Your specialists for standard and special containers in stainless steel

www.schaefer-container-systems.com
I. SCHÄFER Container Systems

SCHÄFER Container Systems – the container experts

We are the competent company to contact for the following sectors:

- Chemicals and petrochemicals
- Cosmetics and pharmaceuticals
- Food industry
- Waste disposal/recycling
- Paints and lacquers
- Adhesives
- Plant construction
- Building and construction

Experienced full service supplier
Specific customer needs and safety aspects are taken into consideration right from the planning stage. With the creativity and experience of a specialised full-service supplier, our name stands for container solutions which are fully in line with market demands and customer requirements.

Your benefits

- Individual consulting
- Everything from a single source – from planning to logistics
- Our own design and development division
- In-house tool-making and device construction
- Highly efficient production equipment with flexible manufacturing potential
- High standards of quality and reliability
- Optimum price-performance ratio
- Experience in international projects

Location benefits in the Czech Republic
The majority of our container solutions are manufactured at Ledeč nad Sázavou in the Czech Republic. For decades, the SCHÄFER plant there has had an extremely high level of welding expertise, which is currently being improved by investments in new halls and machines. This will further increase the already high levels of manufacturing flexibility with regard to batch sizes and workmanship. SCHÄFER Container Systems’ customers in Germany and other neighbouring countries also benefit from the short delivery routes from the Czech Republic as well as its attractive wage levels.

Production plant Ledeč nad Sázavou (CZ)

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</tr>
<tr>
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<td>30</td>
</tr>
<tr>
<td></td>
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</tr>
</tbody>
</table>
I. SCHÄFER Container Systems

- Special Containers to customers specifications
- Heatable Containers RCB
- SLC Aseptic Containers
- Tank Containers BTA and Round Containers RCN
Flexible and reliable
In the field of container systems, we can supply UN approved IBCs (intermediate bulk containers), heatable containers, food containers for aseptic applications and special containers in stainless steel. We deliver completely safe and reliable container systems for liquid and solid substances, especially for sectors with special requirements for transport and storage.
From perfected and officially approved standard systems, such as tank, round and silo containers, right up to tailor-made customized solutions – with SCHÄFER stainless steel IBCs your product couldn’t be better protected!

Full range supplier
SCHÄFER Container Systems is a full range supplier of IBCs in various sizes. This allows many companies in the food and pharmaceuticals industries to meet their entire demand for container solutions either largely or completely from one single source. Due to this product line structure, sales staff at SCHÄFER Container Systems have gained extensive project experience, dealing not only with series products but also with customized solutions.

Quality
We attach great importance to quality assurance in all processes, from procurement of materials right up to manufacturing. Our company is certified in accordance with DIN EN ISO 9001:2008, AD 2000 HP 0, DIN EN ISO 3834-3 and 97/23/EG module D.

Maximum safety
In purchasing stainless steel IBCs, you are investing in maximum safety. They are fire resistant for at least 30 minutes without a sprinkler system. This has been tested and proven by the BAM, the Federal Institute for Materials Research and Testing.

Extensive range of spare parts
More information on our extensive spare parts range is available for download at www.schaefer-container-systems.com.
II. BTA Tank Containers
II. BTA Tank Containers

Safe stainless steel container solutions for liquids

Application
- Chemicals/petrochemicals
- Waste disposal/recycling
- Food industry
- Paints/lacquers
- Plant engineering

Tank material
Stainless steel 1.4301 / 1.4404 / 1.4571

Wall thicknesses
2.0 mm or 2.5 mm for top section, shell and bottom section

Manhole
DN 400 or DN 457 in the top section, with screwed cover and eyebolts or tension ring

Seals
According to customer requirements and/or application

Transport frame
Galvanised or stainless steel, painted on request, suitable for handling by crane or other pallet lifting equipment, stackable

Equipment
- Safety valve (pressure relief at 0.65 bar at the latest) and aeration vents in the top section
- Outlet with ball cock, disc valve or butterfly stop-valve and either a tanker coupling, camlock coupling or sealing cap
- Stacking frame for multiple stacking

