



probst SG80-PGL2 Scissor Block Grab Instruction Manual

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Probst SG80-PGL2 Scissor Block Grab



Product Information: Mechanical Scissor Gripper SGSG-80-PGL2

The Mechanical Scissor Gripper SG SG-80-PGL2 is a product designed to grip and lift heavy loads. It comes with safety features to ensure that the product is operated safely and efficiently.

Technical Specifications

- Version: V11
- Languages: DE/GB/FR/NL

Safety Features

The product comes with the following safety features:

- Safety instructions
- Definitions of terms used in the manual
- Definition of qualified personnel
- Safety labeling
- Accident protection
- Mechanical safety features
- General safety guidelines for operation

Product Usage Instructions

Step 1: Installation

Install the Mechanical Scissor Gripper SG SG-80-PGL2 by following the mechanical attachment instructions provided in the manual. Ensure that the last hook and lifting equipment are properly attached. Additionally, if using optional pockets, insert them correctly.

Step 2: Adjustments

Adjust the depth of the gripper according to your requirements. Follow the instructions provided in the manual for adjusting the depth of the gripper.

Step 3: Operation

Operate the Mechanical Scissor Gripper SG SG-80-PGL2 in accordance with the general safety guidelines provided in the manual. Ensure that only qualified personnel operate the product and that all safety guidelines are

followed at all times. By following the above steps, you can safely and efficiently use the Mechanical Scissor Gripper SG SG-80-PGL2. Please note that the product may not be used/put into operation without these operating instructions in the national language. If you did not receive operating instructions in your national language with the delivery of the product, please contact us. In countries of the EU / EFTA, we will send them to you free of charge. For countries outside the EU / EFTA, we will be pleased to provide you with an offer for an operating manual in the national language if the translation cannot be organized by the dealer/importer.

EC-Declaration of Conformity / UKCA-Declaration of Conformity

- Description: Scissor Grab SG
- Type: SG-80-PGL2
- Order number: 53100380
- Manufacturer: Probst GmbH
- Gottlieb-Daimler-Straße 6
- 71729 Erdmannhausen, Germany
- info@probst-handling.de
- www.probst-handling.com
- Importer: Probst Ltd
- Unit 2 Fletcher House
- Stafford Park 17
- Telford Shropshire TF3 3DG, United Kingdom
- www.probst-handling.co.uk
- sales@probst-handling.co.uk

The machine described above complies with the relevant requirements of the following EU directives: The object of the declaration described above is in conformity with the relevant UK Regulations and UK-**Guidelines**: EC-machinery directive 2006/42/EC (Reference: OJ L 157, 09.06.2006)

UK-Regulation: Supply of Machinery (Safety) Regulations 2008 (SI 2008 No. 1597) The following standards and technical specifications were used:

DIN EN ISO 12100

Safety of machinery – General principles for design – Risk assessment and risk reduction UK-Regulation: BS EN ISO 12100-1:2003+A1:2009

DIN EN ISO 13857

Safety of machinery – safety distances to prevent hazard zones from being reached by upper and lower limbs.

UK-Regulation: BS EN ISO 13857:2019

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Safety

Safety symbols



- **Danger to life!**



Identifies imminent hazard. If you do not avoid the hazard, death or severe injury will result.



- **Hazardous situation!**



Identifies a potentially hazardous situation. If you do not avoid the situation, injury or damage to property can result.

- **Prohibition!**

Identifies imminent a prohibition. If you do not avoid the prohibition, death and severe injury, or damage to property will result.

- **Important** information or useful hints for the usage.

Explanation of basic concepts

Gripping range:	<ul style="list-style-type: none">• specify the minimum and maximum product measurements of the gripping good, which can be gripped with this device.
Gripping good(s):	<ul style="list-style-type: none">• is the product, which will be gripped or transported.
Opening width:	<ul style="list-style-type: none">• consists of the gripping range and the measure to drive over the gripping good. <i>$\text{gripping range} + \text{measure to drive over the gripping good} = \text{opening width}$</i>
Immersion depth:	<ul style="list-style-type: none">• is the maximum gripping height of gripping goods, conditional of the height of the gripping arms of the device.
Device:	<ul style="list-style-type: none">• is the description for the gripping device.
Product dimensions:	<ul style="list-style-type: none">• Are the dimensions of the gripping good (e.g. length, breadth, height of the product).
Dead weight:	<ul style="list-style-type: none">• is the own weight (without gripping good) of the device.
Carrying capacity/working load limit (WLL*):	<ul style="list-style-type: none">• specify the maximum possible load of the device (for lifting of gripping goods). * = WLL → (english:) <u>W</u>orking <u>L</u>oad <u>L</u>imit
Area in proximity to the ground:	<ul style="list-style-type: none">• the gripping good must be lowered to just above the ground (approx. 0.5 m) immediately after being picked up (e.g. from a pallet or from a truck). For transport, lift the gripping good only as high as necessary (recommendation approx. 0.5 m above the ground).





