

BLACK FOREST

UN/DOT APPROVED CONTAINERS AND PRESSURE VESSELS



Stainless Steel Pressure Vessels

Stainless Steel Packaging Solutions for:

- High-Purity and Industrial Chemical
- Pharmaceutical
- Semi Conductor
- Micro Electronics

From concept, design, production, and development, Black Forest is a full-service provider of stainless steel container packaging and material handling equipment. Black Forest offers closed loop custom equipment systems, and reusable stainless steel cylindrical packaging systems for liquid material transport, processing, and storage. Our chemical containers, portable pressure vessels, and intermediate bulk containers are manufactured to ASME and UN specifications and are used in a variety of sanitary, industrial, and general purpose applications. Our chemical containers meet or exceed industry requirements and UN requirements for shipping hazardous materials.

We offer a variety of standard chemical container designs and our custom systems can be designed for specific material handling applications. Packaging systems include container sizes ranging from 1 gallon (4 liters) to over 500 gallons (2000 liters). Containers may be customized for pressurized dispense, fitted with heating or cooling jackets or lined with fluoropolymers. Optional container certifications include UN/DOT, CE, ASME, FM, and TuV. Leasing and rental programs and custom package design and consultation are also available.



Black Forest

Commitment to Environment
Commitment to Quality
Commitment to Value

UN/DOT APPROVED CONTAINERS AND PRESSURE VESSELS

Modern stainless steel technology and protection of the environment go hand in hand. Stainless steel combines a wide spectrum of outstanding technical properties in addition to protecting precious natural resources and being completely recyclable.

– **Commitment to Environment**

Black Forest's extensive experience in working with stainless steel provides them with unmatched technical knowledge, quality in welding, formation, and deep drawn product lines. – **Commitment to Quality**

Black Forest's fully recyclable containers offer a lifetime of use, and a substantial future value. Stainless steel containers can be rededicated for new products, or scraped as a raw material asset. – **Commitment to Value**

BLACK FOREST your partner for stainless steel products.

- Aseptic Containers & Totes
- Stainless Steel Containers for hazardous products
- Pressure Vessels
- Containers for transport, storage, process
- Closed loop Intermediate Bulk Containers
- Custom fabricated, Process vessels, Mixers, ASME, Pharmaceutical and Biotech, Fermentors, Reactors, Storage, etc. for transport, storage, and process
- Small Beverage, Multi-purpose Containers, and Cleaning Cans for transport, storage, and process
- Chemical specialty, UN/DOT, Aseptic, food, and large beverage containers for the transportation markets.
- Containers for viscous products to up 800,000 centipoises
- A variety of filling and dispensing options are available



UN31A 220 gallon IBCS



Stacked Freight Saver Designs

VOLUMES

UN1A1 and UN1A2

US sizes range from 1 gallon to 119 gallons.
EU sizes range from 4 liters to 450 liters.

UN31A and UN Portable Tanks

US sizes range from 120 gallon to 500 gallons.
EU sizes range from 450 liters to 2000 liters.



UN1A1 119 gallon container

OPTIONS

Certifications

- UN/DOT
- CE
- ASME
- TuV

Surface Treatment

- 2B
- IIID
- Electropolish
- Coatings

Handling

- Stackable Skirting
- Casters
- Forklift Bases with 4-way Access
- Protected Frames

Closures

- Top or Bottom
- All Industry Standard

MATERIALS

- Special composition of stainless steel DIN 1 14301, similar AISI 304
- Special composition of stainless steel DIN 1 4571, similar AISI 316
- Special composition of stainless steel DIN 1 4404/1 4435, similar AISI 316 L
- Please ask us about other materials for special applications.
- Black Forest maintains a large inventory of spare parts for beverage containers and transport vessels.

Our standard turnaround time for orders placed is 1-2 days. Spare parts that are not in stock can typically be supplied within 5-7 business days.

Please contact our customer service department for more information or to inquire about current pricing.

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