TRANSLATION OF THE ORIGINAL VERSION

CE

Operating Manual

Compact, height-adjustable lightweight lift table

Type HS 100

Valid for type:	**HS 100**

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1 Introduction

The information in this operating manual enables the safe, proper and economical operation of your lift table. Observing the explanations, instructions and regulations

- avoids hazards and malfunctions
- reduces repair costs and downtimes
- increases the reliability and service life

of the lift table.

The owner must ensure that this operating manual is read by the persons entrusted with the operation, maintenance and repair of the lift table. This operating manual and any appendices and additional documents must be kept easily accessible at the lift table's place of use.

Ignorance or non-observance of these operating instructions may result in certain accident hazards during handling with the lift table. Before commissioning, this operating manual and any appendices and additional documents must be read thoroughly. All instructions, in particular the safety regulations, must be observed!

Handling *the lift table in the sense of these instructions means*

- *the installation and commissioning,*
- *the operation and proper usage,*
- *the influence on operating conditions, as well as*
- *the maintenance, troubleshooting and repair.*

Apart from the operating manual and the legally binding accident prevention provisions applicable in the country and place of use, the recognized technical regulations for safe and proper work must also be observed.

1.1 Legal notice

All contents of these operating instructions are subject to the rights of use and copyright of Reinhold Beck Maschinenbau GmbH. Any reproduction, modification, further use and publication in other electronic or printed media, as well as their online publication, requires the prior written consent of Reinhold Beck Maschinenbau GmbH.

1.2 Illustrations

All photos, figures and graphics contained in this document are for illustration and better understanding only and may differ from the current state of the product.

2 Symbols

2.1 General symbols

Symbol	*Meaning*
	Indicates passages within this operating manual that must be particularly observed in order to prevent malfunctions or damage to the lift table.
	Refers to chapters, sections, or figures within this document.
	Refers to an external document or a third-party source.

2.2 Symbols in safety instructions

The lift table is designed and manufactured according to the current state of the art. Nevertheless, residual hazards may occur during handling. In this operating manual, possible dangers and residual risks are pointed out at appropriate places.

Safety instructions are provided with corresponding danger symbols which have the following meanings:

Symbol	*Safety Instruction*
	Reading and applying the operating manual is mandatory for the operating personnel. *Failure to abide by the following precautions could lead to serious or possibly fatal injury.*
	General danger symbol, which requires the highest attention! *Failure to observe may result in damage to the equipment, serious injury or even death.*
	Reference to a possible crushing hazard! *Non-observance increases the risk of injury to hands and fingers!*
	Reference to a possible crushing hazard! *Non-observance increases the risk of injury to feet and toes!*
	Warning of a possible risk of tipping! *Failure to observe this warning may result in minor or serious injuries.*
	Warning of possible tripping and slipping hazards on the floor! *Failure to observe this warning can result in minor or serious injuries.*
	Reference to possible environmental pollution! *Non-observance poses a risk of pollution of the environment and groundwater!*
	Reference to the obligation to wear safety shoes resp. protective gloves! *Non-observance may result in increased risk of injury to feet & toes or hands & fingers!*
	Fire hazard! Do not smoke and do not ignite open fire.
	Access for unauthorized persons prohibited! *Risk of personal injury and possibly additional equipment damage.*

2.3 Safety symbols on the lift table

The lift table is labelled with the following safety instructions:

Symbol	*Safety Instruction*
	Risk of crushing and shearing! Keep hands and feet away from all shearing points.
	Danger of falling! The lift table is not intended for lifting and lowering people.
Max. 100 kg	Risk of injury! The maximum load capacity of 100 kg must not be exceeded.

3 General

	The operating instructions must be read and understood carefully before using the lift table! If anything is unclear, please contact the manufacturer.

The HS 100 scissor lift table is the most compact and lightest lift table in the HS series. Despite its small design, it is so robust that it can easily handle a load capacity of 100 kg. Infinitely variable height adjustment is carried out using a standard cordless screwdriver, a reversible ratchet, a ratchet spanner or a crank and an SW 17 socket, which can be found in any workshop.

Weighing just 16 kg, it is also flexible and can be used in a variety of locations, both in the workshop and in the service area, as it fits easily into any service vehicle when lowered.