Definition of skilled worker/specialist

Only skilled workers or specialists are allowed to carry out the installation-, maintenance-, and repair work on this device! Skilled workers or specialists must have the following points (if it applies to this device), and the necessary professional knowledge.




- for mechanic
- for hydraulics
- for pneumatics
- for electrics

Safety Marking



PROHIBITION SIGN

PROHIBITION SIGN			
Symbol	Meaning	Order-No.:	Size:
	It is not allowed to be under hanging loads. Danger to life!	29040210 29040209 29040204	30 mm 50 mm 80 mm
	The transportation of non rectangular goods is not allowed!	29040213 29040212 29040211	30 mm 50 mm 80 mm
	Do not lift any components off-centre (always in centre of gravity).	29040216 29040215 29040214	30 mm 50 mm 80 mm
	Never suspend any goods with ropes or similar from any part of the device.	29040219 29040218 29040217	30 mm 50 mm 80 mm

Symbol Meaning

Symbol	Meaning	Order-No.:	Size:
	Danger of squeezing the hands.	29040221 29040220 29040107	30 mm 50 mm 80 mm
REGULATORY SIGN			
Symbol	Meaning	Order-No.:	Size:
	The manual guiding of the device is only allowed at the red handles.	29040227 29040226 29040225	30 mm 50 mm 80 mm
	Each operator must have read and understood the operating instructions (and all safety instructions).	29040665 29040666	30 mm 50 mm

Personal safety requirements

-  Each operator must have read and understood the operating instructions (and all safety instructions).
-  Only a qualified, authorized person is allowed to operate the device and all devices which are connected (lifting device/carrier).
- Manual guiding is only allowed for devices with handles.
- Otherwise, there is a risk of injury to the hands!

Protective equipment

The protective equipment must consist, according to the safety regulations of the following parts:

- Protective clothing
- Safety gloves
- Safety shoes

Accident prevention

- The workplace has to be covered for unauthorized persons, especially children.
- Caution at thunderstorms – the danger of lightning!
- Depending on the intensity of the thunderstorm, stop working with the device if necessary.
- The workplace must be sufficiently illuminated.
- Be careful with wet, frozen, iced, and dirty building materials! There is a danger of the gripping material slipping out. → DANGER OF ACCIDENT!







Function Control

General

- Before every usage of the device check the functions and the working condition.
- Maintenance and lubrication are only permitted when the device is shut down!
- Do not use the device, until all faults which can cause safety hazards are removed.
- If there are any cracks, splits, or damaged parts on any parts of the device, immediately stop using it.
- The operating instructions must be available at the workplace every time.
- Do not remove the type plate of the machine.
- Unrecognizable information signs (such as regulatory or prohibition signs) must be replaced.

Safety procedures

General

- The use of the device is only permitted in proximity to the ground.
- Do not swing it over people's heads.
- 
 - The stay under a lifted load is forbidden. Danger to Life!
- 
 - The manual guiding of the device is only allowed at the handles.
- 
 - While using the device the stay of persons in the working area is forbidden. Except it is indispensable, cause of the way of using the device, e.g. if the device must be led by hand.
- 
 - Jerky lifting or lowering of the device with or without load is prohibited, as well as driving fast with the carrier device/lifting device over uneven terrain! In general, with the load lifted, drive with the lifting equipment (e.g. excavator) only at walking speed – avoid unnecessary vibrations.
- 
 - Danger: The load could fall down or load handling equipment could be damaged!
- 
 - Do not lift any components off-center (always in center of gravity), because they could fall down.
- The device should not be opened if the opening path of the gripping arm is blocked by a resistance (e.g. other concrete blocks or the like)!
- The operator is not allowed to leave the control unit as long as the device is loaded with the load. The load must always be in the range of vision of the operator.
- Never exceed the carrying capacity/working load limit (WLL) and the nominal width/gripping range of the device. Fig. A
- Do not pull out stuck or tightened loads with the device.
- Never pull or drag loads sideways. Otherwise, parts of the device could be damaged. (see Fig. A →)

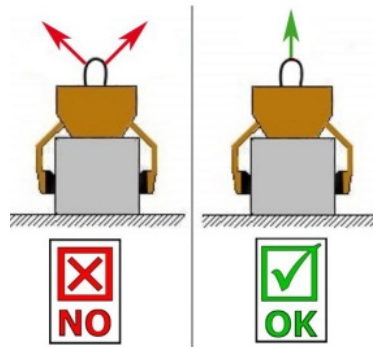


Fig. A

Carrier / Lifting device

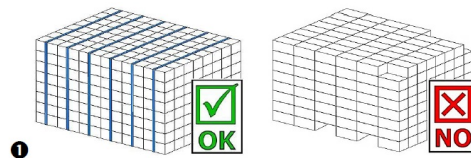
- The used carrier/lifting device (e.g. excavator) has to be in good, safe working condition.
- Only authorized and qualified persons are allowed to operate the carrier/lifting device.
- The operator of the carrier/lifting device must have all the necessary qualifications.
- Never exceed the maximum allowable carrying capacity/working load limit (WLL) of the carrier/lifting device and the lifting gear.

