

# BSI Silo Container

Reusable stainless steel container  
for bulk materials



[IBCcontainers.co.uk](http://IBCcontainers.co.uk)

tel: 01664 464227

email: [info@ibccontainers.co.uk](mailto:info@ibccontainers.co.uk)

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## Design features

### Tank material:

Stainless steel 304 304L 316 316L 316Ti 321

### Wall thicknesses:

2.0 mm or 2.5 mm for the top, shell and hopper

### Manhole:

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

### Hopper:

30°, 45° or 60° angled slopes (other angles possible),  
outlet diameter NW 150 or NW 250

### Seals:

According to customer requirements and/or application

### Transport frame:

Galvanised or stainless steel, sprayed on request (stackable, suitable handling by crane and all other pallet lifting equipment)

### Equipment:

- Aeration and de-aeration vents in the top
- Butterfly-valves, flat slide-valve
- Stacking frame, stackable at least 5 high

### Application

Chemicals/petrochemicals, food industry, construction industry, plant construction

### Approval:

As a metal intermediate bulk container (IBC), code 11A, for land and sea transport of hazardous liquid materials of packaging groups II and III. Max. bulk density of the filling goods is 1.8 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)

### Special designs:

- Model with vibrator to facilitate discharge
- Dosing system

## Dimensions

Basic size 1215 x 1015, height in mm for outlet diameter NW 250

Type	Volume (litres)*	Height (mm)		
		30°	45°	60°
BSI 550	550	1200	1340	1580
BSI 650	650	1300	1440	1680
BSI 800	800	1450	1590	1830
BSI 1000	1000	1650	1790	2030

\* Other volumes possible

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### Product range:

- Tank Containers
- Round Containers
- Silo Containers
- Customized Containers

SCHÄFER WERKE GMBH

P.O. Box 1120 · D-57272 Neunkirchen

Phone +49 / 2735 / 787-578 · Fax +49 / 2735 / 787-580

E-Mail: [ibc@schaefer-container-systems.de](mailto:ibc@schaefer-container-systems.de)

Internet: [www.schaefer-container-systems.de](http://www.schaefer-container-systems.de)

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