Approval
As a metal intermediate bulk container (IBC), code 31A, for land and sea transport of hazardous liquid materials of packaging groups II and III. Max. density of the filling goods is 2.1 kg/l/1.5 kg/l. The design fulfils the test requirements for IBCs for the transport of dangerous materials contained in the following international standards:
- European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR)
- Regulations concerning the International Carriage of Dangerous Goods by Rail (RID)
- International Maritime Dangerous Goods Code (IMDG Code)
- United Nations Recommendations on the transport of dangerous goods (UN)

Optional
- Stirring devices
- Insulation
- Liquid level measurement
- Internal coating
- Cleaning systems

Dimensions
Basic size: 1,215 x 1,015 mm, or alternatively 1,200 x 1,000 mm
Other types on request

<table>
<thead>
<tr>
<th>Type</th>
<th>Volume (litres)</th>
<th>Height (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BTA 500</td>
<td>500</td>
<td>1,080</td>
</tr>
<tr>
<td>BTA 600</td>
<td>600</td>
<td>1,150</td>
</tr>
<tr>
<td>BTA 700</td>
<td>700</td>
<td>1,250</td>
</tr>
<tr>
<td>BTA 800</td>
<td>800</td>
<td>1,350</td>
</tr>
<tr>
<td>BTA 900</td>
<td>900</td>
<td>1,450</td>
</tr>
<tr>
<td>BTA 1,000</td>
<td>1,000</td>
<td>1,550</td>
</tr>
<tr>
<td>BTA 1,100</td>
<td>1,130</td>
<td>1,650</td>
</tr>
<tr>
<td>BTA 1,250</td>
<td>1,280</td>
<td>1,800</td>
</tr>
<tr>
<td>BTA 1,500</td>
<td>1,530</td>
<td>2,050</td>
</tr>
</tbody>
</table>

1) Max. density of filling substances 2.1 kg/l
2) Max. density of filling substances 1.5 kg/l
III. RCN Round Containers
III. RCN Round Containers

Reusable stainless steel container solutions for liquids

Application
- Chemicals/Petrochemicals
- Waste disposal/Recycling
- Food industry
- Paints/Lacquers
- Plant engineering

Tank material
Stainless steel 1.4301 / 1.4404 / 1.4571

Wall thicknesses
2.0 mm or 2.5 mm for the top section, shell and hopper

Manhole
DN 400 or DN 457 in the top section, with screwed cover and eyebolts or tension ring

Seals
According to customer requirements and/or application

Transport frame
Galvanised or stainless steel, sprayed on request, suitable for handling with forklift vehicles, cranes, stackable

Equipment
- Safety-valve (pressure relief at 0.65 bar at the latest) and aeration vents in the top section
- Outlet with ball-valve or butterfly-valve and either a tanker coupling, camlock coupling or sealing cap
- Stacking frame, multiple stackable

Approval
As a metal intermediate bulk container (IBC), code 31A, for land and sea transport of hazardous liquid materials of packaging groups II and III, max. density of the filling goods is 2.0 kg/l.
The design fulfils the test requirements for IBCs for the transport of dangerous materials contained in the following international standards:
- European Agreement on the International Carriage of Dangerous Goods by Road (ADR)
- Regulations for the International Carriage of Dangerous Goods by Rail (RID)
- International Maritime Dangerous Goods Code (IMDG Code)
- United Nations Recommendations on the transport of dangerous goods (UN)

Optional
- Stirring device
- Insulation
- Liquid level measurement
- Internal anti-corrosion coating

Dimensions
Basic size: 1,200 x 1,100 mm

<table>
<thead>
<tr>
<th>Type</th>
<th>Volume (litres)</th>
<th>Height (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>RCN</td>
<td>500</td>
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<td>1,320</td>
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<tr>
<td>RCN</td>
<td>800</td>
<td>1,440</td>
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<tr>
<td>RCN</td>
<td>900</td>
<td>1,550</td>
</tr>
<tr>
<td>RCN</td>
<td>1,000</td>
<td>1,670</td>
</tr>
</tbody>
</table>
IV. BSI Silo Containers
Reusable stainless steel container solutions for bulk materials

IV. BSI Silo Containers

Application
- Chemicals/Petrochemicals
- Food industry
- Construction industry
- Plant engineering

Tank material
Stainless steel 1.4301 / 1.4404 / 1.4571

Wall thicknesses
2.0 mm or 2.5 mm for the top section, shell and bottom

Manhole
DN 400 or DN 457 in the top section, with screwed cover and eyebolts or tension ring