General

Authorized use

The device (SG) is only designed for the gripping and transportation of vertically steel-strapped (each row

- building materials such as paving blocks, curb stones, slabs, etc. or the operation of the device (SG) in high-rise construction a security net (SSN), is suspended underneath the gripping good (load)! See chapter „Operating“.



1



- DANGER TO LIFE:



- The operation of the device (SG) with a damaged/broken limiting chain is strictly forbidden!



- Transport of nonrectangular gripping goods is not allowed, because they could fall down.
- When lifting palletized building material packages, the gripper jaws must NOT grip the pallet, but only the building material package. Otherwise, there is a danger of slipping!

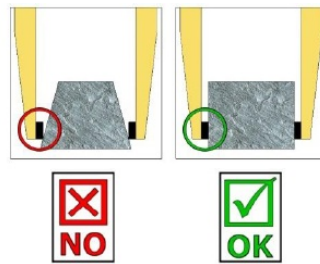
- PROHIBITION: When gripping and following the lifting of palletized building material packages, the rubber grippers must NOT rest against the pallet



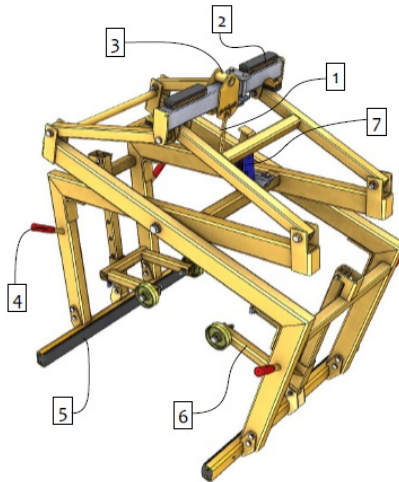
2

3

- Otherwise, there is a risk of slipping off the building material pack (due to inadequate clamping).



- Danger to life!
- The rubber grippers must rest directly against the building material package during the lifting process ③ (in the lower area of the material to be gripped – i.e. directly above the pallet).



Attention: The use of this device without a security net is only permitted in proximity to the ground. Only stone elements with parallel and plane surfaces are allowed to be picked up and handled. Because the gripping good could fall down.

NOT ALLOWED ACTIVITIES

- Unauthorized alterations of the device and the use of any self-made additional equipment could cause danger and are therefore forbidden!
- Carrying capacities/working load limits(WLL) of the device must not be exceeded and nominal widths/gripping ranges must not be exceeded or fallen below.
- All unauthorized transports with the device are strictly prohibited:
- Transport of people and animals.
- Gripping and transporting of other loads and materials than described in this operating instruction.
- Never suspend any goods with ropes, chains, or similar at the device, except at the designated lifting eyes/-bolts. Gripping of gripping goods with packaging foil, because they could fall down.
- Gripping of gripping goods with surfaces that reduce the coefficient of friction (e.g., abrasive, treated, dirty, frozen, coated, painted surfaces), as this causes a reduction in the coefficient of friction between the grippers and the gripping goods → Danger of slipping!
- Remedy: In case of dirt of any kind, it is absolutely necessary to clean the grippers and the surface of the products in the area of the grippers before each gripping process!
- Gripping of gripped goods, which can deform or break due to the clamping force of the gripping device!
- Gripping of goods that show visible damage, or which may break due to their own weight.
- Gripping and transporting of non-rectangular and round gripping goods, because they could fall down (see figure to the right). →

- Transportation of material with “feet”, “bellies” and “blind spacers”.
- The device is only designed for the use specified in this documentation.
- Every other use is not authorized and is forbidden!
- All relevant safety regulations, corresponding legal regulations, especially regulations of the declaration of conformity, and additional local health and safety regulations must be observed.
- Prior to every operation, the user must ensure that:
 - The equipment is suited to the intended operation
 - the functioning and the working condition of the equipment is examined
 - the load is suitable to be handled.
- Any doubts about instructions should be raised with the manufacturer prior to use.

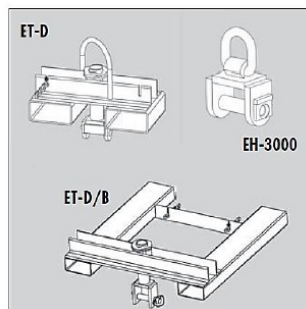
Survey and construction

1. Limiting chain for the minimum-opening range Aufschlagdämpfer
2. Attachment for the carrier/lifting device
3. Handle
4. Rubber gripper
5. Height adjustable
6. Automatic release with switching delay

Technical data


Type	Gripping range W	Inside Height E	Gripper Length L	Carrying capacity/working load limit (WLL)	Deadweight
SG-80-PGL2	400 – 1,100 mm (15¾ - 43")	800 mm (31½")	1,200 mm (47")	1,800 kg (4,000 lbs)	230 kg (510 lbs)


