



Operating Instructions

- Tilting swarf container -



Original Operating Instructions

Tilting swarf container

Type GU/GU-H/GU-RZ, SGU/SGU-H/SGU-RZ, MGU/SMGU



Bauer Südlohn GmbH
Eichendorffstr. 62
D-46354 Südlohn
Tel.: +49 2862 709 – 0
Fax: +49 2862 709 – 156
Email: info@bauer-suedlohn.de

www.bauer-suedlohn.de
www.geotainer.com

Operating Instructions

- Tilting swarf container -



Copyright

The operating instructions are protected by copyright for Bauer Südlohn GmbH. They are intended for maintenance and operating personnel. The text, images and drawings of a technical nature they contain may not be

- duplicated,
- distributed,
- used without authorisation for other purposes or shared with others, either in full or in part.

Any further use requires the prior written permission of Bauer Südlohn GmbH. Sec. 106 of the German Copyright Act (UrhG – Gesetz über Urheberrecht und verwandte Schutzrechte) applies in cases of violation. All misuse is punishable.

Internal use is permitted for the operator of the machine in connection with the operation of the machine.

© Bauer GmbH 2018

History

V 1.4	20/06/2018	Supplemented with (S)MGU/(S)GU-RZ	BKL
V 1.3	20/02/2018	Customer version	BKL
V 1.2	31/01/2018	Customer version	BKL
V 1.1	30/11/2017	Customer version	BKL
V 1.0	20/11/2017	Customer version	BKL
V 0.0	27/03/2017	First created	BKL, cesitec GmbH, Bochumer Str. 217, 45886 Gelsenkirchen, Tel.: 0209 15519 104
Version	Date	Reason for/scope of the revision	Person responsible

Operating Instructions

- Tilting swarf container -



Table of contents

	Page
1 Basic information.....	4
1.1 Information on the operating instructions.....	4
1.2 Abbreviations, symbols and technical terms.....	4
1.3 Conformity / standards and guidelines.....	5
1.4 Warranty and liability.....	5
2 Safety by the machine	5
2.1 Definitions.....	5
2.2 Warnings, symbols and markings.....	6
2.3 Working safely with the machine	7
3 Description of the Tilting swarf container	10
3.1 Intended use.....	10
3.2 Improper use	10
3.3 Structure, function and operating modes.....	11
3.4 Operating materials and media supply	15
3.5 Technical data	15
3.6 Machine marking	17
4 Setup and commissioning.....	18
5 Operation.....	18
5.1 Safety notes	18
5.2 Transport Tilting swarf container with the forklift.....	19
5.3 Transport the hydraulic tilting swarf container with the forklift.....	21
5.4 Container transport by crane (all types).....	23
5.5 Adjust tilting speed.....	24
6 Troubleshooting and fault elimination.....	24
6.1 Safety.....	24
6.2 Characteristic faults and elimination of them by the operator	24
7 Servicing	25
7.1 Safety.....	25
7.2 Maintenance.....	25
7.3 Repair.....	25
8 Decommissioning, disassembly and disposal	26
9 Spare parts list.....	26
10 Appendix	26
10.1 Declaration of conformity	26

Operating Instructions

- Tilting swarf container -



1 Basic information

1.1 Information on the operating instructions

- It is necessary to read through the operating instructions carefully before starting any work and store them in the immediate vicinity of the system, accessible to the authorised personnel at all times. The operator of the machine determines who is authorised as a user.
- The operating instructions provide information about:
 - description of the dangers and instructions for safe handling of the machine,
 - the intended use,
 - the structure and description of the components,
 - the functionality of the machine,
 - measures to establish operational readiness and operational safety,
 - the operation of the machine,
 - the maintenance and testing of the machine.
- They are a component of the machine and therefore must be supplied with the machine.
- For better explanation, illustrations may be shown not to scale and differ from the actual model.

1.2 Abbreviations, symbols and technical terms



Note/tip

The Note symbol is used to identify information on operation of the machine and provides useful tips and recommendations, as well as information for efficient, economical, fault-free operation.

The following abbreviations are used in these operating instructions:

Abbreviation	Meaning
Bauer	Bauer Südlohn GmbH
PPE	Personal protective equipment
Container	Tilting swarf container

The following design elements are used in these operating instructions:

Symbol	Meaning
(1)	Numbered action steps
⇒	Result after performing action steps
\$	Enumeration
-	Enumeration, subgroup
<i>Italic text</i>	Identifies preconditions that must be met before an action description.

Warnings are shown as follows in these operating instructions:

Each signal word is highlighted in a background colour (red, orange or yellow) according to the degree of risk of the hazardous situation.

Operating Instructions

- Tilting swarf container -



Warning
symbol
opt. PPE
symbol(s)

SIGNAL WORD!

Nature, source and cause of a danger

Consequences of non-compliance

- Measures to prevent the danger; prohibitions

1.3 **Conformity / standards and guidelines**

The present machine has been designed and built according to the state of the art and the recognised rules of safety technology. Conformity of the machine with the EU guidelines and standards is confirmed through the CE declaration.

1.4 **Warranty and liability**



Note

Conformity in accordance with the Machinery Directive 2006/42/EC and the CE marking in accordance with the Machinery Directive 2006/42/EC become invalid if unauthorised alterations of the components or their assemblies are made.

The manufacturer assumes no liability for damage due to failure to follow these operating instructions.

2 **Safety by the machine**



Note

The present machine has been designed and built according to the state of the art and the recognised rules of safety technology. Nonetheless, dangers to the life and limb of the user or third parties or negative effects on the machine or other property can occur during use.

2.1 **Definitions**

2.1.1 **Warning**

A warning is used to warn of a situation that can lead to injury or death.

2.1.2 **Personal protective equipment (PPE)**

If personal protective equipment (PPE) is required to be worn, this is indicated through additional symbols in the warnings of these operating instructions and the product safety labels/safety signs on the machine.

Operating Instructions

- Tilting swarf container -



2.2 Warnings, symbols and markings

2.2.1 Understand warnings



DANGER!

... refers to a dangerous situation with a high degree of risk that will lead to death or serious injury if not prevented.



WARNING!

... refers to a dangerous situation with a medium degree of risk that could lead to death or serious injury if not prevented.



CAUTION!

... refers to a dangerous situation with a low degree of risk that could lead to slight or moderate injury if not prevented.



ATTENTION

... refers to a possibly dangerous situation that can lead to property damage if not prevented.

2.2.2 Understand warning symbols

The following symbols can be used in the operating instructions according to the type of danger:



General warning of danger!



Warning: suspended load!



Warning: crushing hazard!



Warning: hand injury!

Operating Instructions

- Tilting swarf container -



Warning: obstacles on the floor!

2.2.3 Personal protective equipment symbols

The following symbols can be used in the operating instructions according to the area of use:



Wear helmet!



Wear hearing protection!



Use hand protection!



Wear safety shoes!

2.2.4 Other markings



Note attachment points!

