Your specialists for standard and customized 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)

Perfect Quality Individual Consulting

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I. SCHÄFER Container Systems

- BTA Tank Containers and RCN Round Containers
- Heatable Containers
- BSI Silo Containers
- SLC Aseptic Containers
- SCHÄFER Cube
- Special Containers to customers specifications
I. SCHÄFER Container Systems

SCHÄFER Container Systems – expertise in development and production

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 2014/68/EU.

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.

Stainless steel vs. Plastic:
Fire resistance test at 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(304) / 1.4404(316L) / 1.4571(316Ti)

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-valve or butterfly-valve and either a tanker coupling, camlock coupling or sealing cap
- 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. 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>
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<tr>
<th>Type</th>
<th>Volume (litres)</th>
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<sup>1</sup> Max. density of filling substances 2.1 kg/l
<sup>2</sup> 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(304) / 1.4404(316L) / 1.4571(316Ti)

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, painted 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
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
- Cleaning systems

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

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<th>Type</th>
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</table>
IV. BSI Silo Containers
IV. BSI Silo Containers

Reusable stainless steel container solutions for bulk materials

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

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

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

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>
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<tr>
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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(304) / 1.4404(316L) / 1.4571(316Ti)

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, painted 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

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VI. Heatable Containers
VI. Heatable Containers

Heated container solutions in stainless steel for liquid products

Application
- Food industry
- Pharmaceuticals
- Chemicals
- Adhesives
- Paints/Lacquers

Transport frame
- Material: stainless steel 1.4301(304)
- 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(304) / 1.4404(316L) / 1.4571(316Ti)

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(304)
- Insulation: perlite, loose fill

Standard temperature regulation

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<td>RCB</td>
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Dimensions Type CHB
Basic size: 1,240 x 835 mm

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Heating capacity 2000W / 230V
Heater circuits 1
max. product temperature 120°
Wall plug CEE plug
Elapsed-time counter integrated into temperature regulator
Data logger function integrated into controller

Operator friendly touch panel for heater control

Additional equipment: temperature regulation by touch panel
- Temperature monitoring of product, heater, limitation
- Elapsed-time counter
- Data logger function
- Password protected operator levels
- Temperature curve
- Languages
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
- Mayonnaises
- Liquid egg products
- Cosmetics and pharmaceuticals industries

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

**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 or bayonet ring cover

**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 2014/68/EU 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

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**Dimensions of profile frame**
Other types on request

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**Dimensions of tube frame**
Other types on request

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1) Angled slopes drain hopper
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

Equipment
- Pressure relief valve (0.65 bar maximum) and aeration vents in the top section
- Optional stirring device
- Various drain valves available

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 2.0 kg/l. The design fulfils the test requirements for IBCs for the transport of dangerous materials contained in the following international standards:
- 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

Transport and handling
- Stainless steel feet and stacking lugs

Dimensions
Basic size 1.150 x 1.150 mm

<table>
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<tr>
<th>Type</th>
<th>Volume (litres)</th>
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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(304) or 1.4571(316Ti)
- 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 2014/68/EU

SÜDEX Variotainer – 100% stainless steel
- Stainless steel 1.4301(304) or 1.4571(316Ti)
- 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 2014/68/EU

SCHÄFER Variotainer, Ø 239 mm, Content 10 - 20 Litres

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SCHÄFER Variotainer, Ø 372 mm, Content 22 - 50 Litres

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</tr>
<tr>
<td>External Ø</td>
<td>372 mm</td>
<td>372 mm</td>
<td>372 mm</td>
</tr>
</tbody>
</table>

SÜDEX Variotainer, Ø 278/290 mm, Content 10 - 25 Litres

<table>
<thead>
<tr>
<th>Content</th>
<th>10 l</th>
<th>15 l</th>
<th>20 l</th>
<th>22 l</th>
<th>25 l</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height</td>
<td>281 mm</td>
<td>365 mm</td>
<td>450 mm</td>
<td>484 mm</td>
<td>535 mm</td>
</tr>
<tr>
<td>External Ø</td>
<td>278 mm</td>
<td>278 mm</td>
<td>290 mm</td>
<td>290 mm</td>
<td>290 mm</td>
</tr>
</tbody>
</table>

SÜDEX Variotainer, Ø 363/381 mm, Content 20 - 50 Litres

<table>
<thead>
<tr>
<th>Content</th>
<th>20 l</th>
<th>22 l</th>
<th>30 l</th>
<th>33 l</th>
<th>50 l</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height</td>
<td>300 mm</td>
<td>330 mm</td>
<td>407 mm</td>
<td>437 mm</td>
<td>607 mm</td>
</tr>
<tr>
<td>External Ø</td>
<td>363 mm</td>
<td>363 mm</td>
<td>381 mm</td>
<td>381 mm</td>
<td>381 mm</td>
</tr>
</tbody>
</table>

SÜDEX Variotainer, Ø 395/408 mm, Content 20 - 50 Litres

<table>
<thead>
<tr>
<th>Content</th>
<th>20 l</th>
<th>22 l</th>
<th>30 l</th>
<th>33 l</th>
<th>50 l</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height</td>
<td>286 mm</td>
<td>302 mm</td>
<td>365 mm</td>
<td>390 mm</td>
<td>532 mm</td>
</tr>
<tr>
<td>External Ø</td>
<td>395 mm</td>
<td>395 mm</td>
<td>408 mm</td>
<td>408 mm</td>
<td>408 mm</td>
</tr>
</tbody>
</table>