- Even adjustment to the height, even under consistent load distribution
- Ideal for service work thanks to its light weight and compact design
- Lightweight design with 100 kg load capacity thanks to scissor principle
- Flexible and versatile areas of application
- Ergonomic height adjustment

3.1 Structure & design

Figure 1: Scissor construction

The lift table is designed as a scissor lift table. The upper side forms a platform (upper tray), which serves as a work or support surface. On the underside, the table rests on a base tray. The bearings of the scissor mechanism are guided inside the upper and lower trough. This consists of two legs of equal length that are articulated to each other via a central axis.

On the fixed bearing side, the scissor mechanism is firmly connected to the base trough and the platform. The floating bearing side on the opposite side is equipped with sliding rollers that are movably guided in the troughs. The lift table is driven electrically or manually via a threaded spindle.

3.2 Application

The lift table can be used for all work that corresponds to its intended use in section ⇨ 4. It can be used as work equipment for lifting and lowering loads as well as a height-adjustable assembly table. Typical areas of application are working areas in production, assembly, maintenance and repair, where precise height adjustment is particularly important for ergonomic working as well as high flexibility and mobility. The lift table must not be used for work that is not in accordance with its intended use (see section ⇨ 4).

3.3 Target group and previous experience

This operating manual is intended for the operating and maintenance personnel of the lift table. The operating personnel is to be determined by the operator and must further meet the following requirements:

- Basic technical and mechanical knowledge as well as knowledge of the associated technical terms
- Reading and understanding these operating and maintenance instructions

In order to acquire the knowledge required to operate this lift table, the operator must ensure the following measures:

- Product training for every operator (also possible external personnel)
- Regular safety instruction

3.4 Requirements for the operators

⚠ The lift table is intended to be operated by one person. This is an essential safety component of the lift table risk assessment. Operation by more than one person is not permitted!
⚠ The operator is responsible for the safe standing and use of the lift table!
⚠ The relevant regulations and laws as well as other generally recognised rules must be observed.
⚠ If visible damage, safety-relevant defects or unusual noises occur, operation of the lift table must be stopped immediately.
⚠ The lift table may only be operated by trained personnel who have also read this manual.
⚠ Inspection, maintenance, cleaning and repair may only be performed by technical specialists with product-specific training and mechanical and/or electrical training.
⚠ Specialists with product-specific training are to be commissioned and held responsible for planning and checking the work.
⚠ The national protective regulations for employees must be observed
⚠ The legal minimum age must be observed.

3.5 Accident prevention

To avoid accidents, the following rules must be observed for operation:

⚠ Prevent unauthorized persons from gaining access to the lift table.
⚠ Keep unauthorized persons away from the danger areas (see section ⇨ 4.7).
⚠ Repeatedly inform present other persons about existing residual risks (see section ⇨ 4.8).
⚠ Conduct and record regular training & instruction for persons who must be in the area of the lift table.
⚠ New employees must be trained internally to work on a lift table and this training must be documented.
⚠ It is not permitted to enter the lift table platform or to transport resp. lift persons.

3.6 General safety regulations

In general, the following safety regulations and obligations apply when handling the lift table:

⚠ The lift table may only be operated in its original condition (as supplied by the manufacturer). It is prohibited to convert or modify the lift table without the written approval of the manufacturer / supplier.
⚠ The lift table may only be operated when it is in perfect working order.
⚠ It is prohibited to remove, modify, bypass or circumvent any protective, safety or monitoring equipment.
⚠ Malfunctions or damage must be reported to the owner immediately. These must be rectified immediately and repaired if necessary.
⚠ Repair and maintenance work may only be carried out by authorised and trained specialist personnel.
⚠ Maintenance work must be carried out and documented in accordance with the maintenance instructions.
⚠ Only original spare parts from the manufacturer may be used for repairs.
⚠ Only instructed, trained or qualified persons may work on the lift table.
⚠ The respective national safety regulations for employees and the national safety and accident prevention regulations apply to the operation of the lift table.

4 Safety

4.1 Basic safety instructions

Lift tables can be dangerous if used improperly. Therefore, observe the safety instructions listed in this chapter and the accident prevention regulations of your employer's liability insurance association!