2.3 Working safely with the machine

The following section “Basic warnings and safety notes” deals with all warnings and safety notes for all stages of the machine’s life cycle. Warnings that are associated directly with an activity are an exception to this.

2.3.1 Basic warnings and safety notes

Local accident prevention regulations must be applied to all work on the machine.

Persons involved with the machine must be older than 18 years of age and familiar with the functionality of the machine and the dangers arising from the machine.

Operating Instructions

- Tilting swarf container -



⚠ DANGER!

Risk of fatal injury and various risks of injury

Besides the safety notes in these operating instructions, the safety notes in the operating instructions of the supplier must be observed!



⚠ DANGER!

Unauthorised alterations of the tilting swarf container can endanger safe operation! This will lead to risk of fatal injury or various risks of injury!

Making unauthorised alterations to the machine such as the following without permission of Bauer is prohibited:

- Design changes
- Modifications of the protective/safety equipment
- Changing operating materials



⚠ WARNING!

Tilting containers that are stacked on top of each other can tip over!

Risk of fatal injury and crushing hazard due to tilting containers tipping over.

- The tilting containers must not be stacked.



⚠ WARNING!

Insufficient lighting or visibility.

Danger of various types of injury.

- The operator is responsible for sufficient lighting in the working and transport areas!
- Operation of the container with insufficient lighting or visibility (fog) is prohibited.



⚠ WARNING!

For additional purchased components, the manufacturer's indications must be observed!



⚠ CAUTION!

Risk of injury due to slipping, tripping and falling!

- Do not leave any materials or tools lying on walkways or driveways.
- Immediately absorb/remove oil and other materials that encourage slipping in walkway areas; use oil binding agents.

2.3.2 Recognise safety technology protective equipment

On the basis of the risk assessment of the machine, a safety chain is integrated in order to ensure safe work with the machine.

Operating Instructions

- Tilting swarf container -



⚠ DANGER!

Unintentional falling/toppling of the container!

Various risks of injury due to material tipping out/toppling container.

- Always connect the fastening chain to the carrier before lifting the container.
- Remove the locking ring just before the tipping process.

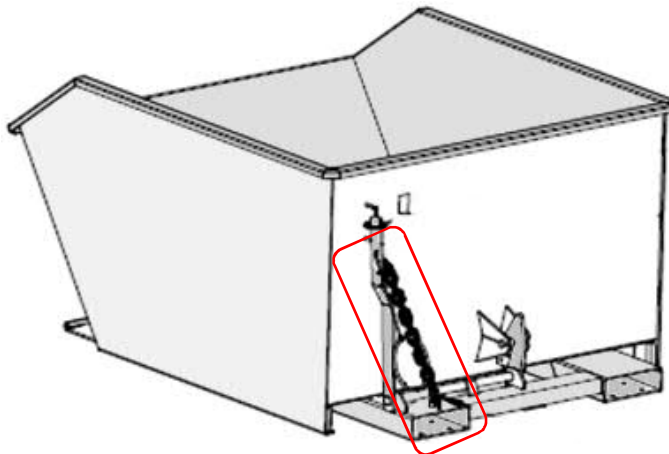


Fig. 2-1: Safety chain on the Tilting swarf container

2.3.3 Signage on the Tilting swarf container

Warning symbols/product safety labels are attached to the danger points of the machine according to the following overview.

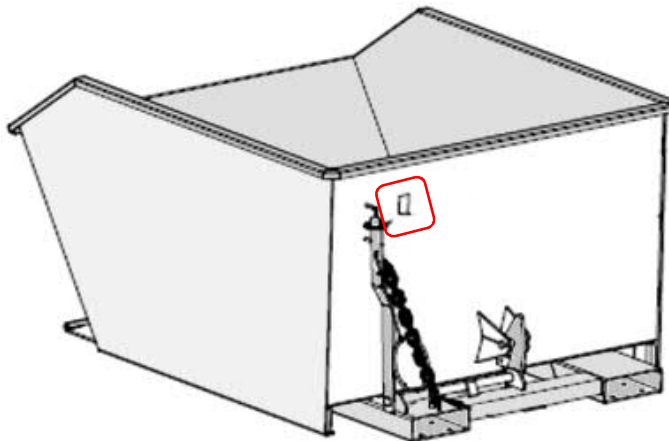


Fig. 2-2: Position of the warning symbols/product safety labels

Operating Instructions

- Tilting swarf container -



3 Description of the Tilting swarf container

3.1 Intended use

The Tilting swarf container is exclusively for gathering loose materials in a basin. Support from a ground-level transport vehicle (forklift) is required for transport and unloading.

The corresponding optional additional equipment for the Tilting swarf container is for lifting and moving with a crane or for transport with a towing device.

The tilt brake functions as an adjustable traction damper when tilting the container.

The Tilting swarf container is to be used exclusively within the performance limits listed in section 3.5 "Technical data".

3.2 Improper use

Improper use includes in particular:

- Any use other than the use of the machine described as "Intended use" in sec. 3.1 and further sections of these operating instructions without written permission of the manufacturer.
- Use, installation, operation, maintenance or repair other than as described.
- Work performed by unqualified personnel.
- Use of unapproved, inappropriate accessories.
- Failure to follow safety and operating instructions, occupational safety and accident prevention regulations or applicable statutory regulations.
- Failure to eliminate faults in a timely fashion that could negatively impact safety.
- Use of parts other than the original spare parts or accessory items.
- Operating the machine with incomplete safety equipment.
- Operation with a forklift or the like as a "lifting platform".
- Transport of persons in the tilting container.
- Use of the tilting container in its tilted state as a "shovel".
- Operation of the tilting container in potentially explosive areas.

