## Your specialists for standard and special containers in stainless steel





www.schaefer-container-systems.com





### SCHÄFER WERKE – Expertise in steel processing

Within the SCHÄFER Group, **SCHÄFER WERKE** are the specialists for the development, manufacture and sale of fine 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. At SCHÄFER, it's not a question of one thing or the other.

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 fine steel sheet, can provide the coils, slit strips, cut-to-size sheets and formats required for further processing in very high quality and at very short notice.

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** develop and manufacture 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.



**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.

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.





### 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



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

I.	SCHÄFER Container Systems The container experts
II.	<b>BTA Tank Containers</b> For liquids
III.	<b>RCN Round Containers</b> For liquids
IV.	<b>BSI Silo Containers</b> For bulk materials
V.	<b>BSIF Silo Containers</b> For liquids
VI.	Heatable Containers



Production plant Ledeč nad Sázavou (CZ)

#### 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.



Quality

4

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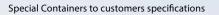
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Consulting





Heatable Containers RCB





Tank Containers BTA and Round Containers RCN

### 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 tailormade 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.



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-containersystems.com





#### Ш. **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

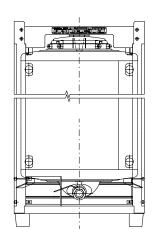
Basic size: 1,215 x 1,015 mm, or alternatively 1,200 x 1,000 mm

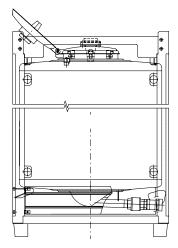
#### Other types on request

Туре	Volume (litres)	Height (mm)
BTA 4251)	425	1,000
BTA 5001)	500	1,080
BTA 6001)	600	1,150
BTA 7001)	700	1,250
BTA 8001)	800	1,350
BTA 9001)	900	1,450
BTA 1,0001)	1,000	1,550
BTA 1,1002)	1,130	1,650
BTA 1,2502)	1,280	1,800
BTA 1,5002)	1,530	2,050

<sup>1)</sup> Max. density of filling substances 2.1 kg/l

<sup>2)</sup> Max. density of filling substances 1.5 kg/l







### 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)

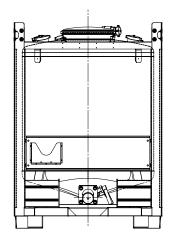
#### Optional

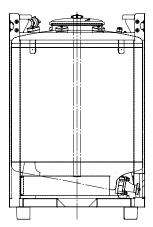
- Stirring device
- Insulation
- Liquid level measurement
- Internal anti-corrosion coating

#### Dimensions

Basic size 1,200 x 1,100 mm

Туре		Height (mm)
RCN	500	1,100
RCN	600	1,210
RCN	700	1,320
RCN	800	1,440
RCN	900	1,550
RCN	1,000	1,670







## Reusable container solutions in stainless steel for bulk materials

#### 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

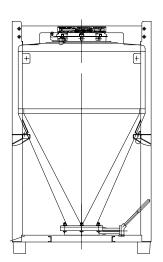
Metal intermediate bulk container (IBC), code 31A, for land and sea transport of hazardous liquid materials of packaging groups II and III, max. bulk density of the filling goods is 1.83 kg/l. The design fulfils the test requirements for IBCs for the transport of dangerous materials contained in the following international standards:

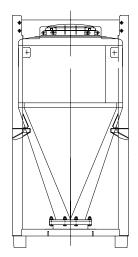
- European Agreement on the International Carriage of Dangerous Goods by Road (ADR)
- Regulations for the International Carriage of Dangerous Goods by Rail (RID)
- International Maritime Dangerous Goods Code (IMDG Code)
- United Nations Recommendations on the transport of dangerous goods (UN)

#### Dimensions

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

Туре	Volume (litres)	Height (mm) 30°	Height (mm) 45°	Height (mm) 60°
BSI 550	550	1,200	1,340	1,580
BSI 650	650	1,300	1,440	1,680
BSI 800	800	1,450	1,590	1,830
BSI 1,000	1,000	1,650	1,790	2,030







#### 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

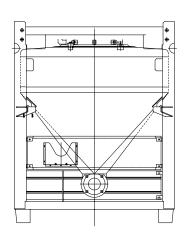
Metal intermediate bulk container (IBC), code 31A, for land and sea transport of hazardous liquid materials of packaging groups II and III, max. bulk density of the filling goods is 1.83 kg/l. The design fulfils the test requirements for IBCs for the transport of dangerous materials contained in the following international standards:

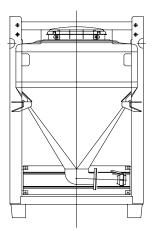
- European Agreement on the International Carriage of Dangerous Goods by Road (ADR)
- Regulations for the International Carriage of Dangerous Goods by Rail (RID)
- International Maritime Dangerous Goods Code (IMDG Code)
- United Nations Recommendations on the transport of dangerous goods (UN)

#### Dimensions

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

Туре	Volume (litres)	Height (mm) 30°	Height (mm) 45°
BSIF 465	502	1.200	-
BSIF 550	550	1.350	1.480
BSIF 650	650	1.450	1.580
BSIF 800	800	1.600	1.730
BSIF 900	900	1.700	-
BSIF 1.000	1.000	1.800	1.930







#### VI. Heatable Containers

## Heated container solutions in stainless steel for liquid products

#### Applications

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

#### 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



Operator friendly touch panel for heater control

#### Dimensions

Basic size 1,200 x 1,100 mm

Туре	Volumes (litres)	Height (mm)
RCB 500	500	1,100
RCB 600	600	1,210
RCB 700	700	1,320
RCB 800	800	1,440
RCB 1.000	1,000	1,670

#### **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

#### Standard temperature regulation

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

#### Additional equipment: temperature regulation by touch panel

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

#### Dimensions

Basic size 1,240 x 835 mm

Тур	Volumen (Liter)	Höhe (mm)
CHB 500	500	1,245
CHB 600	600	1,360
CHB 700	700	1,475
CHB 800	800	1,590
CHB 1.000	1,000	1,820



#### VII. SLC Aseptic Containers

## Reusable stainless steel container 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 / 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

#### **Transport frame**

Profile frame or tube frame

#### Equipment

Manhole cover with pressure relief valve (TÜV approved ) and DN 6.5 or DN 12  $CO_2$  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
- Complies with Regulation (EC) No. 1935/2004

#### 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



Bolt cover



Bayonet ring cover



Stirring device



Heating or cooling shell

#### Dimensions of profile frame

Other types on request

Diameter(mm)			800	1,0	000		
Angled slopes 1)		30°	30°	45°			
Тур	e	Volume (l)	Height (mm)				
SLC	500	500	1,515	1,270	1,490		
SLC	600	600	1,715	1,400	1,615		
SLC	700	700	1,915	1,530	1,745		
SLC	800	800	2,115	1,650	1,850		
SLC	900	900	-	1,770	2,000		
SLC	1,000	1,000	-	1,830	2,125		

#### Dimensions of tube frame

Other types on request

Diameter (mm)		800	1,0	000	
Angled slopes <sup>1)</sup>		30°	<b>30°</b>	45°	
Type Volume (l)		Height (mm)			
SLC	500	500	1,518	1,230	1,520
SLC	600	600	1,718	1,340	1,650
SLC	700	700	1,918	1,470	1,775
SLC	800	800	2,118	1,600	1,900
SLC	900	900	-	1,725	2,030
SLC	1,000	1,000	-	1,810	2,135

<sup>1)</sup> Angled slopes drain hopper



#### VIII. Brewery Tanks

## Stainless steel containers for the beverages industry

#### Application

In the beverage and brewery sector

As fermenting, storage or transport tanks









Thermometer

Sample-taking tap

DN 50 bung pressure valve

Heating or cooling shell

#### **Brewery tanks**

Other types available on request

	Fermenting tank	Storage tank	Transport tank
Material	1.4301	1.4301	1.4301
Volume	1,000 – 5,000 L	1,000 – 5,000 L	1,000 L
Diameters	1,000 – 1,700 mm	1,000 – 1,700 mm	800 mm / 1,000 mm
Pressure	1.5 bar	1.5 bar	2.0 bar
Approvals	CE Mark in acc. with Pressure Equipment Directive 97/23	CE Mark in acc. with Pressure Equipment Directive 97/23	CE Mark in acc. with Pressure Equipment Directive 97/23
Equipment	Tap for sample taking, thermometer, valves	Tap for sample taking, thermometer, bung pressure valve, valves	Manhole with DN screwed cover, DN 400, pressure relief valve
Cooling	standard	optional	optional
Insulation	standard	optional	optional





#### IX. Hazardous Goods Containers

## Containers 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

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

Content	101 151 201		221	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	201 221 301		33 I	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

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

Content	10 I	15 l	20
Height	326 mm	443 mm	560 mm
External Ø	239 mm	239 mm	239 mm

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

Content	22	33	50 l
Height	337 mm	445 mm	612 mm
External Ø	372 mm	372 mm	372 mm

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

Content	20	221	30 l	33 I	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 395/408 mm, Content 66 - 110 Litres

Content	ntent 66 l		110 l		
Height	664 mm	820 mm	1027 mm		
External Ø	408 mm	408 mm	408 mm		



