	Exhaust pipe 50 x 1500 mm	1
Full mask for filter	8	Barrow, foldable	1
Extinguishing equipment		Hand tools and measuring equipment	
Extinguisher PG 12 H	1	Tool box 5-part	1
Hoses, fittings and accessories		Tool bag	1
Working line A 20-K	2	Pick-axe 3	1
Coupling key BC-NF	2	Shovel 5	1
Manhole hook (with chain), zined	2	Broom	2
Rescue equipment		Gas-detection case	1
Cutting knife with protection bag	1	Portable measuring device with car-charger	1
Belt knife with protection bag	1	Port. hand measuring device with car-charger	1
Medical- and resuscitation equipment		Device set for sampling, in case	1
First-Aid-Kit	1	Special equipment	
500 ml body protection creme	1	Suction- and pressure hose DN 50 , 5m	6
Lighting-, signal- and communication device		Suction- and pressure hose DN 32, 10m	1
Portable searchlight Ex-100	3	Suction- and pressure hose DN 32, 5m	2
Case with spare bulbs for all lighting devices		Strainer DN 50	1
of the loading list	1	Pressure hose C 52-15	2
Floodlight 230V, 1000W	2	Hose carrying belt	18
Cable light with lamp, explosionproof	1	Suction- and pressure hose DN 32;2,1m	1
Tripod, extractable to 3,5 m at least	1	Ball valve DN 50	2
Line drum A1-3 x 2,5-45	1	Discharge pipe 300 mm long	1
EEx-line HO7RN-F5 G 2,5; 45 m	2	Branch piece, conical union DN50-C-solid	
Distributor ex-proof, 230V/400V	1	fire hose coupling	1
Mounting bridge	1	Branch piece, threaded connector end	
Manifold, 3-fold	1	DN50-C-solid fire hose coupling	1
Warning triangle	2	Pipe elbow 90° bended, DN 50	1
Warning beacon	2	Pipe elbow 45° bended, DN 50	1
Warning disc	1	Connecting piece, conical union DN 50	2
Traffic control cone fully reflecting	4	Connecting piece, thread. conn. end DN 50	2
Foil cordon band 500m long	1	Set of spare gaskets	1
Support for foil cordon band	6	Tank lorry-branch piece VK 80 - DN 50	1
Sign "Keep off the operation site!"	1	Tank lorry-branch piece MK 80 - DN 50	1
Sign 250 StVO	2	Tank lorry-branch piece VK 50 - DN 50	1
Post for warning sign	10	Tank lorry-branch piece MK 50 - DN 50	1
Walkie Talkie, car charger	4	Branch piece on thread. conn. end DN 50	1
		Branch piece on conical union DN 50	1
		Tank wagon-adapter KWZ 5	1
		Set of gaskets	1
		Set of branch pieces	1
		or Universal-sealing- a. filling couplings	(1)
		Wire made of stainless steel	1

Loading list

Group	Quantity
Suction pipe made of stainless steel, DN 32	1
Discharge pipe made of stainless steel, DN 50	1
Hook wrench made of stainless steel	4
Canister, filled with 10 l fuel	1
Towrope 16	1
Set of sealing wedges made of soft wood	1
Set of sealing corks made of soft wood	1
Set of sealing corks made of PP	1
Sealing bandage, 100 mm wide, 10 m long	1
Sealing plate made of foamed rubber	4
Sealing hamp (packed in bag)	1
Sealing compound	(1)
Metre of PTFE-sealing bandage	(2)
Leadwool (packed in bag)	1
Cotton waste (packed in bag)	1
Cleaning rag	1
Rubber strap, mineral oil resistant	2
Foil made of PE, 0,2 mm thick	1
Flat bag made of PE, with bag closure	10
Manhole cover	4
Device for sealing gullies	4
Wedge made of foamed rubber	2
Board made of PVC soft	1
Cover- and collecting tarpaulin 4m x 4m	2
Collecting channel made of stainless steel	1
Collecting case	1
Funnel made of stainless steel	1
Canister 20 l capacity, made of stainless steel	2
Bucket made of stainless steel, 15 l capacity	2
Scoop - 1 l capacity	1
Oil- and acid shovel	1
Open container, 3000 l with 2 hook-in containers	1
Closed foldable container, 1000 l	1
Set of stable containers 2500 l	1
Set of caps for containers	1
Set of hook-in containers	1
Suction container	1
Large container made of PE, 220 l	2
Container, 50 l at least	2
Oil binding agent-shovel made of stainless steel	2
Squeegee	2
Copper wire 16 mm ² on reel	1
Grounding spike with 3 ground bolts	1
Connecting-clamp made of copper-zinc-alloy	3
Magnetic clamp	2
Universal-barrel key	1
Tank belt made of polyester, 10 m long	2
Set of leak sealings	1
Sandbag	20
Oil binding agent 100 l	4
Special-acid binding agent	1
Slaked lime, 20 kg	1
Manual of the dangerous goods, Hommel	(1)
Hand anemometer, in case	(1)
Compass with liquid filling	(1)

The quantity in brackets corresponds to the wished loading acc. to the DIN



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GIMAEX

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