Operating Instructions

- Tilting swarf container -



3.3 Structure, function and operating modes

3.3.1 Overview of Tilting swarf container GU/SGU

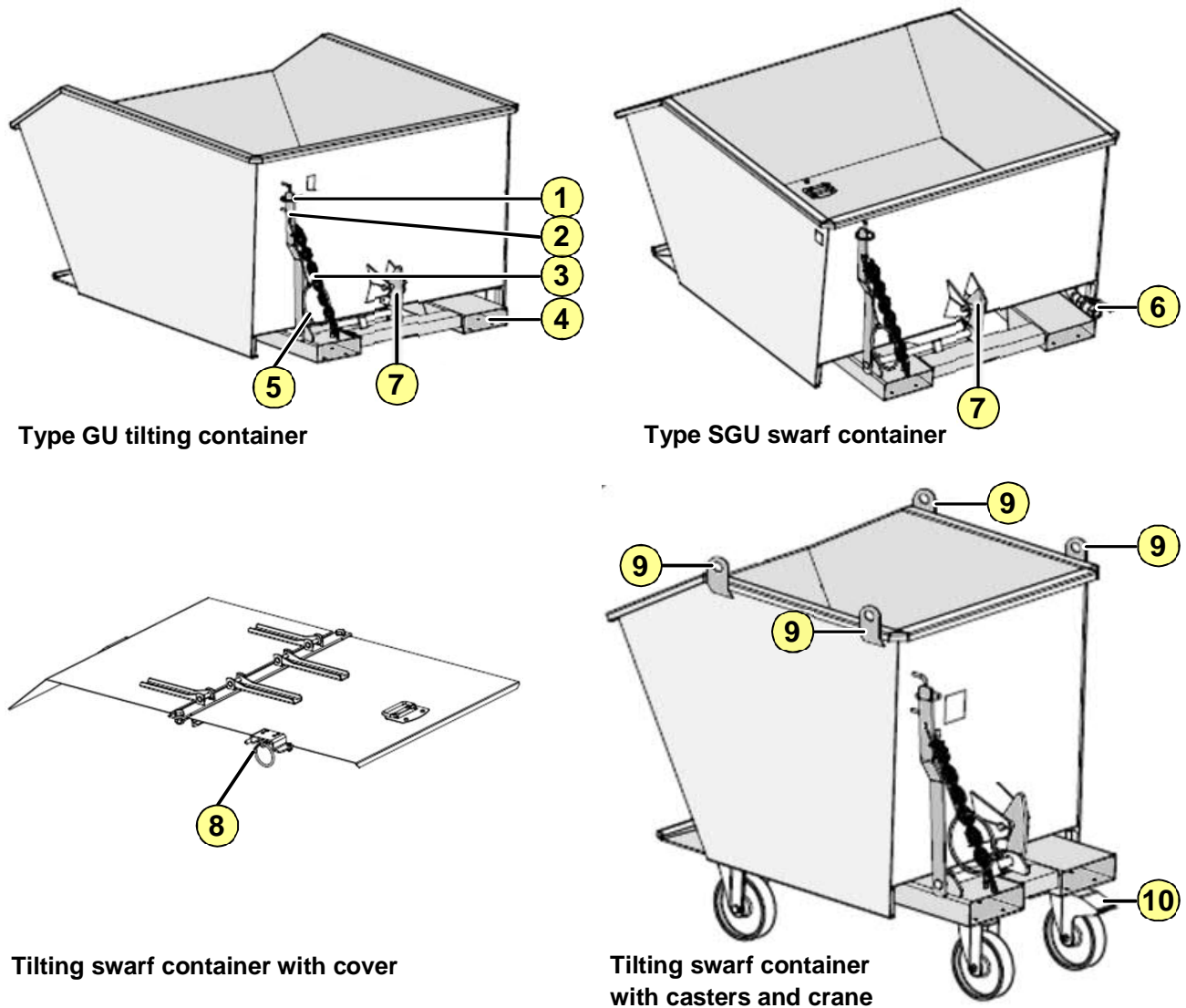


Fig. 3-1: Tilting swarf container GU/SGU assemblies

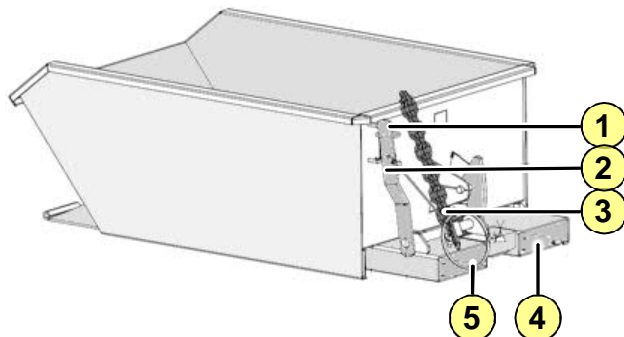
Item	Description
1	Locking ring
2	Release lever
3	Fastening chain
4	Fork pocket
5	Operating cable
6	Drain cock (type SGU swarf container)
7	Locking hook
8	Cover locking mechanism (cover is optional)
9	Crane lugs (optional)
10	Caster with lock (casters are optional)
	Tilt brake (optional), not visible in the graphic, types GU/GU-RZ, SGU/SGU-RZ

Operating Instructions

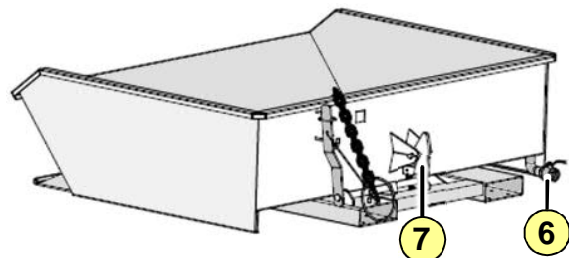
- Tilting swarf container -



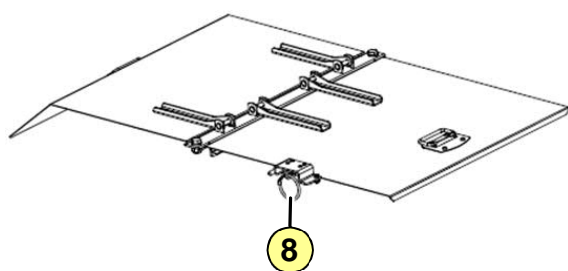
3.3.2 Overview of mini tilting container MGU/SMGU



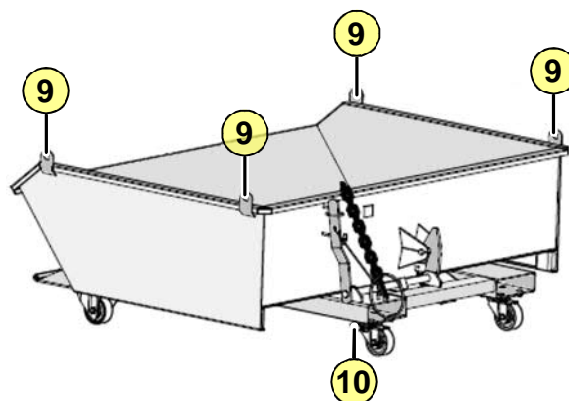
Type MGU mini tilting container



Type SMGU mini swarf container



Cover for mini tilting container and mini swarf container



Mini tilting container and mini swarf container

Fig. 3-2: Tilting swarf container MGU/SMGU assemblies

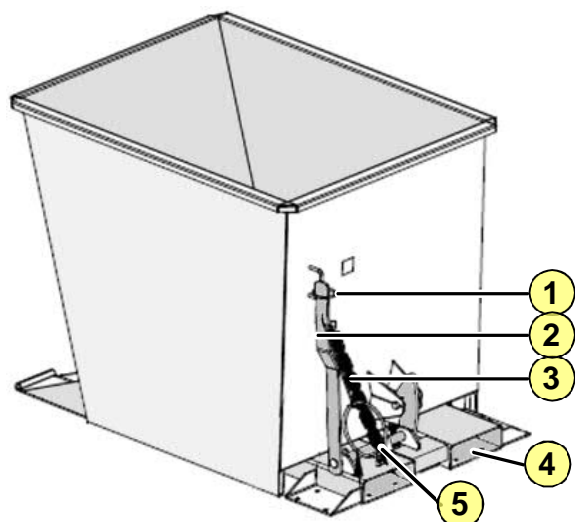
Item	Description
1	Locking ring
2	Release lever
3	Fastening chain
4	Fork pocket
5	Operating cable
6	Drain cock (type SGU swarf container)
7	Locking hook
8	Cover locking mechanism (cover is optional)
9	Crane lugs (optional)
10	Caster with lock (casters are optional)
	Tilt brake (optional), not visible in the graphic