Type	Working Load Limit WLL kg (lbs)	Order-Number
ET-D, with an additional lifting eye for crane hook	2,500 (5,500)	4310.0411
ET-D/B fork sleeves with manual turning device	2,500 (5,500)	4310.0373
EH-3000, lifting eye for crane hook operation	3,000 (6,600)	4011.0086
Suspension adapter AH-A to use the SG-40-UK grab in combination with the fork sleeves ET-D/B		4310.0442
Security net SSN for operation of SG grabs in high-rise construction		
SSN – 1,2/1,4,0,9 for SG-40-UK	1,800 (4,000)	4520.0010
SSN – 1,5/1,3/1,0 for SG-60, SG-60-PGL2, SG-80-PGL2, SG-80-MAXI, SG-80-MAXI-PGL2, SG-100-PGL2	2,000 (4,400)	4520.0061



Installation

Mechanical connection

 Use only original accessories, in case of doubt consult the manufacturer. Take care that the carrying capacity/working load limit (WLL) of the lifting device/carrier is not exceeded, through the load of the device, the optional attaching devices (turning device, fork sleeves, crane boom, etc.), and the additional load of the gripping goods! Gripping devices always have to be gimbaled, so they can swing freely in any position. In no case it is allowed to mount gripping devices with lifting devices/carriers in a rigid way! A break of the suspension may occur within a short time. Death, severe injuries, and material damage can result! When using the device on optional attachments (such as fork sleeves, crane boom, etc.), it cannot be excluded, due to the lowest possible construction of the total device (to avoid loss of lifting height), that the device may collide with adjacent components if the device is suspended in an oscillating motion and unfavorable positioning during travel movements of the carrier device. This should be avoided as far as possible by positioning the device appropriately and in a sensible driving style. Damage resulting from this will not be regulated within the scope of the warranty.



Lifting eye / Suspension bolt

The device is equipped with a lifting eye/suspension bolt and can be mounted on various carrier/lifting devices. Take care that the lifting eye/suspension bolt is safely joined with the lifting tackle (e.g. crane hook, belt) and cannot slide down.

Load hooks and lifting tackle

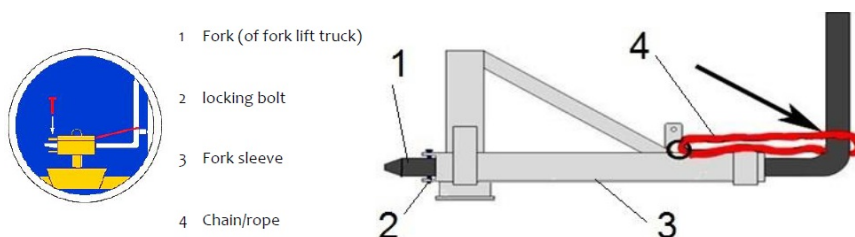
The device is attached to the carrier/lifting device with a load hook or a suitable lifting tackle. Ensure that the single chain strands are not twisted or knotted. Attaching the device to the lifting device/carrier, take care that all local safety regulation is observed.

Rotators (optional)

When using rotators, a free-wheel throttle valve must be installed. In order to prevent a sudden speedup and stopping the rotational movements, as this may damage the device within a short time.

Fork sleeves (optional)

To establish a mechanical connection between the forklift truck and the fork sleeves you have to put the forks into the fork sleeves and fix it with the locking bolt or with a chain/rope, connected to the eyelet on the fork sleeves and the lift equipment/carrier. It is definitely necessary to establish this connection. Otherwise, the device could slide from the forks.



DANGER OF ACCIDENTS!

1. Fork (of forklift truck)
2. locking bolt
3. Fork sleeve
4. Chain/rope

Adjustments

Adjustment of the inside height

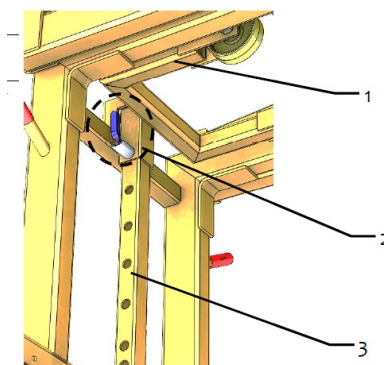
- With one hand hold the adjustable support (1), and with the other hand disconnect the spring bolt (2) at About 180°.
- Adjust the height of the adjustable support (1) by hand.
- Fix the spring bolt (2) in one of the defined positions.
- Take care, that the lower edge of the rubber grippers is aligned with the lower edge of the gripping good.
- Always fix the spring bolt (2) after adjusting the height of the support. The danger of accidents!
- Adjustable support Spring bolt (to adjust the inside height)
- Adjustable inside height (rectangular tube with adjusting holes)

Operation

- Operating for devices with automatic release
- The device is connected to the lifting equipment/carrier (e.g. excavator).
- Before lifting the device, the gripping range has to be adjusted.
- The device is placed over the product, set down, the device closes around the product and it can be lifted.
- Set down on the ground again, the device opens automatically, and the automatic release locks it into position so that the device can be lifted without closing up.
- Placed over the next product, the automatic release disengages itself and the product can be lifted.