Hopper
30°, 45° or 60° angled slopes
Discharge diameter NW 150 or NW 250

Seals
According to customer requirements and/or application

Transport frame
Galvanised or stainless steel, sprayed on request, suitable for handling with forklift vehicles, cranes, stackable

Equipment
- Aeration and de-aeration vents in the top section
- Butterfly valves
- Stacking frame, multiple stackable

Approval
Metal intermediate bulk container (IBC), code 31A, for land and sea transport of hazardous liquid materials of packaging groups II and III, max. bulk density of the filling goods is 1.83 kg/l. The design fulfils the test requirements for IBCs for the transport of dangerous materials contained in the following international standards:
- European Agreement on the International Carriage of Dangerous Goods by Road (ADR)
- Regulations for the International Carriage of Dangerous Goods by Rail (RID)
- International Maritime Dangerous Goods Code (IMDG Code)
- United Nations Recommendations on the transport of dangerous goods (UN)

Dimensions
Basic size: 1,215 x 1,015 mm,
Height in mm for outlet diameter NW 250

<table>
<thead>
<tr>
<th>Type</th>
<th>Volume (litres)</th>
<th>Height (mm)</th>
<th>30°</th>
<th>45°</th>
<th>60°</th>
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<tbody>
<tr>
<td>BSI 550</td>
<td>550</td>
<td>1,200</td>
<td>1,340</td>
<td>1,580</td>
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<tr>
<td>BSI 650</td>
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<td>1,300</td>
<td>1,440</td>
<td>1,680</td>
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<tr>
<td>BSI 800</td>
<td>800</td>
<td>1,450</td>
<td>1,590</td>
<td>1,830</td>
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<tr>
<td>BSI 1,000</td>
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<td>1,650</td>
<td>1,790</td>
<td>2,030</td>
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</tbody>
</table>
V. BSIF Silo Containers
V. BSIF Silo Containers

Reusable stainless steel container solutions for liquids

Application
- Chemicals/Petrochemicals
- Food industry
- Construction industry
- Paints/Lacquers
- Plant engineering

Tank material
Stainless steel 1.4301 / 1.4404 / 1.4571

Wall thicknesses
2.0 mm or 2.5 mm for the top section, shell and hopper

Manhole
DN 400 or DN 457 in the top section, with screwed cover and eyebolts or tension ring

Hopper
30° or 45° angled slopes

Seals
According to customer requirements and/or application

Transport frame
Galvanised or stainless steel, sprayed on request, suitable for handling with forklift vehicles, cranes, stackable

Equipment
- Safety-valve (pressure relief at 0.65 bar at the latest) and aeration vents in the top section
- Ball-valve or butterfly-valve, disc-valve
- Stacking frame, multiple stackable

Approval
Metal intermediate bulk container (IBC), code 31A, for land and sea transport of hazardous liquid materials of packaging groups II and III, max. bulk density of the filling goods is 1.83 kg/l.

The design fulfils the test requirements for IBCs for the transport of dangerous materials contained in the following international standards:
- European Agreement on the International Carriage of Dangerous Goods by Road (ADR)
- Regulations for the International Carriage of Dangerous Goods by Rail (RID)
- International Maritime Dangerous Goods Code (IMDG Code)
- United Nations Recommendations on the transport of dangerous goods (UN)

Dimensions
Basic size: 1,215 x 1,015 or alternatively 1,200 x 1,000 mm

<table>
<thead>
<tr>
<th>Type</th>
<th>Volume (litres)</th>
<th>Height (mm) 30°</th>
<th>Height (mm) 45°</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSIF 465</td>
<td>502</td>
<td>1,200</td>
<td>–</td>
</tr>
<tr>
<td>BSIF 550</td>
<td>550</td>
<td>1,350</td>
<td>1,480</td>
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<tr>
<td>BSIF 650</td>
<td>650</td>
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<td>BSIF 800</td>
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<td>1,600</td>
<td>1,730</td>
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<tr>
<td>BSIF 900</td>
<td>900</td>
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<td>–</td>
</tr>
<tr>
<td>BSIF 1,000</td>
<td>1,000</td>
<td>1,800</td>
<td>1,930</td>
</tr>
</tbody>
</table>
VI. Heatable Containers
Transport frame
Material: stainless steel 1.4301
suitable for handling with forklift vehicles and cranes, stackable.
Frame can be sprayed on customer request

