

The MAUSER Repaltainer. Safe and economical.



**The Composite IBC designed for maximum possible safety and multi-trip use.
UN-approved, fully drainable and reconditionable. Available in various types.**



MAUSER Repaltainer.

The high security cell for your dangerous goods



Tested to the extreme,
nothing escapes

MAUSER Re-pal-tainer – nomen est omen

- **Recycled PE** of high quality is used for pallet and cover
- **Recycleable** are all parts of this IBC
- **Residues** after emptying are extremely low
- **Reconditioning** and easy cleaning for re-use are main features



One of the best Large Size Packagings on the Market

With IBCs it's like with cars: Safety, quality and reliability demand a carefully thought out concept. The narrow-meshed cage



made from galvanized double wire is flexible and nevertheless sturdy. In this way, the extrusion blow-molded inner container made from PE is protected against transport damage (vibration and forklift forks). Pallet

and top are accessible from four sides and resistant under bending stress. They are made of high quality PE and



therefore resistant against corrosion, splinter, decomposing, moisture, mildew, microbes and bacteria. The MAUSER Repaltainer is available in various types, depending on the application. Special closure- and discharge-systems complete the variety of types. All parts of the

MAUSER Repaltainer are easy to take off and to exchange. This eases - like the optimal drainability - reconditioning and re-use. And when this IBC has reached the end of its useful life, all parts can be supplied back to the material circle.



We test - that is for sure

The following tests are carried out one after another on each single IBC for type approval, before a certificate for dangerous goods will be granted:

Chemical Compatibility Test

This test is the basis for all other tests and is performed with the following standard liquids: water, acetic acid (98%), nitric acid (55%), white spirit, n-butylacetate mixed with wetting agent (2%) and wetting agent (5%). The MAUSER Repaltainer will then be stored 4 weeks under +40°C.



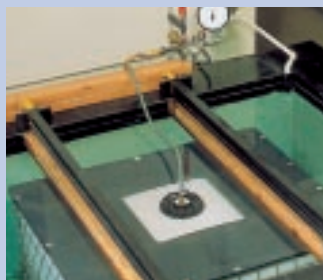
Bottom Lift Test

The IBC is filled to 1.25 times of its maximum permissible gross mass and then lifted twice at 75% of its entry side with a fork lift.

Stacking Test

During 24 hours, the container is stacked with at least 1.8 times of its maximum permissible gross

mass. The MAUSER Repaltainer has been tested with 4,300 kgs.



Leakage Test

During 10 minutes, the MAUSER Repaltainer is exposed to a pneumatic air overpressure of 20 kPa.

Pressure Test

The MAUSER Repaltainer is filled with water and tested at a hydraulic overpressure of 100 kPa during 10 minutes. Not a single drop of water is allowed to escape.

Drop Test

For this test the IBC is filled with antifreeze and cooled down to -18°C. After that it is dropped from a height of minimal 1.20 m on its base and the valve area. The MAUSER Repaltainer is proved at 1.90 m drop height.



To ensure safety and quality of the MAUSER Repaltainers, regular leakage-, pressure- and drop-tests are carried out in our own test laboratories.

Technical Data

The standard model of the MAUSER Repaltainer with plastic pallet has the following dimensions and weights:

Nominal capacity	1.000 Liters
Brimful capacity	1.050 Liters
Length	1.200 mm
Width	1.000 mm
Height	1.165 mm
Height pallet	150 mm
Filling opening*	150 mm
Discharge opening*	48 mm
Total weight (weight may vary according to type)	approx. 86 kgs

Gaskets EPDM or Viton optionally.

*sealable
(with usual tolerances)



The License to Fill

The MAUSER Repaltainer is one of the safest packagings for dangerous goods on the market. It is suitable for multi-trip and long-term use and approved for dangerous filling goods with the following reference numbers:

UN 31 HA 1/Y/a/D/M/BAM 0283/4300/2055 b/c/d 100 kPa
UN 31 HA 1/Y/a/D/M/BAM 5752/4300/2050 b/c/d 100 kPa

- a = month/year of production
- b = net mass of approved type
- c = month/year of last leakage test
- d = month/year of last inspection

According to international transport regulations, the service life of an IBC for dangerous goods ends 5 years after date of production.

2.5 years after date of production, the leakage test must be repeated. The appropriate marking must be applied.