	The manufacturer accepts no liability for damage and malfunctions resulting from failure to observe these operating instructions.

4.2 Application area and intended use

With its conformity to the Machinery Directive 2006/42/EC, the HS 100 lift table is suitable as a technical aid for industrial and commercial applications.

	Improper use can lead to danger to persons and to a defect or damage to the lift table.

- ⚠ The lift table is primarily intended for use in covered indoor areas.
- ⚠ Work on the lift table may only be carried out in adequately lit working areas.
- ⚠ The lift table is intended for processing and assembling assemblies, workpieces and similar components as well as for lifting, lowering and moving loads.
- ⚠ The lift table may be operated by a maximum of one person.
- ⚠ For lifting and lowering, the lift table must be placed on a level and firm surface that prevents it from sinking in on one side.
- ⚠ The lift table must be positioned freely in the room when lifting and lowering. This means that the positioning of the lift table must not cause any shearing or crushing edges.
- ⚠ The devices used for lifting and lowering must not exceed a torque of 38 Nm.
- ⚠ The maximum load (see ⇨ 5 “Technical Specifications”) with load center in the middle of the lift table must not be exceeded. If the lift table is loaded unevenly, outside the load center of gravity, the load capacity is reduced to up to 33 % of the maximum permitted load capacity (see ⇨ Figure 2).
- ⚠ The lift table is not intended for moving and transporting persons.
- ⚠ The lift table must not be operated in potentially explosive working areas.

Any other use is considered improper and prohibited**.**

4.3 Improper use

Improper use is when the lift table is used for purposes other than those prescribed in this operating manual and in section ⇨ 4, for example

- ⚠ Use and application for private or non-commercial purposes,
- ⚠ Use in disregard of the regulations in the operating manual,
- ⚠ Use after unauthorized conversions or modifications,
- ⚠ Drive (lifting / lowering) of the lift table with a drive torque of more than 38 Nm,
- ⚠ Exceeding the maximum permissible load (see ⇨ 5 “Technical Specifications”)
- ⚠ Transporting or conveying persons with the lift table
- ⚠ Transporting or conveying vehicles with the lift table
- ⚠ Entering the lift table

Use of the lift table for purposes other than those for which it is intended is prohibited and can lead to accidents and injuries. In addition, the declaration of conformity expires. If the lift table is not used as intended, all warranty, liability and other claims for damages by the owner against the manufacturer are excluded!

4.4 Consequences in case of disregard

If the lift table is not operated, maintained or repaired in accordance with the safety regulations, not as intended, improperly or in an abusive manner, the following will result:

⚠ Dangers to the health of the operating personnel

⚠ Dangers to the lift table and objects in its vicinity

⚠ Impairment of the lift table function

In case of improper use of the lift table, any warranty, liability and other claims for damages of the operator against the manufacturer are excluded!

4.5 Conversions and modifications of the lift table

⚠ Only use the lift table in its original condition, i.e. as delivered!

⚠ The components of the lift table must not be changed in their type and condition.

⚠ Only original spare parts and accessories from the manufacturer may be used.

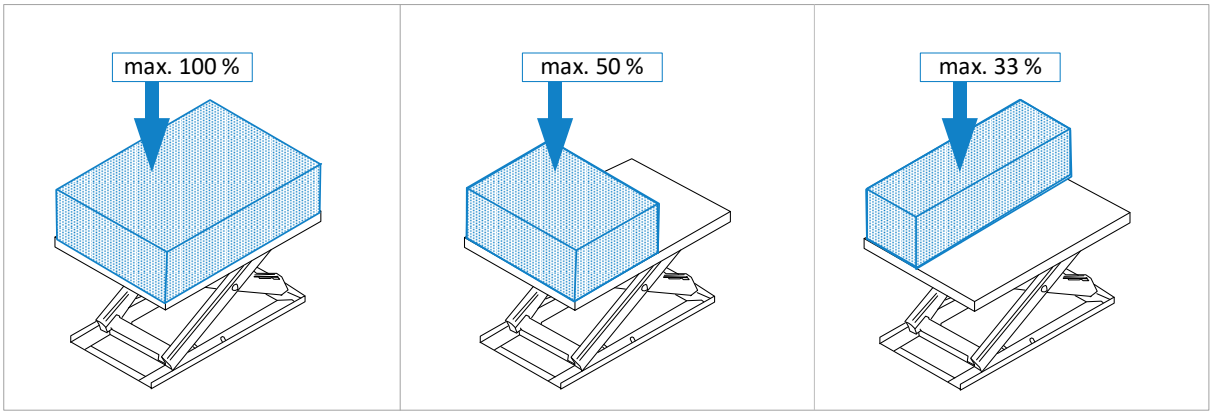
⚠ Deviations are not permitted.