Operating Instructions

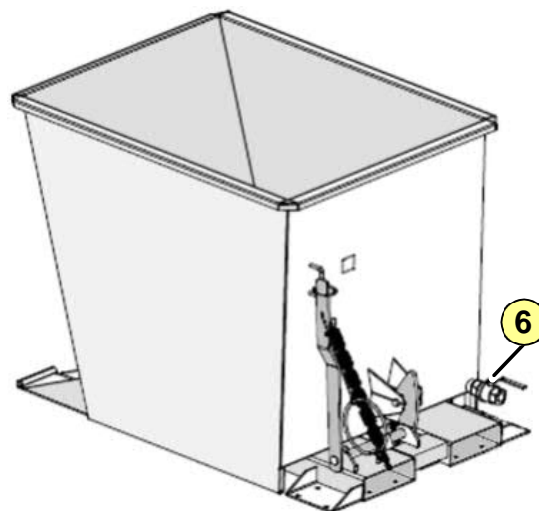
- Tilting swarf container -



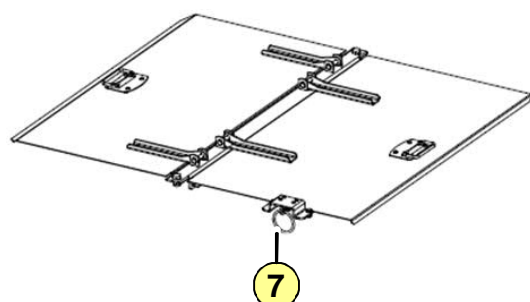
3.3.3 Overview of Tilting swarf container GU-RZ, SGU-RZ



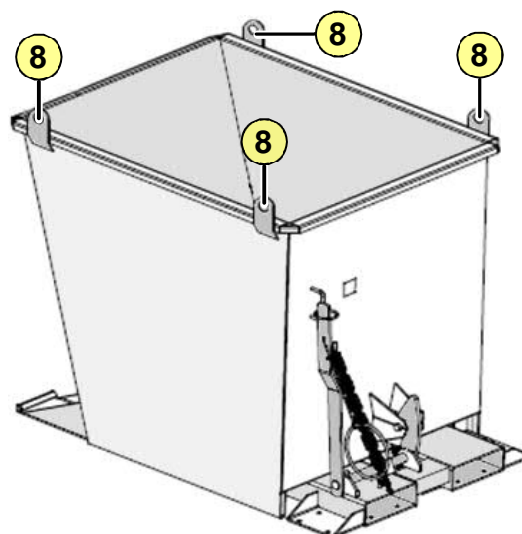
Type GU-RZ tilting container



Type SGU-RZ swarf container



Tilting swarf container cover



Tilting swarf container with crane lugs

Fig. 3-3: Tilting swarf container GU-RZ, SGU-RZ assemblies

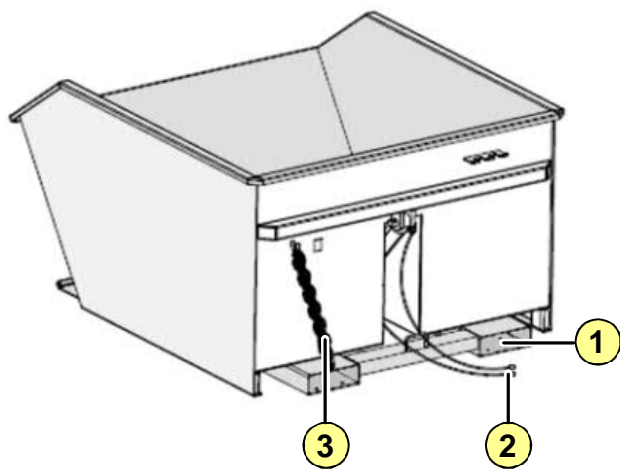
Item	Description
1	Locking ring
2	Release lever
3	Fastening chain
4	Fork pocket
5	Operating cable
6	Drain cock (type SGU swarf container)
7	Cover locking mechanism (cover is optional)
8	Crane lugs (optional)
	Tilt brake (optional), not visible in the graphic (only GU-RZ55, SGU-RZ55)

Operating Instructions

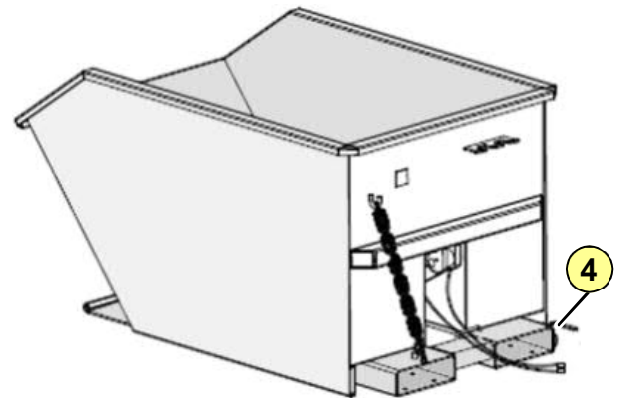
- Tilting swarf container -



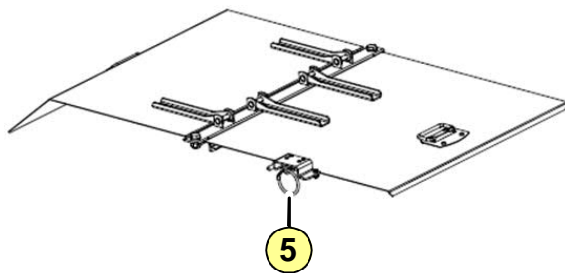
3.3.4 Overview of Tilting swarf container GU-H, SGU-H (hydraulic)



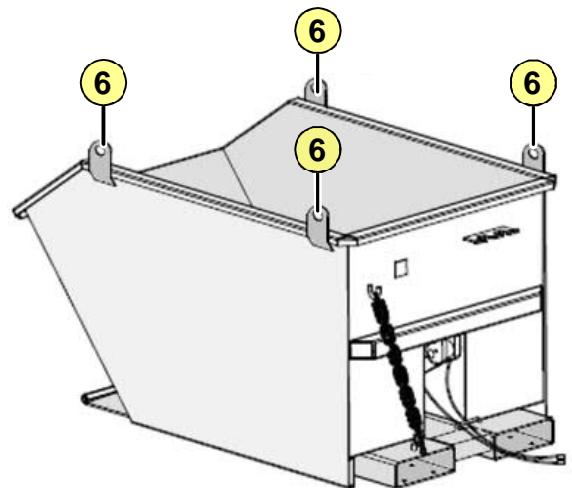
Type GU-H tilting container



Type SGU-H swarf container



Tilting swarf container cover



Tilting swarf container with crane lugs

Fig. 3-4: Tilting swarf container GU-H, SGU-H assemblies

Item	Description
1	Fork pocket
2	Hydraulic hoses
3	Fastening chain
4	Drain cock
5	Cover locking mechanism (cover is optional)
6	Crane lugs (optional)

Operating Instructions

- Tilting swarf container -



3.3.5 Operating modes

The following operating modes are defined:

Operating mode	Description
Loading	Filling with material; the container stands on the floor
Transport	Transporting the container

3.4 Operating materials and media supply

Operating materials and media such as electricity, hydraulic or pneumatic power supply are not necessary for operation.