Drain valve
DN 80 butterfly-valve with tank/camlock coupling
or blind cap, reduction to DN 50 possible

Optional
- Stirring devices
- Liquid level measurement
- Customer specific connectors in the top section
- ATEX design for the heating device
- Internal anti-corrosion coating
- UN 31A approval for the transport of dangerous goods

Tank material: inner container
Stainless steel 1.4301 / 1.4404 / 1.4571

Wall thicknesses
2.0 mm or 2.5 mm for the top section, shell and hopper

Manhole
DN 400 in the top section, with screwed cover
and eyebolts

Insulated container
Material: stainless steel 1.4301
Insulation: perlite, loose fill

Standard temperature regulation

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heating capacity</td>
<td>2000 W / 230 V</td>
</tr>
<tr>
<td>Heater circuits</td>
<td>1</td>
</tr>
<tr>
<td>max. product temperature</td>
<td>120°</td>
</tr>
<tr>
<td>Wall plug</td>
<td>CEE plug</td>
</tr>
<tr>
<td>Elapsed-time counter</td>
<td>integrated into temperature regulator</td>
</tr>
<tr>
<td>Data logger function</td>
<td>integrated into controller</td>
</tr>
</tbody>
</table>

Additional equipment: temperature regulation by touch panel

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temperature monitoring</td>
<td>product, heater, limitation</td>
</tr>
<tr>
<td>Safety temperature limitation</td>
<td>after exceeding for 1st. time, restart poss. after 60 mins. after reaching 2nd. time, restart by service team</td>
</tr>
<tr>
<td>Elapsed-time counter</td>
<td>two, total and temporary</td>
</tr>
<tr>
<td>Data logger function</td>
<td>rolling, data period can be limited, txt file readable via USB interface</td>
</tr>
<tr>
<td>Programming control</td>
<td>using touch panel</td>
</tr>
<tr>
<td>Operator levels</td>
<td>PW protection, users, operators</td>
</tr>
<tr>
<td>Alarm messages</td>
<td>rolling, protocol visible in a matrix via touch panel</td>
</tr>
<tr>
<td>Temperature curve</td>
<td>rolling, the last 9 hours are displayed</td>
</tr>
<tr>
<td>Languages</td>
<td>operator language can be changed</td>
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</tbody>
</table>

Dimensions
Basic size: 1,200 x 1,100 mm

<table>
<thead>
<tr>
<th>Type</th>
<th>Volume (litres)</th>
<th>Height (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>RCB  500</td>
<td>500</td>
<td>1,100</td>
</tr>
<tr>
<td>RCB  600</td>
<td>600</td>
<td>1,210</td>
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<tr>
<td>RCB  700</td>
<td>700</td>
<td>1,320</td>
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<tr>
<td>RCB  800</td>
<td>800</td>
<td>1,440</td>
</tr>
<tr>
<td>RCB  1,000</td>
<td>1,000</td>
<td>1,670</td>
</tr>
</tbody>
</table>

Dimensions
Basic size: 1,240 x 835 mm

<table>
<thead>
<tr>
<th>Type</th>
<th>Volume (litres)</th>
<th>Height (mm)</th>
</tr>
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<tbody>
<tr>
<td>CHB  500</td>
<td>500</td>
<td>1,245</td>
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<td>CHB  600</td>
<td>600</td>
<td>1,360</td>
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<tr>
<td>CHB  700</td>
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<td>1,475</td>
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<tr>
<td>CHB  800</td>
<td>800</td>
<td>1,590</td>
</tr>
<tr>
<td>CHB  1,000</td>
<td>1,000</td>
<td>1,820</td>
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</tbody>
</table>
VII. SLC Aseptic Containers
VII. SLC Aseptic Containers

Reusable stainless steel containers for aseptic applications

Application
- Food industry
- Fruit preparations
- Fruit concentrates
- Beverage ingredients
- Aromas and essences
- Liquid seasonings and sauces
- Mayonnaise
- Liquid egg products
- Cosmetics and pharmaceuticals industries

Transport frame
Profile frame or tube frame

Equipment
Manhole cover with pressure relief valve (TÜV approved) and DN 6.5 or DN 12 CO₂ valve.
DN 50 threaded connectors with cap nuts (optional)

Approval
- CE Mark in acc. with Pressure Equipment Directive 97/23 acc. to AD 2000 S5, up to 2 bar operating pressure

