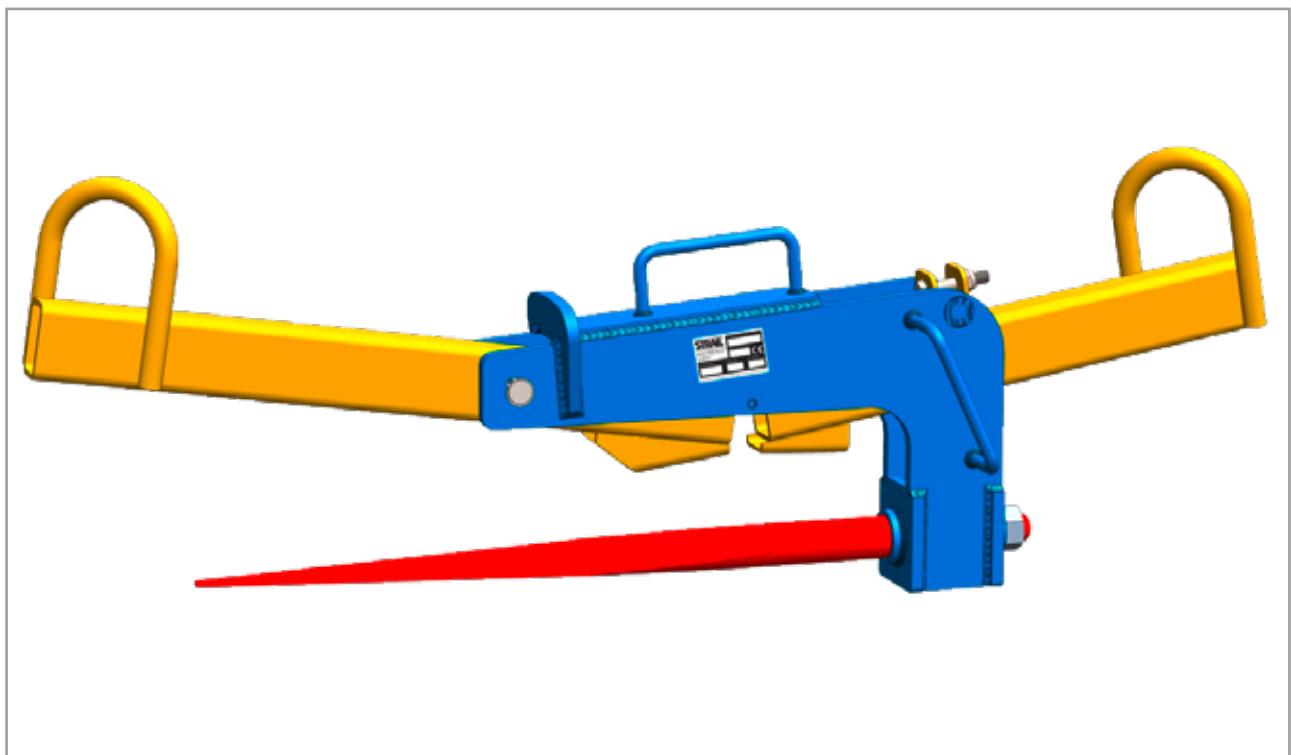




STRAIL<sup>®</sup>

STRAIL<sup>®</sup>astic

STRAIL<sup>®</sup>way



# STRAIL<sup>®</sup> Removal and Transport Tool

## Operating Instructions



Subject to technical changes / 03\_2022



KRAIBURG STRAIL<sup>®</sup> GmbH & Co. KG | STRAIL<sup>®</sup> | STRAIL<sup>®</sup>astic | STRAIL<sup>®</sup>way

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The operating instructions must be read **carefully** before use and **strictly observed!**

**The operating instructions have to be kept readily accessible for users of the product!**

This device is exclusively intended for the transport and removal of **STRAIL®** level crossing panels!  
**Do not use this device for transporting people!**

## # 1 / TECHNICAL DATA

Type:	<b>STRAIL® Removal and Transport Tool</b>
Type no.:	02139400
Load-bearing capacity (kg):	480
Working width (mm):	up to 1200
Length of pin (mm):	575
Pin diameter (mm):	35
Dead weight (kg):	20.6
Eye rod diameter (mm):	18

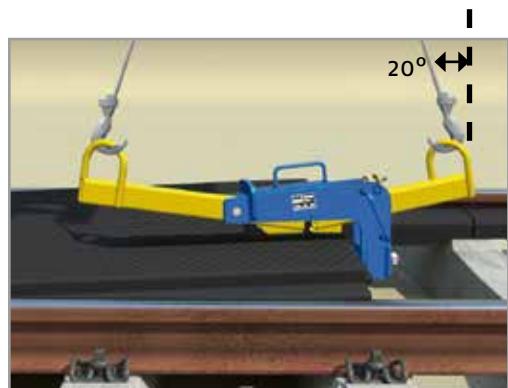
The lifting device consists of a base body with two pivoted square tubes with one retaining loop each for fastening the sling gear. For lifting the panel, there is a pin on the underside which is connected to the base body with a special nut.

