







**CEN-ISO-
VA****Transport and storage tank for chemical
industry**

Krampitz®

**CUBIC
GOOD**

Characteristic	Area of application/Media			Transport/Installation	
					
E2 Double wall	E12 Hazardous to groundwater	E7 Highly flammable	E11 Chemical industry	E4 Filled transportable	E8 Outside installation

The multi-functional, durable transportation and storage tank system for the logistics of the 21st century offers:

- Modern logistics through save transportation, transit and storage of chemical media
- Optimal utilization of space through the cubic form, EUR-pallet dimension and stackability for transportation and storage
- All around arranged tension sleeves and lifting eyes ensure the maximal security during transportation, loading and stacking

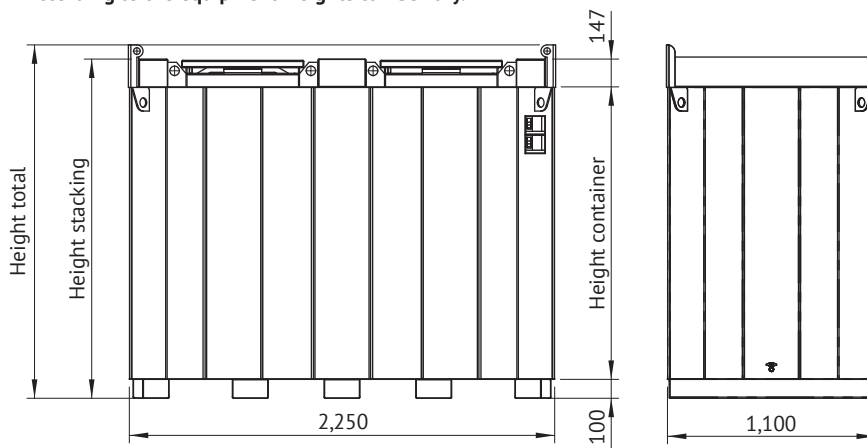
The container sets standard in functionality, usability and security. It is qualified with the certification of an IBC for transporting hazardous goods of the packaging groups II and III and is also qualified with the certification of a storage tank. These components of modern logistics can be used individually or as a tank battery, stationary or transportably. The durable, double wall structure of steel guarantees a long-life cycle and the integrated vacuum leakage indicator guarantees security. The container is the best for the use in logistics companies, the chemical industry, in the mineral oil trade, mechanical engineering, aggregate construction and in the civil protection or in conflict areas.

Type/Art no.	Volume		Length total	Width total	Height container	Height stacking	Height total	Weight empty*	Max. permissible stacking load	Max. permissible weight
	100 %	95 %								
	(l)		(mm)	(mm)	(mm)	(mm)	(mm)	(kg)	(kg)	(kg)
CEN-ISO-2501-VA	2,630	2,500	2,250	1,100	1,356	1,603	1,678	939	ca. 7,050	4,032
CEN-ISO-3001-VA	2,997	2,850			1,546	1,793	1,868	1,026		4,521

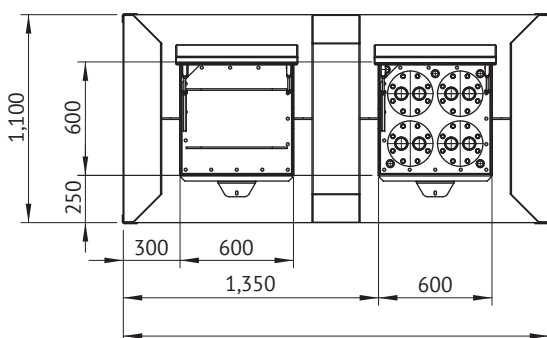
Please note: Max. density of the filling goods is 1.2 kg/l.

* According to the equipment weights can be vary.

Technical changes reserved!

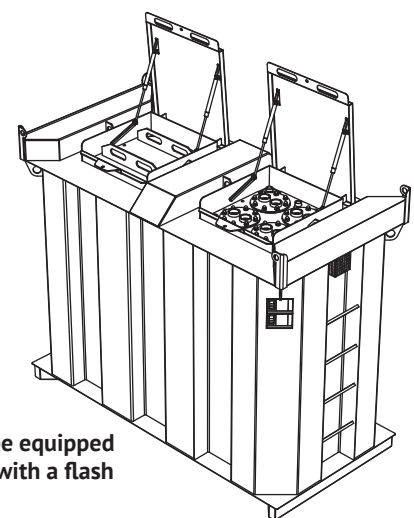


Container inside wall min. 3.3 mm



Optional with tank heating

Attention: As an option it can be equipped to transport flammable media with a flash point < 55 °C.