Handling
- Can be transported and stacked using all usual forklift vehicles
- Steam sterilizable, vacuum resistant
- Easy to clean

Optional
- With heating or cooling shell
- Stirring device

Tank material
Stainless steel 1.4301 / 1.4404 / 1.4571

Wall thicknesses
1.5 to 2.5 mm for top section, shell and bottom section

Manhole
DN 400 in the top section with bolted or bayonet ring cover

Dimensions of profile frame
Other types on request

<table>
<thead>
<tr>
<th>Diameter (mm)</th>
<th>800 Volume (l)</th>
<th>1,000 Volume (l)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SLC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>500</td>
<td>500</td>
<td>1,518</td>
</tr>
<tr>
<td>600</td>
<td>600</td>
<td>1,718</td>
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<td>700</td>
<td>700</td>
<td>1,915</td>
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<td>800</td>
<td>800</td>
<td>2,115</td>
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<td>900</td>
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<td>–</td>
</tr>
<tr>
<td>1,000</td>
<td>1,000</td>
<td>–</td>
</tr>
</tbody>
</table>

Dimensions of tube frame
Other types on request

<table>
<thead>
<tr>
<th>Diameter (mm)</th>
<th>800 Volume (l)</th>
<th>1,000 Volume (l)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SLC</td>
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<tr>
<td>500</td>
<td>500</td>
<td>1,518</td>
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<td>600</td>
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<td>700</td>
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<td>800</td>
<td>2,118</td>
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<tr>
<td>900</td>
<td>900</td>
<td>–</td>
</tr>
<tr>
<td>1,000</td>
<td>1,000</td>
<td>–</td>
</tr>
</tbody>
</table>

Notes:
- Angled slopes drain hopper

Bolt cover
Bayonet ring cover
Stirring device
Heating or cooling shell
VIII. SCHÄFER Cube
VIII. SCHÄFER Cube

Container for efficient storage and transport

Application
- Chemical industry
- Paints and lacquer industry
- Food industry
- Pharmaceuticals industry
- Oil industry
- And many more

Advantages
- Up to 40 SCHÄFER Cubes fit into a 40ft. sea container
- Up to 44 SCHÄFER Cubes fit into a transport lorry
- Optimum container emptying due to deep-drawn bottom section with low dead space
- Reduced overall height enables use on existing filling lines for plastic IBCs
- Extremely long service life

Tank material
- Stainless steel 1.4301(304) / 1.4404(316L) / 1.4571(316Ti)

Manhole
- DN 400 or DN 457 in the top section, with screwed cover

Transport and handling
- Stainless steel feet and stacking lugs

Equipment
- Pressure relief valve (0.65 bar maximum)
- Optional stirring device
- Various drain valves available
- Filling adaptors to suit your requirements

Approval
- ADR certified / UN 31 A/Y up to 2.0 kg/litre

Handling
- Stackable: 3 when empty and 2 when full
- Maximum space utilization in storage and in transport
- Can be transported using all usual pallet lifting equipment
- Suitable for handling by crane
- Easy to clean internally and externally

Dimensions

<table>
<thead>
<tr>
<th>Type</th>
<th>Volume (litres)</th>
<th>Height (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BTU</td>
<td>1000</td>
<td>1,160</td>
</tr>
</tbody>
</table>

Drain valve
Stacking brackets and crane lifting lugs
Screw-down cover

ADR certified / UN 31 A/Y up to 2.0 kg/litre

Handling
- Stackable: 3 when empty and 2 when full
- Maximum space utilization in storage and in transport
- Can be transported using all usual pallet lifting equipment
- Suitable for handling by crane
- Easy to clean internally and externally
IX. Hazardous Goods Containers
IX. Hazardous Goods Containers

Container for the transport and storage of hazardous goods

Application
- Transport and storage of liquid, flammable, poisonous and corrosive materials for which transport approval in acc. with the ADR/RID and IMDG Code is stipulated

Approval
- UN approval for the transport of dangerous goods acc. to UN 1A1/X for packaging groups I, II and III