More than the sum of its parts

Top Cover

Made of high quality recycled PE, tightly bolted to the cage with flange nuts. It improves stacking security, reduces deformation during internal pressure and minimizes dirtiness.

Opening/Pressure Relief System

Sealable screw cap with 2“ bung closure (standard). The efficient MAUSER pressure relief system avoids dangerous overpressure. Various types of systems are available.

Discharge Pipe

Controls the flow of the filling good and diverts it by 90°.

Ticket Pocket

Contains MAUSER Euro-Return Ticket.

Discharge System

The MAUSER Repaltainer is optionally available with Micromatic System, for a controlled extraction of the filling good in a closed system.

Cage

Made of galvanized double wire (stainless steel optional). It is flexible and resists to vibrations during transport. Its narrow-meshed design protects the inner container of damages e.g. by forklift forks.

Identification Plate

Large sized plates provide sufficient space for UN coding, product information and labels for dangerous goods as well as customer specified company logos.

Inner Container

Blow molded in one piece of high molecular PE without weak points together with the discharge area. Stress cracking resistant, UV-stabilized, with level indicator.

Protectors

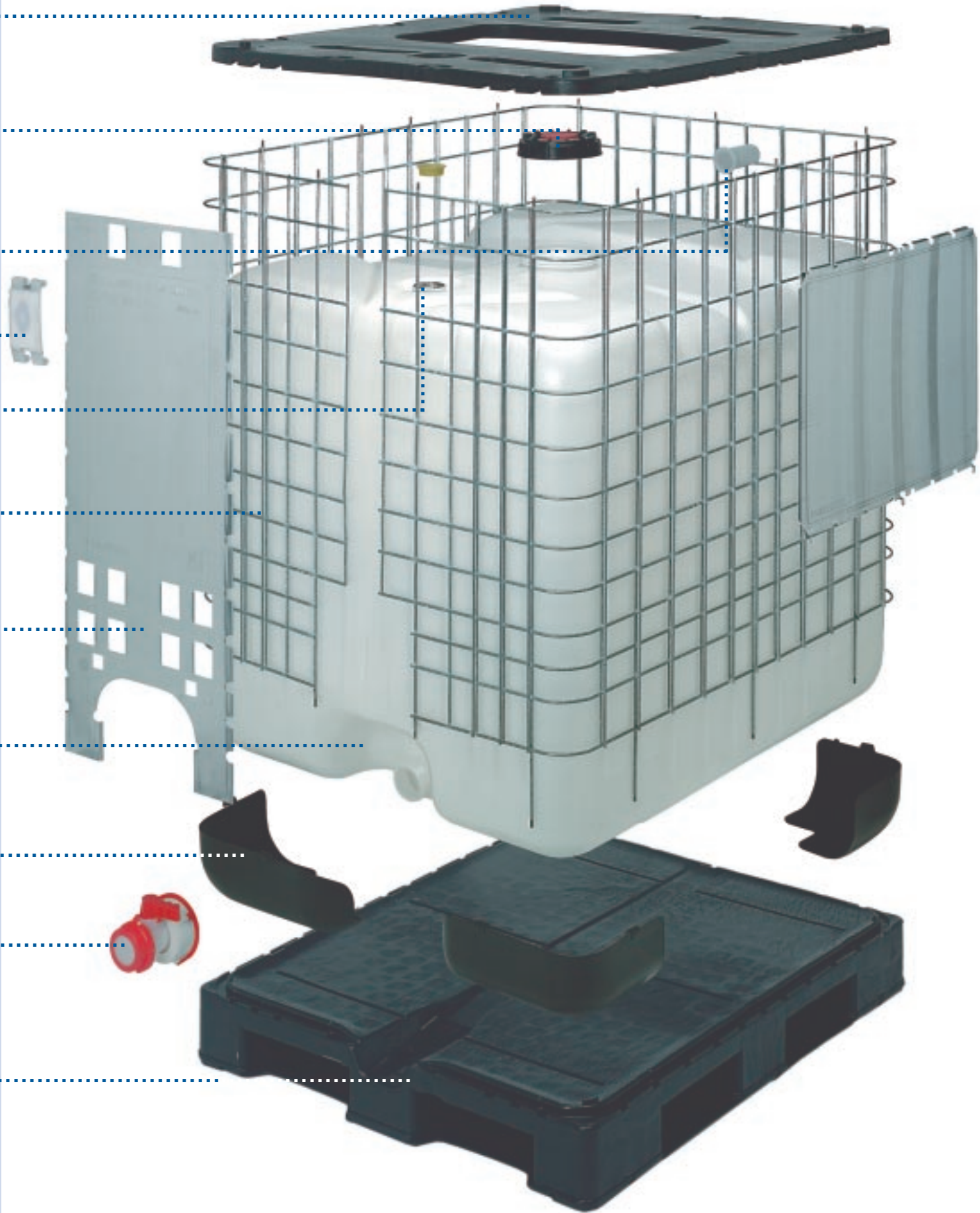
They provide additional protection against mechanical damages.