The device, therefore, is a ONE-MAN-MACHINE. Shut down the device without lifting equipment/carrier only on even ground. The gripping arms must be opened enough, to ensure a secure standing of the device. Otherwise, there is a danger of overturning! With movements with the lifted device (with and without load) the forks of the lifting device should be sloped a little to the rear (see arrows in adjoining picture). The device is equipped with an automatic release, which means the OPENING and CLOSING of the gripping arms results through the set down and lifting of the device. Pictures of the positions of the automatic release:

1. Otherwise, there may be faulty switching and when setting down the load this can cause deformation or damage of the automatic release!



2. The jerky lifting and lowering of the device with and without load. e.g. caused by driving fast with the lifting

equipment/carrier over uneven grounds is forbidden

3. When replacing a defective automatic release, it is essential to ensure that the slots of the two clamping pins always point downwards.
4. The position of the slots must not be above or center, otherwise, there is a risk that the automatic release may jam when switching!

Use of the Security Net SSN

For the operation of the device (SG) in high-rise construction a security net (SSN) has to be suspended underneath the gripping is good! The use of the device (SG) in high-rise construction without a security net is forbidden! Danger to life! Suspend the security net underneath the gripping good by looking it into the handles of the device (SG), which are normally used for the guidance of the device (see).

Fastening net hooks (optional)

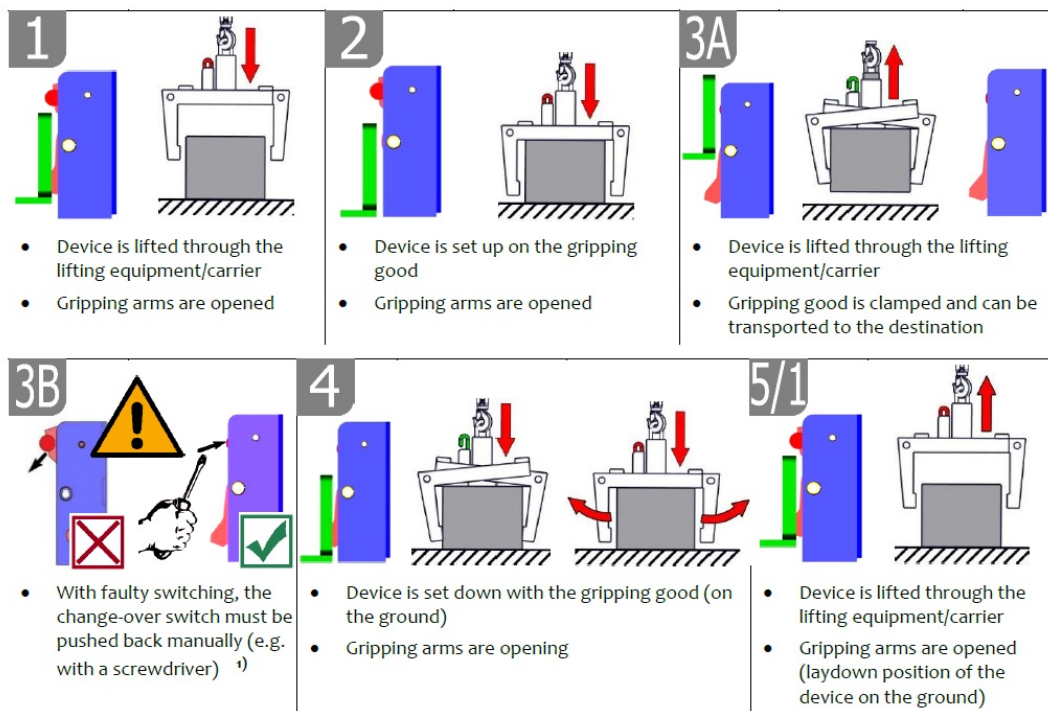
1. If the fastening of the security net at the 4 handles at the device (SG) is not possible, or undesired, optional net hooks can be assembled.
2. Type: Order-No.: net hooks for SG 60, SG 80, SG 100 4310.0965 Insert all 4 net hooks sidewise at the device (SG) – see III.1 and III.3 III. 1

Position the net hooks relatively far outside at the device Tighten screws by hand.



3. Tighten screws with the corresponding open-end-spanner.
4. Tighten lock nuts with the corresponding open-end-spanner.
5. Now the net hooks are ready for use→ III. 7