#### X. Ion Exchangers

### lon exchanger for regenerable resin mixtures

#### Application

 Water processing (de-ionisation, radiator filling, supplying industrial dish washing and coffee machines, laboratory technology)

#### lon exchangers as

#### polyurethane (PU)-coated stainless steel containers

- Material: stainless steel 1.4571 (standard) or 1.4301
- Equipment: stainless steel filling and emptying system, or as an alternative, the innovative MONOBLOC system is available in a robust plastic design
- Safety bursting point
- Branding options: in-mould labelling and completely coloured
- Stackable
- Shock absorber effect
- Noise reduction
- Ergonomic handling
- Foam-sealed transponder

#### Filling and emptying system

MONOBLOC







### Stainless steel ion exchangers with top and bottom rings in PP

- Material: stainless steel 1.4571 (standard) or 1.4301
- Equipment: stainless steel filling and emptying system, or as an alternative, the innovative MONOBLOC system is available in a robust plastic design
- Safety bursting point
- Coloured, replaceable top and bottom rings in polypropylene (PP)
- Branding options: embossing, silk-screening, labelling, painting
- Stackable
- Shock absorber effect due to PP top and bottom rings
- Transponder can be installed in top ring (pouch)

#### Standard

Standard oval





- Neck RD 58 x ½"
- 2 necks G ¾″

Content 10 - 46 L

- RD 58 ½ plug with G ¼ venting screw
- 2 G ¾ double nipples
- One filling and drainage pipe each with nylon fabric

SCHÄFER stainless steel ion exchanger with PP rings,

#### SCHÄFER PU-coated ion exchanger, Content 10 - 50 I

Content	10	15 l	201	50 l	Content	10 l	15 l	201	26 l	40 l
Height	326 mm	443 mm	560 mm	612 mm	Height	326 mm	445 mm	562 mm	699 mm	1,023 mm
External Ø	239 mm	239 mm	239 mm	372 mm	External Ø	239 mm				

**46 l** 1,164 mm 239 mm



#### 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-sytems.de





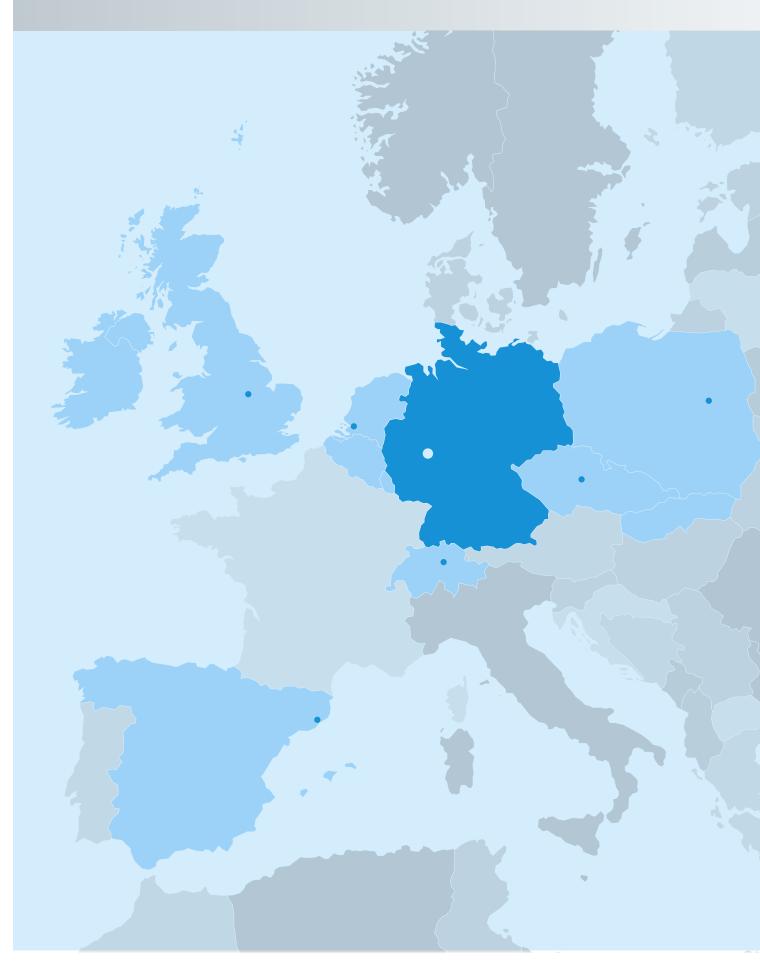


#### XI. Special Containers

## Individual designs tailored perfectly to fit precise requirements







### Individual consulting

If you would like 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**

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### **Our Production locations**



Head office and production site at Neunkirchen (D)





Plant Betzdorf (D)

Plant Ledeč nad Sázavou (CZ)

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.





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