Material	Approval	Documentation	Sheet
Structural steel 1.4401 1.4404 1.4571	IBC: D/BAM 15162/31A Storage tank: Z-38.12-23	1x English	1 of 3

**CEN-ISO-
VA****Transport and storage tank
Advantages**

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Corrosion protection for outside installation

- Inside and outside: L-B-1 KTS standard coating system

Documentation

- Test certificate
- Overview drawing
- D/BAM and general technical approval
- Datasheets for equipment
- Certificates of WHG and ISO 9001

Advantages

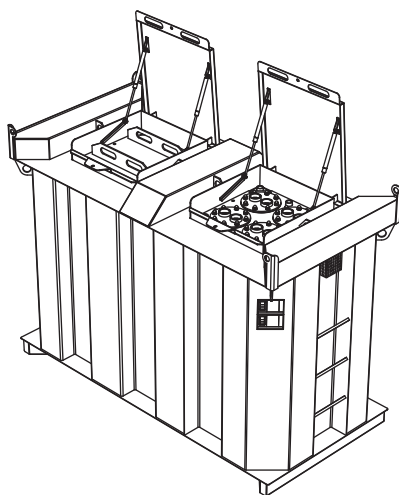
- Tank for Transport, handling, storage and supply of fuels and oils
- International approval for ship, rail and road (IBC)
- General construction supervision approval as storage tank
- Extremely durable, high static firmness through double wall structure
- Minimization of the danger potential by vacuum leakage indicator and the arrangement of the equipment which is protected in the tank body
- Conceived for world-wide application and transportation
- Laid out for temperatures from -5 °C to 50 °C
- Optimal space capacity ratio due to the cubic design
- Saving transportation costs through standardized surface area according to EUR-pallet standard
- Optimized transit times, laid out for all usual loading techniques
- High loading security through integrated lashing eyes
- Quick connection and disconnection for filling and extraction of media by dry clutch
- Transport optimized dimensions for bringing in trucks and freight containers
- Quick and easy attachment of the tank body on a truck by lashing straps
- Handling with a crane or forklift
- Possible extension to battery systems
- Constructed also for the use under extreme conditions
- Installation inside buildings, outside and in water protection area
- Individual equipments allow adequate and practice-oriented solutions
- Two times stackable (space saving of floor area)

UN 31A/Y/XX.XX/D/BAM 15162-KRAMPITZ/12690/*

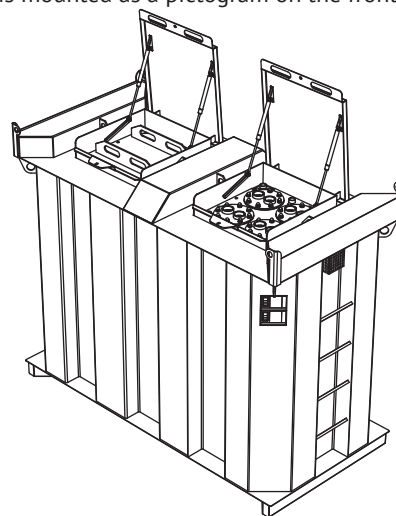
UN	Made, proved and approved according to the UN packing instructions
31A	IBC out of steel for liquid substances
Y	Approved for substances of the packaging groups II and III
XX.XX	Month and year of production
D	Country in which the approval was granted
BAM 15162-KRAMPITZ	Institution that grants the approval, approval number and manufacturer
12690	Test load of the stack pressure test in kg
*	Maximum permissible weight in kg (see table on page 1)



Maximum permissible stacking load is mounted as a pictogram on the front side of the tank.