Discharge Valve

All parts of this valve are made of plastic or are plastic covered. Ergonomical formed lever with 90° turning angle and long handle. Sealing by plastic plug.

Pallet

Compression-molded from quality-assured recycled PE, high bending strength and stress cracking resistance. Four-way entry, resistant against humidity, mildew or bacteria. Long service life, perfect for wet areas.



Variants and Options

The standard version of the MAUSER Repaltainer meets most stringent requirements of industrial large size packaging. However, the following special versions are available:

- with wooden pallet
- without discharge valve
- with stainless steel cage
- with 225 mm filling opening
- with Micromatic discharge system
- with special degasing systems
- with additional identification plate
- with gaskets matching the application



We offer a wide choice of accessories and tools for the MAUSER Repaltainer. Beside wrenches for valves and caps, we deliver sealing caps and different adapters, spouts and cover flaps for discharge valves.



Cleaning and Reconditioning

The ability of reconditioning is an important quality feature. By re-use and closed-loop systems, the environment will benefit significantly.



The MAUSER Repaltainer has a modular design, all components are easily removable without deformations or damage to the container. This eases the exchange of parts with new components during the reconditioning process.

The shape of the MAUSER Repaltainer, the maintenance-friendly, smooth top cover with large cleaning openings and the pallet made of plastic, ensure a simple and trouble-free cleaning. Especially with dangerous residues, the optimal drainability becomes important.

Due to the MAUSER Euro-Return Service, the MAUSER Repaltainer can be collected easily for disposal or reconditioning. Our partners not only clean professionally, they also maintain the IBCs with necessary original spare parts. After each cleaning process a leakage test is made. Closures, discharge valves and gaskets are inspected and will be exchanged if necessary. In accordance with international transport regulations, the successfully passed test will be indicated by a corresponding mark.

As IBCs are rapidly penetrating more sectors of the industry, reconditioning and closed-loop systems are gaining increased importance.

How to get rid of it



Every MAUSER Repaltainer has its return ticket in the „pocket“:
Just fax us the „Euro-Return-Ticket“ and we will take care of the rest.

- Disposal of drained and rinsed Repaltainers
- Environmental friendly reconditioning
- Collection during 30 days within Europe free of charge
- Advisory service for residues
- Central service-fax-no. for Europe:
+49 (0) 40 / 732 1796



Welcome to overseas

In the United States, in Japan and in Australia, our partners take over reconditioning or disposal in a re-use and remanufacturing system for MAUSER Repaltainers.

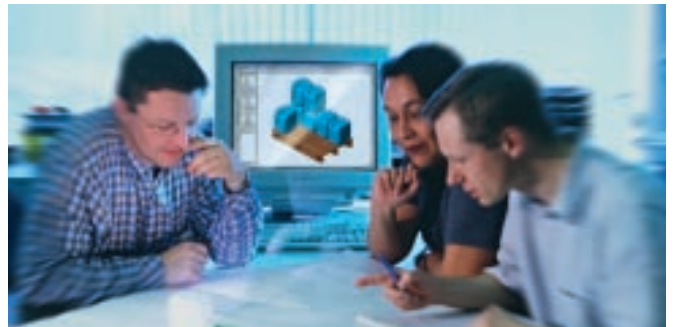
Competence in large-size packaging ...



The Mauser-Group has decades of experience in the production of large size packaging.
Thus the MAUSER Repaltainer fits in a family of IBCs made of steel, stainless steel and aluminium with capacities from 300 to 3,300 liters.

The packaging specialists

MAUSER large-size packaging is available in many countries around the world.
The Mauser-Group offers special packaging, packaging systems and customized concepts.



Especially for IBCs made of metal, we have developed reconditioning solutions for applications in the food, pharmaceutical and coating industry. For more information concerning IBCs, please contact:

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