## # 2 / NOTES ON SAFETY

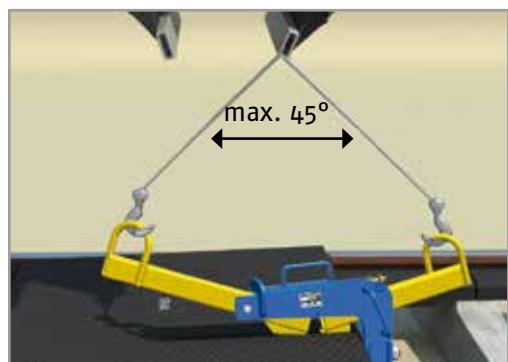
- All persons and workers standing close by must be advised of the risk of crushing.
- Erratic spinning of the lifting device – triggered by uncontrolled movements – can lead to injury.
- Tension in the parts can lead to components being spun around.
- To be used only by fit, qualified and instructed expert staff.

## # 3 / GENERAL INFORMATION

- Prior to use, the lifting device has to be visually checked.
- **STRAIL®** level crossing panels must only be lifted and transported one at a time.
- The load must not exceed the specified load-bearing capacity.
- The lifting device must be stuck into the bore hole of the lock tight system of the **STRAIL®** level crossing panel as far as it will go.
- In order to remove the **STRAIL®** level crossing panels, the chain slings must be fastened at both retaining loops. When removing the panels, the tensile force must only be applied vertically upwards or from a maximum angle of  $+20^\circ$ . Otherwise, it may lead to a destruction of the lifting device and the **STRAIL®** level crossing panel (see drawing 1)
- In order to transport the **STRAIL®** level crossing panels, the length of the chains has to be such that the pin hangs in a horizontal position.
- Avoid sudden movements while moving the load since that may break the lifting device or the **STRAIL®** level crossing panels.
- Avoid sudden changes of direction while moving the load since that may break the lifting device.
- When defects are noted, stop using the product immediately.
- Standing beneath the load is forbidden.
- Staying within the danger zone during removal and transport is forbidden.
- The chain strands' maximum tilt angle of  $45^\circ$  must not be exceeded (see drawing 2).



Drawing 1



Drawing 2

## # 4 / SERVICE AND MAINTENANCE

- In case of defects, the lifting device must be replaced immediately or returned to the manufacturer for repair.
- When it is foreseeable that the tool will not be used for a longer period of time, it must be protected from corrosion.

## # 5 / LEGAL REQUIREMENTS

The Accident Prevention Regulations (UVV; 'Load Suspension Gear on Crane Equipment – VBG 9a') as well as the operating instructions or maintenance instructions have to be kept readily accessible and observed unconditionally.

- **Pre-delivery check**  
Carried out by the manufacturer.
- **Regular checks**  
The user must ensure that the lifting device is checked by an authorised expert at least once a year.
- **Special checks**  
The user must ensure that the lifting device is checked by an authorised expert after each event of damage or other incidents that might influence the load-bearing capacity.
- **Test records**  
The user must ensure that the tests and checks carried out are documented.

For information on the correct handling of all lifting gear we recommend the German safety training paper 'Sicherheitslehrbrief für Anschläger' (Work Safety Regulations for Crane Loaders) published by the Study Group for Metal Industry Trade Associations.

## # 6 / EC DECLARATION OF CONFORMITY

### EC Declaration as defined by the EC Machinery Directive 2006/42/EG

**Name and address of Manufacturer:**

KRAIBURG STRAIL GmbH & Co. KG  
Goellstr. 8  
D-84529 Tittmoning

**We declare that the following product complies with the safety and health requirements of the EC directives:**

**Type:** STRAIL Removal and Transport Tool

**Type no.:** 02139400

**Corresponding EC Directives:** EC Machinery Directive 2006/42/EG

**Applied standards:** DIN EN 13155 Cranes – Safety – Non-fixed load-carrying equipment

**The following person is authorised to compile the technical documents:**

Herbert Gfreiner  
Goellstr. 8  
84529 Tittmoning  
Germany

If alterations are made to the product without prior consent, this declaration becomes invalid.  
Manufacturer's declarations and/or declarations of conformity from suppliers are available where required.

Tittmoning, 02.03.2022



Günther Wagner  
General Manager