3.5 Technical data

3.5.1 GU / GU-H tilting container

Dimensions	Type	GU 300	GU 500	GU 750	GU 1000	GU 1500	GU 2000
Length [mm]		1440	1440	1440	1640	1640	1640
Width [mm]		680	780	1280	1280	1280	1680
Height [mm]		580	680	680	780	1090	1090
Volume [m ³]		0.30	0.50	0.75	1.00	1.50	2.00
Weight							
Tare weight, painted / galvanised [kg]		93 / 100	111 / 120	139 / 150	184 / 202	215 / 236	244 / 268
Load-bearing capacity [kg]		750	1000	1000	1500	1500	1500
Environmental conditions							
Permissible ambient temperature		-20°C to max. 40°C					

Dimensions	Type	GU-H 500	GU-H 750	GU-H 1000	GU-H 1500	GU-H 2000
Length [mm]		1330	1330	1530	1530	1530
Width [mm]		780	1280	1280	1280	1680
Height [mm]		680	680	780	1090	1090
Volume [m ³]		0.50	0.75	1.00	1.50	2.00
Weight						
Tare weight, painted / galvanised [kg]		130 / 140	157 / 170	208 / 224	238 / 255	271 / 292
Load-bearing capacity [kg]		1000	1000	1500	1500	1500
Environmental conditions						
Permissible ambient temperature		-20°C to max. 40°C				

Operating Instructions

- Tilting swarf container -



3.5.2 SGU / SGU-H tilting container

Dimensions	Type	SGU 30	SGU 50	SGU 75	SGU 100	SGU 150	SGU 200
Length [mm]		1440	1440	1440	1640	1640	1640
Width [mm]		680	780	1280	1280	1280	1680
Height [mm]		580	680	680	780	1090	1090
Volume [m ³]		0.30	0.50	0.75	1.00	1.50	2.00
Weight							
Tare weight, painted / galvanised [kg]		112 / 121	130 / 140	169 / 182	220 / 237	250 / 270	287 / 308
Load-bearing capacity [kg]		750	1000	1000	1500	1500	1500
Environmental conditions							
Permissible ambient temperature		-20°C to max. 40°C					

Dimensions	Type	SGU-H 50	SGU-H 75	SGU-H 100	SGU-H 150	SGU-H 200
Length [mm]		1330	1330	1530	1530	1530
Width [mm]		780	1280	1280	1280	1680
Height [mm]		680	680	780	1090	1090
Volume [m ³]		0.50	0.75	1.00	1.50	2.00
Weight						
Tare weight, painted / galvanised [kg]		150 / 162	186 / 201	239 / 257	269 / 288	310 / 334
Load-bearing capacity [kg]		1000	1000	1500	1500	1500
Environmental conditions						
Permissible ambient temperature		-20°C to max. 40°C				

3.5.3 Tilting container GU-RZ/SGU-RZ

Dimensions	Type	GU-RZ 30	GU-RZ 55	SGU-RZ 30	SGU-RZ 55
Length [mm]		1230	1230	1230	1230
Width [mm]		875	875	875	875
Height [mm]		530	880	530	880
Volume [m ³]		0.30	0.55	0.30	0.55
Weight					
Tare weight, painted / galvanised [kg]		105/113	125/135	123/131	143/153
Load-bearing capacity [kg]		750	1000	750	1000
Environmental conditions					
Permissible ambient temperature		-20°C to max. 40°C			

Operating Instructions

- Tilting swarf container -



3.5.4 Tilting container MGU / SMGU

Dimensions	Type	MGU 230	MGU 270	MGU 460	MGU 610
Length [mm]		1385	1385	1385	1385
Width [mm]		680	780	1280	1680
Height [mm]		450	450	450	450
Volume [m ³]		0.23	0.27	0.46	0.61
Weight					
Tare weight, painted / galvanised [kg]		84 / 90	96 / 103	120 / 129	138 / 148
Load-bearing capacity [kg]		750	1000	1000	1000
Environmental conditions					
Permissible ambient temperature		-20°C to max. 40°C			

Dimensions	Type	SMGU 230	SMGU 270	SMGU 460	SMGU 610
Length [mm]		1385	1385	1385	1385
Width [mm]		680	780	1280	1680
Height [mm]		450	450	450	450
Volume [m ³]		0.23	0.27	0.46	0.61
Weight					
Tare weight, painted / galvanised [kg]		85 / 91	97 / 104	121 / 130	139 / 149
Load-bearing capacity [kg]		750	1000	1000	1000
Environmental conditions					
Permissible ambient temperature		-20°C to max. 40°C			

3.6 Machine marking



Note

The year of manufacture and the manufacturer's number can be found in the type plate of the Kasten-/Späneboxwagen. This data is not noted in the operating instructions.

The manufacturer's number is listed in the order.

Operating Instructions

- Tilting swarf container -



Typ	<input type="text"/>	ESP	<input type="text"/>
Herstell-Nr.	<input type="text"/>	LSP	<input type="text"/>
Baujahr	<input type="text"/>	Vorbaumaß	<input type="text"/>
Inhalt	<input type="text"/>	stapelbar	<input type="text"/>
Eigengewicht	<input type="text"/>	hydr. Druck min.	<input type="text"/>
Tragfähigkeit	<input type="text"/>	max.	<input type="text"/>
Achtung: Tragfähigkeit der Kombination von Flurförderzeug und Anbaugerät einhalten!			

Fig. 3-5: Tilting swarf container type plate

4 Setup and commissioning

The Tilting swarf container is delivered in completely assembled form, is ready for operation without special commissioning and can be transported with the specified lifting equipment (crane, forklift).

Before initial use, the operator checks whether the forklift attachment corresponds to the model ordered and that the scope of delivery is complete. A qualified person must perform a visual inspection as part of commissioning.

Tilt brake additional equipment: Function and tilting speed of tilt brake must be checked; adjust the speed with the adjustable throttle if necessary.

5 Operation

5.1 Safety notes



DANGER!

Persons in the transport and movement area of the container and forklift!

Risk of fatal injury and crushing hazard when transporting and tilting the container and due to the material being dumped.