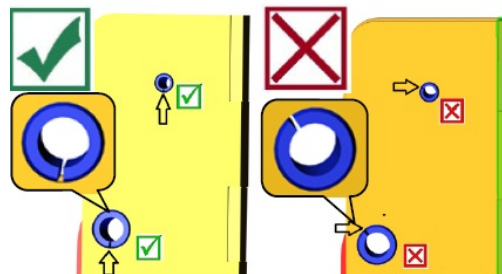
Limiting chain and automatic release



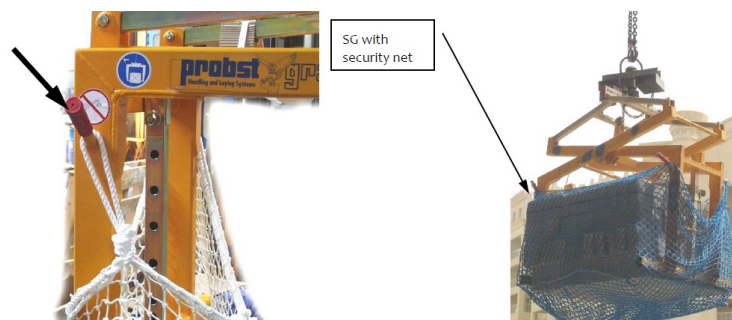
Limiting chain

The position of the limiting chain (2) is between the upper crossbar of the device and the automatic release (1). This limiting chain (2) avoid that the rubber grippers (without gripping goods) can not close completely (minimal opening range).

- When driving very fast over uneven ground with the lifting machine (excavator), having the Scissor Grab SG hanging on the open position on the lifting arm, the SG will “jump” up and down.
- In this case, it could happen, that the automatic release (1) will accidentally be unlocked, and the SG will close until the limiting chain (2) will stop the movement of the grippers toward one another at a certain distance.



- Due to the high dynamic forces in such an unlikely case, the limiting chain (2) and/or the fixing screws can be overloaded.
- Therefore the limiting chain (see 2 in III. A) and the fixing screws (see A1 and A2 in III. A) have to be exchanged in such a case, also the correct function of the rotation break (III. E) must be checked (see III. F, G, H).
- Order-No. For spare part-limiting chain and rotation break see the spare parts list.



- Before any further initial operation, the complete assembly group (III. B +C) has to be checked for a sign of

wear (damages).

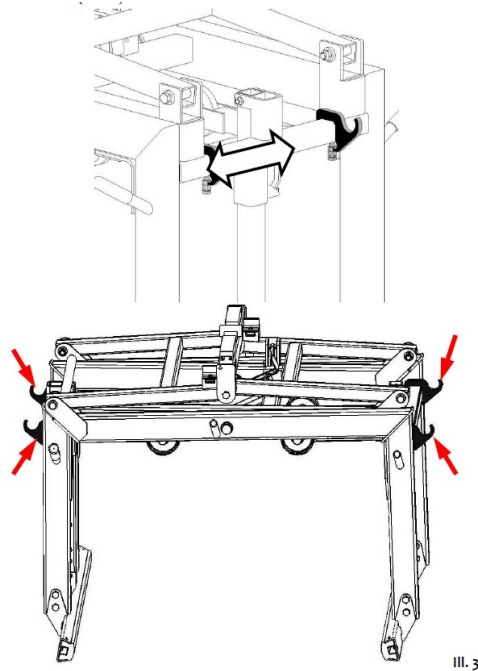
- If damages are noted, the complete assembly group (III. B + C) has to be exchanged!!!



- In addition, a function test of the rotation break must be done (see III. F, G, H). If necessary exchanged the rotation break. The operation of the device (SG) with a damaged/broken limiting chain is strictly forbidden! Danger to life!!!

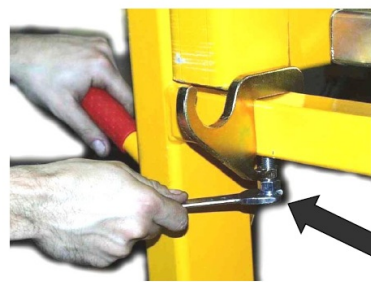


- Mount the spare part limiting chain (2) as shown in III. A. and III. C. III. D shows the scissor grab with a stressed limiting chain. Complete assembly see spare parts list.



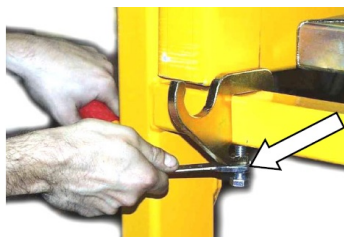
Automatic release

The automatic release with switching delay avoids an accidental unlocking of the automatic release and therefore a closing of the device (SG) without a gripping good.

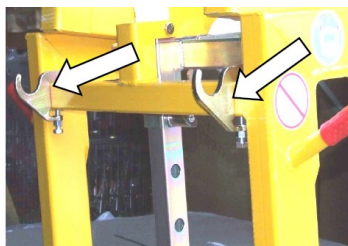


The reason for an accidental closing is a jumping motion of the device (SG), caused when driving very fast over

uneven ground with the lifting machine (excavator).