CEN-ISO-2501-VA



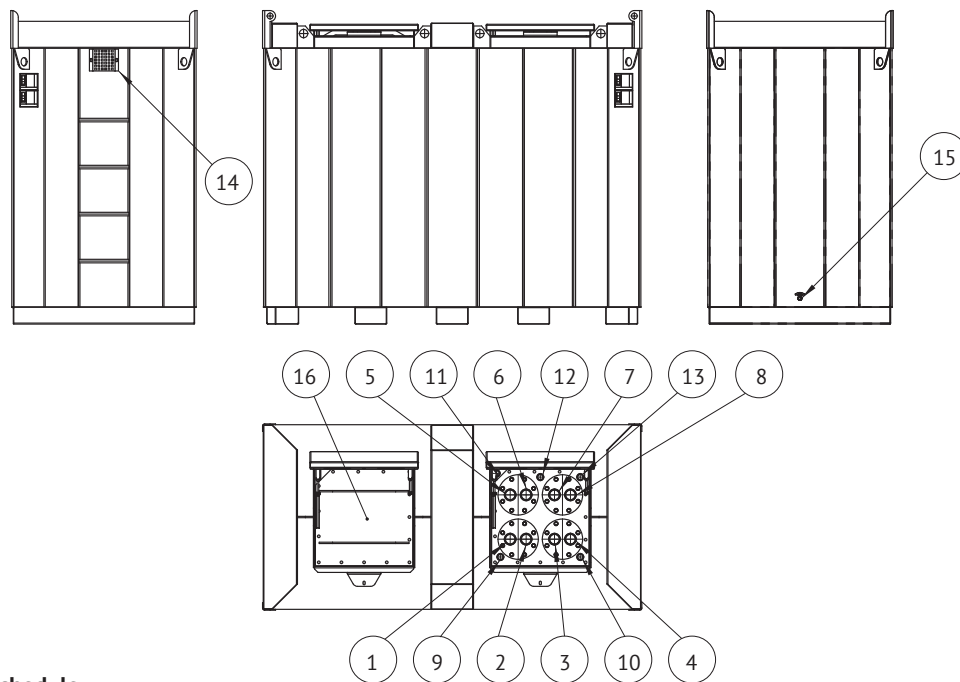
CEN-ISO-3001-VA

Technical changes reserved!

Material	Approval	Documentation	Sheet
Stainless steel 1.4401 1.4404 1.4571	IBC: D/BAM 15162/31A Storage tank: Z-38.12-23	1x English	2 of 3



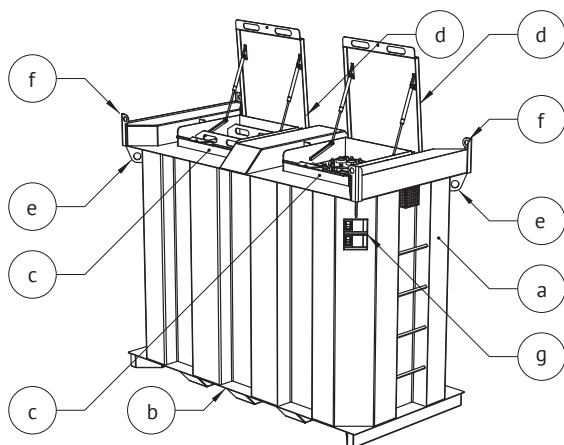
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**CUBIC
GOOD**
**Nozzle schedule****Pos. Nom. diam. Connection**

- | | | |
|---|------------|--|
| 1 | Sleeve G2" | Extraction, reduction, suction line 1" with check valve incl. ball valve |
| 2 | Sleeve G2" | Filling, filling pipe 2" incl. ball valve tanktruck filling pipe cap VK50 |
| 3 | Sleeve G2" | Reserve, Blind plug |
| 4 | Sleeve G2" | Level indicator, mechanical
Reduction, dip stick with sounding pipe cap |
| 5 | Sleeve G2" | Reserve, Blind plug |
| 6 | Sleeve G2" | Reserve, Blind plug |
| 7 | Sleeve G2" | Overfill protection, reduction
limiting level transmitter with type approval |
| 8 | Sleeve G2" | Protection against dry running, stuffing gland with 1x cable gland
level transmitter (float switch) |

Pos. Nom. diam. Connection

- | | | |
|----|--------------|--|
| 9 | Sleeve G1" | Reserve, Blind plug |
| 10 | Sleeve G1" | Reserve, Blind plug |
| 11 | Sleeve G1" | Safety assembly for pressure equalization
Safety valve -0.05 bar / +0.34 bar |
| 12 | Sleeve G1" | Ventilation
Ball valve 1" with ventilation hood |
| 13 | Sleeve G1" | Reserve, Blind plug |
| 14 | Sleeve G1/2" | Instrument nozzle, static vacuum
leakage indicator with type approval
Protective plate |
| 15 | Sleeve G3/8" | Suction nozzle for creating vacuum
Ball valve 3/8" with blind plug |
| 16 | - | Inspection opening
Flange cover 520 x 520 mm |

**Equipment**

- Durable, cubic, double wall body
- Bottom assembly optimized for easy loading with forklift and lift truck
- Hatch element, equipment on tank roof, weatherproof and vandalism-proof
- Sealing hood with gas pressure spring and handle strip
- Lashing eyes, 4x
- Crane eye and stacking corner, 4x
- Type plate and UN marking IBC plate

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