- Never step underneath the raised container!
- Exercise particular caution when driving backwards.
- Only move the tilting container under direct visual supervision, even when driving backwards; the driving area must be completely visible!
- If unobstructed visibility is not possible, have a second person located outside the danger zone provide guidance.
- Before dumping, check whether it is possible to dump without danger and ensure that persons maintain a sufficient safe distance.
- Trigger the tilting operation **ONLY** with the pulling equipment provided for this purpose.

Operating Instructions

- Tilting swarf container -



⚠ DANGER!



Use of prohibited lifting equipment may cause container to fall!

Risk of fatal injury and crushing hazard in the movement area of the container.

- Crane transport is only allowed if the container is equipped with crane lugs (optional).
- For crane transport, only use permissible, undamaged lifting equipment and accessories with sufficient load-bearing capacity.
- For transport with a forklift, the forks must be inserted completely into the fork pockets.

⚠ DANGER!



Transport of persons in the tilting container!

Risk of fatal injury due to crashing and being hurled from the container.

- Transporting persons in the container is prohibited.

⚠ WARNING!



Permissible load-bearing capacity of the forklift and bearing surface is exceeded!

Risk of fatal injury and crushing hazard due to container and forklift tipping over.

- Observe the permissible load-bearing capacity of the forklift.
- The operator must ensure the load-bearing capacity of the bearing surface at the placement location and on the transport routes!
- Take the slope of the bearing surface into account during transport and placement.

5.2 Transport Tilting swarf container with the forklift

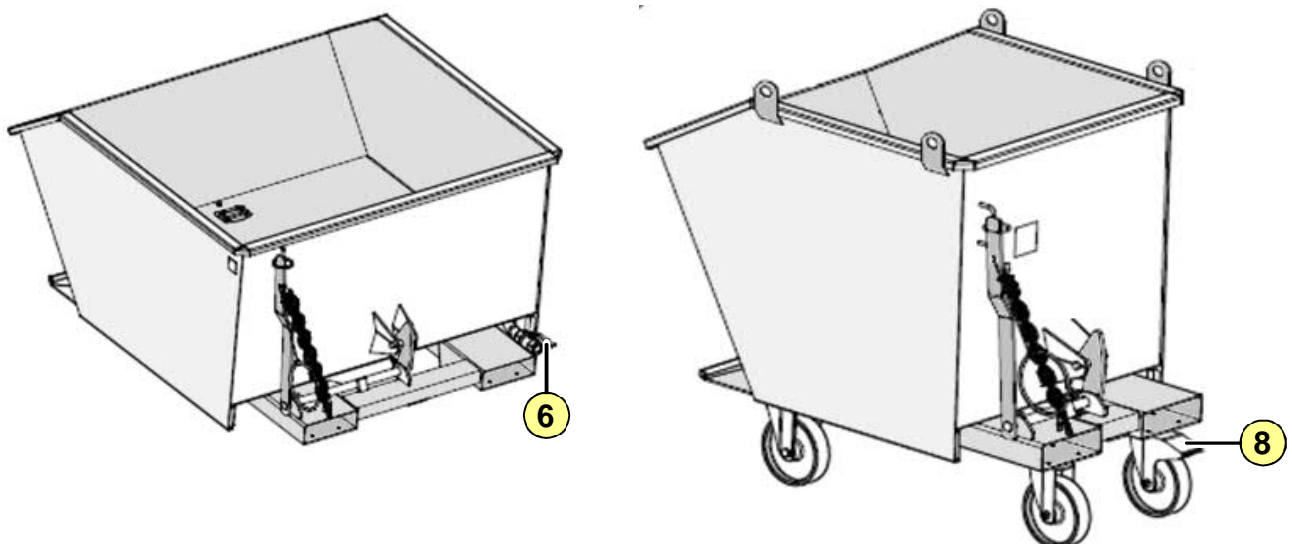


Fig. 5-1: Preparing the Tilting swarf container for transport

- (1) Swarf container: Before transport, open the drain cock (6) in a timely fashion and allow the liquid to drain into a receptacle. Reclose the drain cock (6) before the start of transport.
- (2) Container with caster: Activate wheel lock (8).
- (3) Align mast of forklift vertically.

Operating Instructions

- Tilting swarf container -



- (4) Adjust forklift forks to match the distance between the fork pockets.

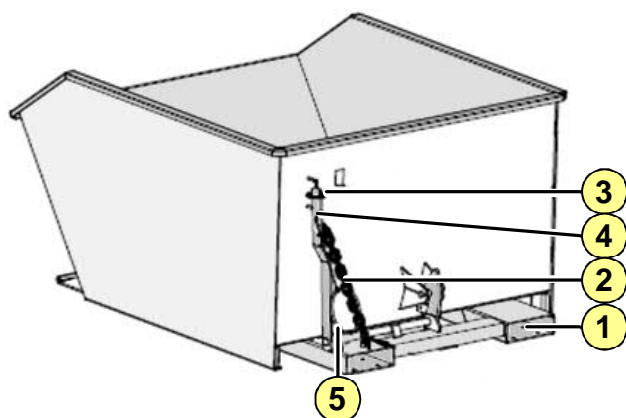


Fig. 5-2: Operation of Tilting swarf container

- (5) Drive the forks up to the end of the provided fork pockets (1) of the container.

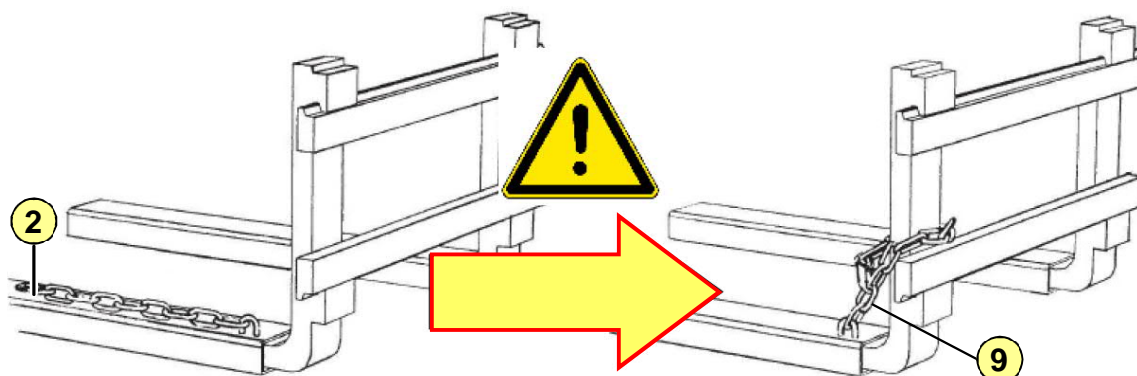


Fig. 5-3: Securing the Tilting swarf container

- (6) Place the fastening chain (2) of the container around the fork carriage/back of the fork.
- (7) Hook the carabiner (9) into a link of the chain in order to secure the fastening chain (2).