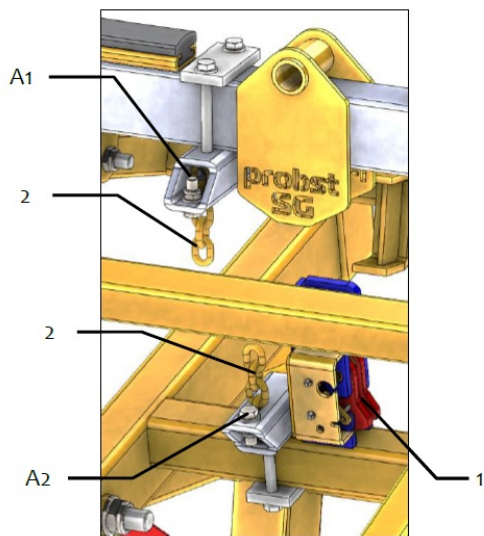


III. 6

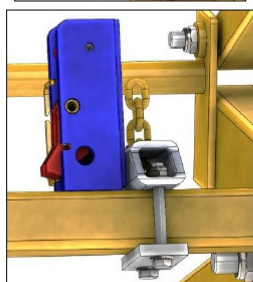


III. 7

Fast driving with the device (with or without load) over uneven grounds is forbidden Function test of the rotation break



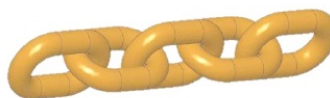
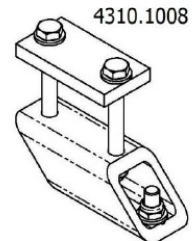
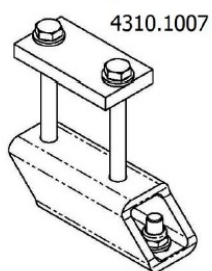
III. A



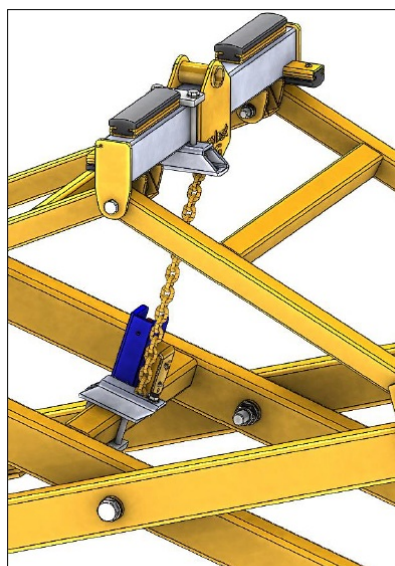
III. C

Mount the spare part limiting chain (2) as shown in III. A. and III. C. The III. D shows the scissor grab with stressed limiting chain.

Complete assembly see spare parts list.

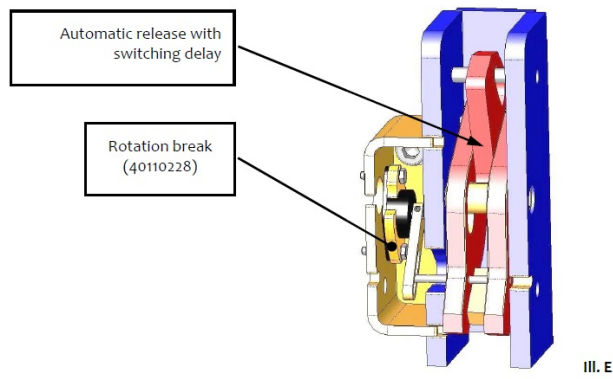


III. B

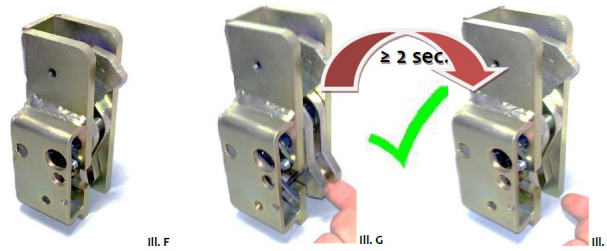


III. D

The basic position of the rotation

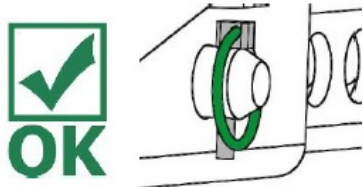



- Raise the automatic release with one finger and then let it go.



- Should the return in the basic position takes about 2 seconds, the rotation of the brake is fully functional.
- As soon as the return in the basic position takes less than 2 seconds, the rotation break at the automatic release must be exchanged unconditionally!!!
- Otherwise exists the danger of accidents, because this is a safety part!

Maintenance and care

MAINTENANCE PERIOD	Work to be carried out
Initial inspection after 25 operating hours	<ul style="list-style-type: none"> Check or retighten all fixing screws (may only be carried out by a qualified person).
Every 50 operating hours	<ul style="list-style-type: none"> Retighten all fixing screws (make sure that the screws are retightened according to the valid tightening torques of the corresponding strength classes). Check all existing safety elements (such as folding pins) for proper function and replace defective safety elements. è 1) Check all joints, guides, pins and sprockets, chains for proper function, readjust or replace if necessary. Check gripper jaws (if present) for wear and clean, replace if necessary. All existing sliding guides, rack gears and joints of moving parts or machine components must be greased / lubricated to reduce wear and for optimum movement sequences (recommended grease: Mobilgrease HXP 462). Lubricate all grease nipples (if present) with grease gun.
At least 1x per year (shorten the inspection interval in case of harsh operating conditions)	<ul style="list-style-type: none"> Inspection of all suspension parts, as well as bolts and brackets. Inspection for cracks, wear, corrosion and functional safety by an expert. <div data-bbox="459 1081 1437 1267"> 1)   </div>

Maintenance

To ensure the correct function, safety, and service life of the device the following points must be executed in the maintenance interval. Used only original spare parts, otherwise, the warranty expires. All operations may only be made in the closed state of the device! For all operations, you have to make sure, that the device will not close unintended. The danger of injury!