SCHÄFER Variotainer – Polyurethane (PU)-coated stainless steel container
- Stainless steel liner in grades 1.4301 or 1.4571
- Filling and emptying via Tri-Sure or valve system
- Noise reduction due to PU coating, optimum impact protection
- Branding options: in-mould labelling and completely coloured
- Stackable
- Safety bursting point
- Foam-sealed transponder – protected from damage – not visible, therefore tamper-proof
- Optoelectronically readable Datix-Plus character coding
- CE mark in acc. with Pressure equipment directive 97/23

SUDEX Variotainer – 100 % stainless steel
- Stainless steel 1.4301 or 1.4571
- Filling and emptying via Tri-Sure or valve system
- Branding options: embossing, silk-screening, labelling, painting
- Stackable model available on request
- Transponder solution on customer request
- CE mark in acc. with Pressure equipment directive 97/23

SCHÄFER Variotainer, Ø 239 mm, Content 10-20 Litres
- Content 10 l 15 l 20 l
  - Height 326 mm 443 mm 560 mm
  - External Ø 239 mm 239 mm 239 mm

SUDEX Variotainer, Ø 278/290 mm, Content 10-25 Litres
- Content 10 l 15 l 20 l 22 l 25 l
  - Height 281 mm 365 mm 450 mm 484 mm 535 mm
  - External Ø 278 mm 278 mm 290 mm 290 mm 290 mm

SUDEX Variotainer, Ø 363/381 mm, Content 20-50 Litres
- Content 20 l 22 l 30 l 33 l 50 l
  - Height 300 mm 330 mm 407 mm 437 mm 607 mm
  - External Ø 363 mm 363 mm 381 mm 381 mm 381 mm

SUDEX Variotainer, Ø 395/408 mm, Content 20-50 Litres
- Content 20 l 22 l 30 l 33 l 50 l
  - Height 286 mm 302 mm 365 mm 390 mm 532 mm
  - External Ø 395 mm 395 mm 408 mm 408 mm 408 mm

SUDEX Variotainer, Ø 408 mm, Content 66 -110 Litres
- Content 66 l 85 l 110 l
  - Height 664 mm 820 mm 1,027 mm
  - External Ø 408 mm 408 mm 408 mm
X. Ion exchangers
X. Ion exchangers

SCHÄFER ion exchangers – for regenerable resin mixtures

### Application
- Beverage and food industry
- Restaurants and catering
- Laboratory engineering
- Health service
- Pharmaceuticals
- Dish washers
- Climate control technology
- Filling heating systems
- Chemical industry
- Agriculture
- Surface engineering
- and many more

### Polyurethane (PU)-coated ion exchangers

<table>
<thead>
<tr>
<th>Filling</th>
<th>Stainless steel filling and draining system</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transponder</td>
<td>can be integrated into the coating</td>
</tr>
<tr>
<td>Safety</td>
<td>Safety bursting point</td>
</tr>
<tr>
<td>Branding</td>
<td>In-mould labelling and complete colouring</td>
</tr>
<tr>
<td>Handling</td>
<td>Ergonomic handling grips</td>
</tr>
<tr>
<td>Special features</td>
<td>Impact resistant coating</td>
</tr>
<tr>
<td>Customizing</td>
<td>e.g. variations in colour and technical features</td>
</tr>
<tr>
<td>Storage</td>
<td>stackable</td>
</tr>
</tbody>
</table>

### ECO ion exchangers in stainless steel with PP top and bottom rings

<table>
<thead>
<tr>
<th>Filling</th>
<th>Stainless steel filling and draining system</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transponder</td>
<td>can be installed in the top ring (pouch)</td>
</tr>
<tr>
<td>Safety</td>
<td>Safety bursting point</td>
</tr>
<tr>
<td>Branding</td>
<td>Silkscreen printing, labelling, spray painting</td>
</tr>
<tr>
<td>Handling</td>
<td>Ergonomic handling grips</td>
</tr>
<tr>
<td>Special features</td>
<td>Shock absorber effect due to PP top and bottom rings</td>
</tr>
<tr>
<td>Customizing</td>
<td>e.g. variations in colour and technical features</td>
</tr>
<tr>
<td>Storage</td>
<td>stackable</td>
</tr>
</tbody>
</table>

### Overview of types and sizes

<table>
<thead>
<tr>
<th>Type</th>
<th>ECO-Ionenaustauscher</th>
<th>PU-ummantelter-Ionenaustauscher</th>
<th>ECO-Ionenaustauscher</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diameter Ø (mm)</td>
<td>Ø 239</td>
<td>Ø 239</td>
<td>Ø 372</td>
</tr>
<tr>
<td>Cover</td>
<td>Screw-on cover RD 58</td>
<td>Oval cover</td>
<td>Screw-on cover RD 58</td>
</tr>
</tbody>
</table>