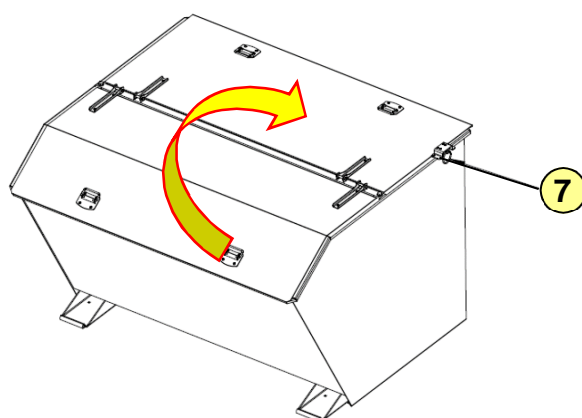


Fig. 5-4: Attaching the (optional) cover

- (8) For containers with a cover, open the front cover part and secure it with the cover locking mechanism (7).

Operating Instructions

- Tilting swarf container -



- (9) Lift the container with the mast of the forklift and drive to the location of use.
- (10) Immediately before emptying, remove the fastening ring (3) from the release lever (4), take the operating cable (5) off the hook and unwind it.
- (11) Lift the container to the desired height.
- (12) Pull the operating cable (5);
⇒ the release lever (4) releases and the container empties itself.
- (13) Lower the mast until the container latches into the base position again.
- (14) Place the locking ring (3) over the release lever (4), roll up the operating cable (5) and hang it from the hook.
- (15) Lift the container, drive it back to the place it is set down and lower the mast.
- (16) Open the carabiner of the fastening chain (2), remove it from the forklift and hook it back into a link of the chain.
ATTENTION: Only place container on level surface. On sloped surfaces, there is a danger of it falling over.
- (17) Drive the forklift backwards until the fork pockets (1) release the forks.

5.3 Transport the hydraulic tilting swarf container with the forklift

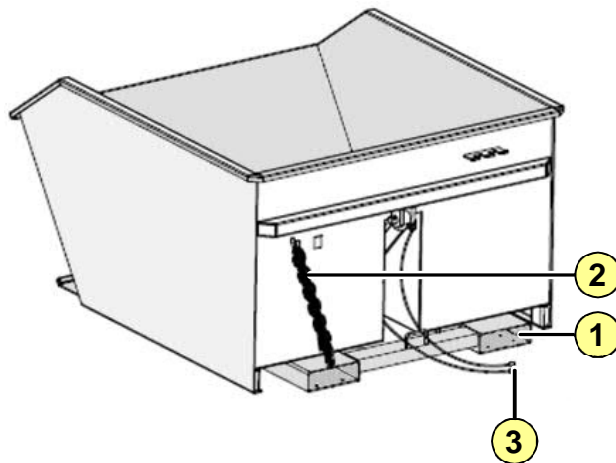


Fig. 5-5: Operation of the Tilting swarf container, types GU-H/SGU-H

- (1) Only swarf container: Before transport, open the drain cock in a timely fashion and allow the liquid to discharge into a receptacle. Reclose the drain cock before transport.
- (2) Container with caster: Activate wheel lock (8).
- (3) Align mast of forklift vertically.
- (4) Adjust forklift forks to match the distance between the fork pockets.
- (5) Drive the forks up to the end of the provided fork pockets (1) of the container.
- (6) Place the fastening chain (2) of the container around the fork carriage/back of the fork
- (7) Hook the carabiner into a link of the chain in order to secure the fastening chain (2).

Operating Instructions

- Tilting swarf container -



- (8) Container with hydraulic support: Connect the hydraulic hoses (3) of the Tilting swarf container to the hydraulic system of the forklift.



ATTENTION

The maximum hydraulic operating pressure of 250 bar must not be exceeded.

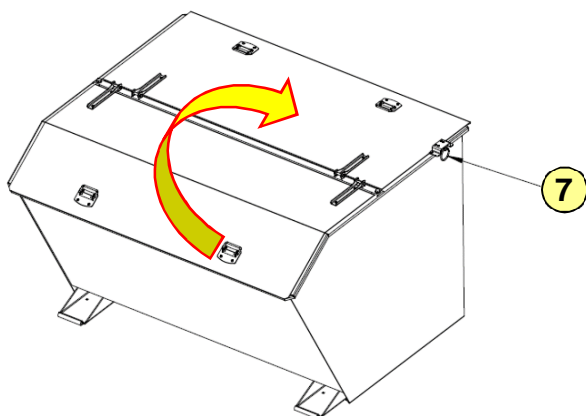


Fig. 5-6: Secure cover

- (9) For containers with a cover, open the front cover part and secure it with the cover locking mechanism (7).
- (10) Lift the container with the mast of the forklift and drive to the location of use.
- (11) Lift the container to the desired height.
- (12) Activate the control unit on the forklift.
⇒ The tilting operation is triggered, and the container empties itself.
- (13) Activate the control unit on the forklift.
⇒ The tilted container is moved back to the initial position.
- (14) Drive the container back to the place it is set down and lower the mast.
- (15) Open the carabiner of the fastening chain (2), remove it from the forklift and hook it back into a link of the chain.
ATTENTION: Only place container on level surface. On sloped surfaces, there is a danger of it falling over.
- (16) Disconnect the hydraulic hoses (3) of the tilting container from the hydraulic system of the forklift.
- (17) Drive the forklift backwards until the fork pockets (1) release the forks.

Operating Instructions

- Tilting swarf container -



5.4 Container transport by crane (all types)



⚠ WARNING!

Uncontrolled movements of the container due to fastening, lifting and moving incorrectly!

Risk of fatal injury and crushing hazard in the movement area.

- Attach lifting accessories only to the crane lugs.
- Observe maximum specified weights.
- Always attach lifting accessories in such a way that the load-handling attachment is located vertically above the centre of mass (avoid eccentric centre of mass).
- Do not attach cables and straps to sharp curves, kink them or twist them.
- Lift the container carefully and observe whether the load tilts. If necessary, correct the attachment.
- Adjust the movement of the container to the weather conditions.

Requirements:

The container must be equipped with crane lugs for crane transport.