SÜDEX Variotainer, Ø 408 mm, Content 66 - 110 Litres

<table>
<thead>
<tr>
<th>Content</th>
<th>66 l</th>
<th>85 l</th>
<th>110 l</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height</td>
<td>664 mm</td>
<td>820 mm</td>
<td>1,027 mm</td>
</tr>
<tr>
<td>External Ø</td>
<td>408 mm</td>
<td>408 mm</td>
<td>408 mm</td>
</tr>
</tbody>
</table>
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

<table>
<thead>
<tr>
<th>Filling</th>
<th>Polyurethane (PU)-coated ion exchangers</th>
<th>ECO ion exchangers in stainless steel with PP top and bottom rings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transponder</td>
<td>can be integrated into the coating</td>
<td>can be installed in the top ring (pouch)</td>
</tr>
<tr>
<td>Safety</td>
<td>Safety bursting point</td>
<td>Safety bursting point</td>
</tr>
<tr>
<td>Branding</td>
<td>In-mould labelling and complete colouring</td>
<td>Painting, electrochemical signing</td>
</tr>
<tr>
<td>Handling</td>
<td>Ergonomic handling grips</td>
<td>Ergonomic handling grips</td>
</tr>
<tr>
<td>Special features</td>
<td>Impact resistant coating</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>
<td>e.g. variations in colour and technical features</td>
</tr>
<tr>
<td>Storage</td>
<td>stackable</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 239</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>

<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>560</td>
</tr>
<tr>
<td>40,2 l</td>
<td>703</td>
</tr>
<tr>
<td>46,2 l</td>
<td>703</td>
</tr>
<tr>
<td>50,0 l</td>
<td>1,029</td>
</tr>
<tr>
<td>58,7 l</td>
<td>1,029</td>
</tr>
<tr>
<td>85,0 l</td>
<td>1,171</td>
</tr>
<tr>
<td>115,0 l</td>
<td>1,171</td>
</tr>
<tr>
<td>50,0 l</td>
<td>612</td>
</tr>
<tr>
<td>58,7 l</td>
<td>612</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
XII. Contacts
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.

Sales Divisional Management
Christof Ermert
Authorized signatory
Sales Director
Tel.: +49 (0) 2735 787-578
Fax: +49 (0) 2735 787-580
Mobile: +49 (0) 160 97218799
E-Mail: cermert@schaefer-container-systems.de

Sales
Zippora Kringe
Management Back Office Sales
Tel.: +49 (0) 2735 787-625
Fax: +49 (0) 2735 787-580
E-Mail: zkringe@schaefer-container-systems.de

Sophie Brombach
Back Office Sales
Tel.: +49 (0) 2735 787-508
Fax: +49 (0) 2735 787-580
E-Mail: sbrombach@schaefer-container-systems.de

Tobias Fuchs
Technical Sales
Tel.: +49 (0) 2735 787-576
Fax: +49 (0) 2735 787-580
E-Mail: tfuchs@schaefer-container-systems.de

International Representations and Partners

BENELUX
Erik Slobben
JM.E. Technische Handelsonderneming B.V.
Kluisstraat 69
8271 XG IJsselmuiden
Niederlande
Tel.: +31 85 105 47 90
Mobile: +31 6 222 50 67 80
E-Mail: office@jme-bv.com
www.jme-bv.com

Spain
Marck Manich
Manich-Ylla, s.a. Ingenieros
C/Ausiàs March 47
08010 Barcelona
Spain
Tel.: +34 932478890
Fax: +34 932478891
E-Mail: ingenieros@manich-ylla.com
www.manich-ylla.com

Czech Republic/Slovak Republic
Jiří Souček
SCHÄFER SUDEX s.r.o.
Podbíl 5
58401 Ledeč nad Sázavou
Czech Republic
Tel.: +420 727 825 198
Fax: +420 569 711-271
E-Mail: jpolas@schaefer-sudex.cz

Slovenia/Croatia
Rok Debeltjak
35 d.o.o.
Tivoljska cesta 50
SI-1000 Ljubljana
Slovenia
Tel.: +386 59 016 906
Fax: +386 1 430 41 69
E-Mail: rok.debeljak@tris.si
www.tris.si

Poland
Dorota Zgaj
KEG SERVIS
UL. Walowa 3
51-523 Wroclaw
Poland
Tel./Fax: +48 717 351 655
Mobil: +48 784 432 144
E-Mail: dorota.zgaj@keg-service.pl

Great Britain/Ireland
Laurence Griffiths
Wheelwrights
West Street, Great Wishford
Salisbury, Wilshire, SP2 0PQ
United Kingdom
Tel.: +44 1722 792792
E-Mail: info@bccontainers.co.uk
www.bccontainers.co.uk

Switzerland/Austria/Liechtenstein
Philippe Zenhäusern
Schibli Handels AG
Hegglistraße 13
6373 Ennetbürgen
Switzerland
Tel.: +41 41624 400
Fax: +41 41624 405
E-Mail: info@schiblihandelsag.ch
www.schiblihandelsag.ch

USA
Richard Winslow
SCHÄFER Container Systems North America Inc.
5275 Westgate drive, Ste. D
Atlanta, GA 30336
USA
Tel.: +1 404 349 4524
Fax: +1 404 349 4526
E-Mail: rwinslow@schaefer-container-systems.us

Ramon E. Conte
Liquid IBC Systems LLC
35 Righter Road
Randolph, NJ 07869
USA
Tel.: +1 973 658 5200
Fax: +1 973 422 1874
E-Mail: ramon.conte@liquid-ibc.com
www.liquid-ibc.com

Tobigd Bauer
Back Office Sales and accessories organization
Tel.: +49 (0) 2735 787-596
Fax: +49 (0) 2735 787-580
E-Mail: bbauer@schaefer-container-systems.de
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 co-operation 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

Head office and production site at Neunkirchen (D)

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.