### Volumes

<table>
<thead>
<tr>
<th>Volumes</th>
<th>Container height ± 2 (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10,4 l</td>
<td>326</td>
</tr>
<tr>
<td>13,5 l</td>
<td>398</td>
</tr>
<tr>
<td>15,5 l</td>
<td>443</td>
</tr>
<tr>
<td>20,5 l</td>
<td>560</td>
</tr>
<tr>
<td>26,5 l</td>
<td>703</td>
</tr>
<tr>
<td>40,2 l</td>
<td>1,029</td>
</tr>
<tr>
<td>46,2 l</td>
<td>1,171</td>
</tr>
<tr>
<td>50,0 l</td>
<td>612</td>
</tr>
<tr>
<td>58,7 l</td>
<td>603</td>
</tr>
<tr>
<td>85,0 l</td>
<td>818</td>
</tr>
<tr>
<td>115,0 l</td>
<td>1,064</td>
</tr>
</tbody>
</table>
XI. Special Containers

Tailor-made container solutions in stainless steel to customer specifications

Our great manufacturing expertise, extensive production equipment and the outstanding qualification and experience of our employees make us the ideal partner for developing, designing and manufacturing container solutions specially geared to your individual requirements.

If you need a stainless steel container manufactured for your specific needs, why not contact us? We will be happy to advise you!

Telephone +49 (0) 2735/787-578
cermert@schaefer-container-systems.de
XI. Special Containers

Container for pharmaceutical products

Container for animal feed
XI. Special Containers

Individual designs tailored perfectly to fit precise requirements

Container for foodstuff

Container for use with chemicals
If you would like to have more information on our standard and special containers in stainless steel, feel free to contact us at any time. We’ll also be happy to offer you individual advice at your own premises.

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VIII. The SCHÄFER WERKE Group
Within the SCHÄFER Group, SCHÄFER WERKE are the specialists for the development, manufacture and sale of thin steel sheet and stainless steel products. Constant growth and the uncompromising extension of the product range underline the company’s successful strategy.

The outstanding success of the five individual business areas lies above all in the ability to put customer wishes into practice quickly, while keeping the products themselves highly individual.

The extraordinary speed at which new sheet steel products can be realised stems from the close cooperation of all business areas with our own EMW Steel Service Centre, which, with a storage capacity of 100,000 t of thin steel sheet, can provide the coils, slit strips, cut-to-size sheets and circular blanks required for further processing in very high quality and at very short notice.

SCHÄFER Perforated Metal supplies a broad and rapidly available range of high-quality perforated plates and sheets for all sectors and application fields.

SCHÄFER Container Systems is one of the world’s leading suppliers of reusable stainless steel beverage containers for beer, wine and soft drinks, as well as for IBCs and special containers for solid and liquid substances and granulates.

SCHÄFER IT-Systems develops, designs and produces standardised and made-to-measure network and server cabinets, as well as data centre and water-cooled server cabinet solutions.

SCHÄFER Interior Systems develops and manufactures high-quality steel furniture for workshop and factory floor, as well as office and administration.

SCHÄFER Industrial Solutions develops, designs and manufactures customised punched and bent parts, machine cladding, special and standard housing solutions in metal.

Our great manufacturing expertise, our extensive range of production equipment and our employees’ outstanding level of qualification make SCHÄFER the ideal partner for contract manufacturing. By working with SCHÄFER, our customers can profit from measurable time and cost-saving benefits.
Our production locations

SCHÄFER Container Systems, the specialists for stainless steel IBCs for liquids, pastes and solid bulk materials, is part of the internationally successful SCHÄFER WERKE group. This owner-led group of companies has its headquarters in Neunkirchen in Germany’s Siegerland region. The work of all the SCHÄFER WERKE divisions – SCHÄFER Container Systems, SCHÄFER IT-Systems, SCHÄFER Industrial Solutions, SCHÄFER Interior Systems, SCHÄFER Perforated Metal, EMW Steel Service Centre – is based on high-quality thin steel sheet. The processing of this material is one of the core competencies of this enterprise.