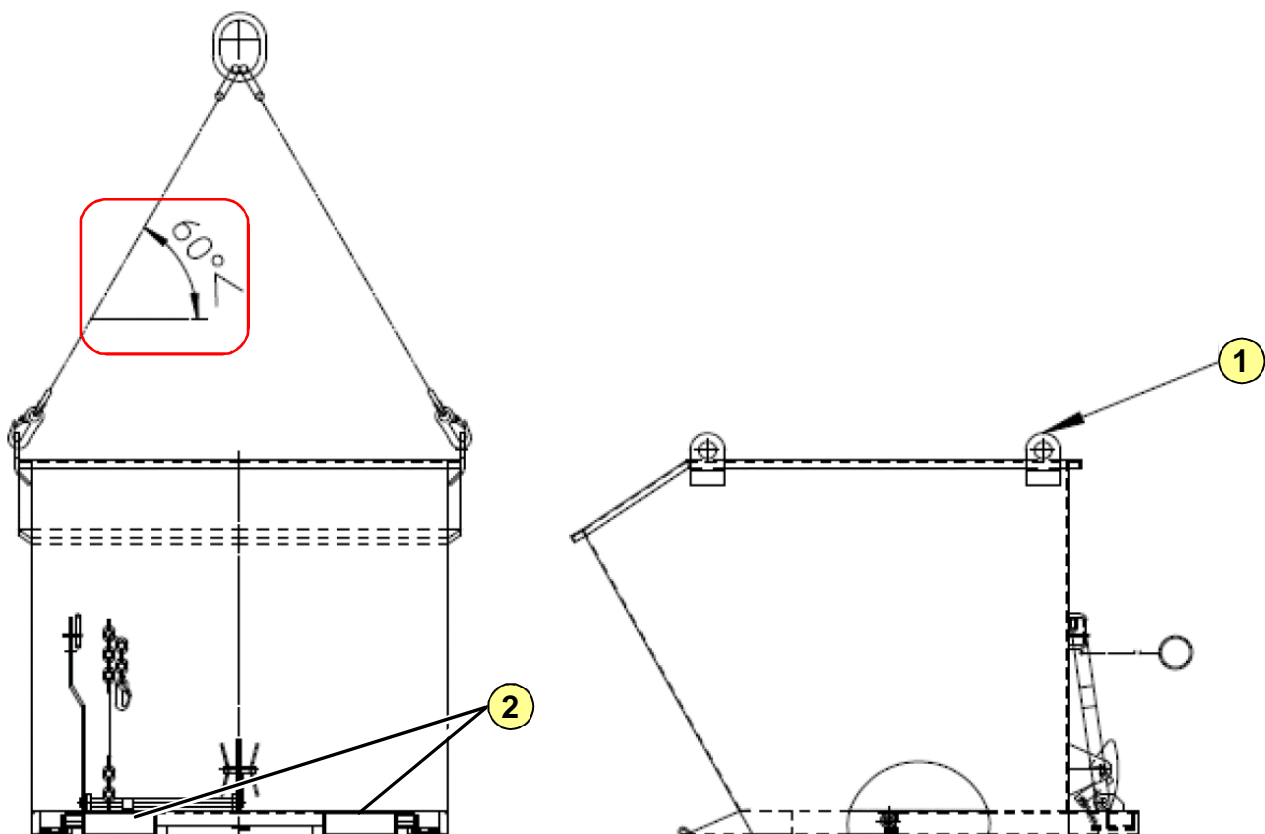


Fig. 5-7: Tilting swarf container assemblies with lifting accessories and crane lugs

Item	Description
1	Crane lugs for transport by crane
2	Fork pockets for transport by forklift

5.5 Adjust tilting speed

The tilt brake is optionally available for types GU, SGU, (S)MGU and (S)GU-RZ55.

This setting is therefore only possible with the “tilt brake” option.

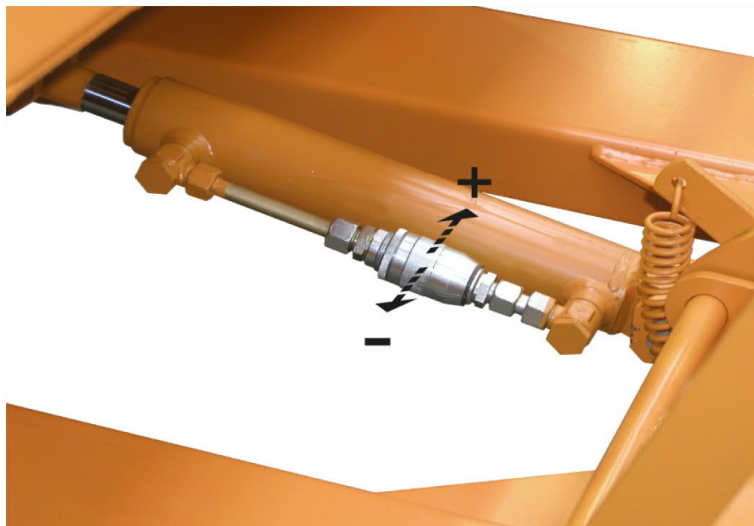


Fig. 5-8: Adjust tilting speed of Tilting swarf container

(1) Adjust the tilting speed with the adjustable throttle:

“+”: Increase tilting speed

“-”: Decrease tilting speed

6 Troubleshooting and fault elimination

6.1 Safety



⚠ WARNING!

Improper fault elimination can lead to serious personal injury or property damage.

- Ensure sufficient free space for assembly before starting the work.
- Ensure order and cleanliness at the assembly location! Lose components and tools in piles or left lying around are sources of accidents.
- If components have been removed, ensure correct assembly, reattached all fasteners and observe bolt tightening torques.

6.2 Characteristic faults and elimination of them by the operator

After unusual incidents, the forklift attachment must be visually inspected by a qualified person, even outside of the specified inspection periods.

The tilting container must be checked for mechanical damage, and the supervisor must be informed if applicable.

Operating Instructions

- Tilting swarf container -



7 Servicing

7.1 Safety



⚠ WARNING!

Servicing and repair work performed improperly can lead to various risks of injury!

- Have repair work performed only by authorised personnel.
- Use specified spare parts.
- Exercise particular caution when protective equipment is deactivated.

7.2 Maintenance

7.2.1 Maintenance plan and work (operator)

Any parts that have become defective and must be replaced during maintenance can be found on the assembly drawing.

Inspection and maintenance checklist

Frequency	Object	Activity
Daily	Entire container	Check for wear and defects of the container Verify proper function
Daily	Fastening chain	Verify presence and completeness and check for defects
Monthly	Entire container	Check for wear, permanent deformation and corrosion that negatively impacts the function or load-bearing capacity

7.2.2 Maintenance plan and work (specialist personnel)

The following maintenance work must only be performed by specialist personnel of Bauer or an authority commissioned by Bauer.

Object	Activity
Entire container	Inspection by qualified person (in accordance with BetrSich [Industrial Safety Ordinance] sec. 10 and 11)*
Safety equipment	Inspection by qualified person

*All inspections must be documented. Forklift attachments with identified defects must be de-commissioned immediately.

7.3 Repair

Repairs of the forklift attachment must be performed exclusively by the manufacturer or authorities commissioned by it.

Operating Instructions

- Tilting swarf container -



Repair work on the tilt brake must only be performed by persons who possess the knowledge and skills necessary for this.

Only original spare parts must be used.

8 Decommissioning, disassembly and disposal

No special requirements on decommissioning, disassembly and disposal exist.

9 Spare parts list



Ordering spare parts:

Bauer GmbH
Eichendorffstr. 62
D-46354 Südlohn
Tel.: +49 2862 709 – 0
Fax: +49 2862 709 – 156
Email: info@bauer-suedlohn.de

All the information you need for ordering spare parts can be found in the spare parts list. To process your order quickly, we need the following information:

- our spare part item number
- our spare part item name
- order quantity
- name of the container, manufacturing number and year of manufacture

10 Appendix

10.1 Declaration of conformity

The declaration of conformity is included in the delivery in the machine documentation.