Mechanics

AUTOMATIC-RELEASE

Never grease or oil the automatic release! Clean with high-pressure cleaner when the automatic release is dirty.

Troubleshooting

7.2 Trouble shooting		
ERROR	CAUSE	REPAIR
The clamping-power is not big enough, the load is slipping out		
(optional)	The grippers are worn	Replace the grippers
(optional)	The maximum load is exceed	Reduce the weight of. the load
(Adjustment of the gripping range) (optional)	The actual opening width is not correct	Adjust the gripping range according to the load you want to transport
(Property of material)	The surface of the material is dirty or the material is not suitable / allowed for this device.	Check the surface of the material or ask the manufacturer, if you the material is allowed for this device.
Unbalanced load		
	The device is not loaded symmetrically	Adjust the position of the load
(Adjustment of the gripping range) (optional)	The adjustment of the gripping range is not symmetrical.	Correct the adjustment of the gripping range
Automatic release does not work		
mechanical (optional)	Automatic release does not work	Clean automatic release with high pressure-cleaner Correct faulty switching (èsee chapter "Picture of the automatic release") Change the inset of the automatic release
7.3 Repairs		

Repairs

Only persons with the appropriate knowledge and ability are allowed to repair the device. Before the device is used again, it has to be checked by an expert.

Safety procedures

- It is the contractor's responsibility to ensure that the device is checked by an expert in periods of max. 1 year and all recognized errors are removed (→ DGUV norm 100-500).
- The corresponding legal regulations and the regulations of the declaration of conformity must be observed!
- The expert inspection can also be done by the manufacturer Probst GmbH. Contact us at: service@probst-handling.de

- We recommend affixing the inspection sticker “Sachkundigenprüfung / Expert inspection” in a clearly visible place (order no.: 2904.0056+Tüv sticker with year number) after the inspection has been done check by an expert must be proved!

Disposal/recycling of devices and machines

53100380 26 / 26 GB

Hints to the type plate

- Type, serial number, and production year are very important for the identification of your device. If you need information to spare parts, warranty or other specific details please refer to this information.
- The maximum carrying capacity/working load limit (WLL) is the maximum load that can be handled with the device. Do not exceed this carrying capacity/working load limit (WLL).
- If you use the device in combination with other lifting equipment (Crane, chain hoist, forklift truck, excavator) consider the deadweight of the device.

Hints to the renting/leasing of PROBST devices

With every renting/leasing of PROBST devices, the original operating instructions must be included unconditionally (in deviation of the user's country's language, the respective translations of the original operating instructions must be delivered additionally)!

Disposal/recycling of devices and machines


The product may only be taken out of service and prepared for disposal/recycling by qualified personnel. Correspondingly existing single components (such as metals, plastics, liquids, batteries/rechargeable batteries, etc.) must be disposed of/recycled in accordance with the nationally/country-specific applicable laws and disposal regulations! The product must not be disposed of in household waste!

Proof of maintenance






The warranty claim for this machine only applies to the performance of the mandatory maintenance works (by an authorized specialist workshop)! After each completed performance of a maintenance interval the included form must be filled out, stamped, signed, and send back to us immediately 1).

- via e-mail to service@probst-handling.de / via fax or post
- Probst GmbH Telefon +49 7144 3309-0 www.probst-handling.com
- Gottlieb-Daimler-Straße 6 Fax +49 7144 3309-50 info@probst-handling.de
- 71729 Erdmannhausen, Germany
- Operator: _____
- Device type: _____ Article -No.: _____
- Device-No.: _____ Year of make: _____

Documents / Resources

 <p>Betriebsanleitung Operating Instructions Instructions d'emploi Bedrijfshandleiding</p>	<p>probst SG80-PGL2 Scissor Block Grab [pdf] Instruction Manual SG80-PGL2 Scissor Block Grab, SG80-PGL2, Scissor Block Grab, Block Grab</p>
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References

-  [Make an offer on the domain handling.co.uk - Domains.co.uk](#)
-  [INDUSTRIAL Production - Fachmedium für Intelligente Produktion](#)
-  [Probst | Greif- und Verlegetechnik für Pflastersteine, Beton-und Natursteine](#)
-  [Probst | Gripping & Laying Technology for Paving Stones, Concrete & natural stone elements](#)
-  [Probst | Gripping & Laying Technology for Paving Stones, Concrete & natural stone elements](#)