☝	***Unauthorized modifications or conversions by the operator, without the written consent of the manufacturer, are prohibited. This excludes any warranty, liability and other claims for damages by the operator against the manufacturer!***

4.6 Load distribution and influence on the nominal load

The nominal, maximum permissible load of 100 kg is based on a load evenly distributed on the lift table platform. If the load cannot be distributed evenly on the platform, the maximum permissible load must be reduced according to the figures below.

Figure 2: Permissible load with load distribution



Even distribution

Load is evenly distributed over the entire platform area

→ 100 % of the nominal load is permissible.

Uneven distribution

Load is distributed over half of the platform in transverse direction

→ 50 % of the nominal load is permissible.

Uneven distribution

Load is distributed over half of the platform in longitudinal direction

→ 33 % of the nominal load is permissible.

4.7 Hazardous areas

Hazard type	Area	Cause	Risk	Prevention
Risk of slipping	Substrate around the lift table	1. The surface is damp, wet or not slip-resistant	Risk of injury due to slipping and falling	☝ Keep the substrate dry ☝ Wear work shoes with non-slip soles ☝ Add anti-slip mat
Risk of tipping		2. The surface is uneven or not fixed	Risk of injury from tipping over due to unevenness or sinking	☝ Only operate the lift table on a firm, smooth and non-slip surface
Risk of crushing and shearing	Lifting scissors and base frame	1. Hands, feet or other parts of the body getting into the shearing area of the lift table (base frame)	Loss of limbs, bruising of hands and feet, increased risk of injury or even death	☝ During operation, never reach under the tabletop resp. into the area of the lifting scissors or move body parts into this area
		2. Using a drive with too high a torque for height adjustment	The lift table can collapse in an uncontrolled manner (risk of injury as in item 1.)	☝ Do not use a drive with a torque > 38 Nm
		3. Operation without spacers	Risk of injury as in item 1. (especially for the feet during lowering)	☝ The four spacers (**4**) shown in ⇨ Figure 3 must be fitted correctly

4.8 Residual Risks

The lift table is built according to the latest state of the art and the recognised safety rules. Nevertheless, the use of the lift table may cause danger to life and limb of the user or third parties or damage to the lift table and other equipment. Due to the construction of the lift table, the following residual risks can occur even when used as intended and despite compliance with all relevant safety regulations:

	Reading and applying the operating manual is mandatory for the operating personnel.
	Be aware of possible crushing hazards when placing the lift table on the floor and therefore wear safety shoes.
	Be aware of the risk of falling objects such as workpieces, tools or similar and therefore wear safety shoes.
	Danger of falling! It is strictly forbidden for people to climb onto or sit on the lift table.
	The lift table may be operated by a maximum of one person. Access to the installation area of the lift table by second resp. unauthorised persons is prohibited (responsibility of the owner).
	Be aware of possible tripping and slipping hazards on the floor. Prevent possible hazards by keeping the floor dry and clean and by using anti-slip floor coverings around the lift table.
	Acute risk of crushing underneath the table top! Never reach into the scissors and never move into this area with your hands or other parts of your body! There is an increased risk of accidents with loss of limbs or even death.
	Maintenance and repair work on the lift table may only be carried out when it is unloaded and the table surface is clear.
	When using additional machines on the lift table, first read the respective operating instructions and comply with the specified safety regulations.
	Be aware of the fire hazard during the processing of wood due to wood dust, in connection with flying sparks and/or open fire!

4.9 Observe the Environmental Protection Regulations

During all work with the lift table, the environmental protection regulations, obligations and laws for waste avoidance and proper recycling and/or disposal applicable at the place of use must be observed. This applies in particular to installation, repair and maintenance work involving substances that could pollute the groundwater (e.g. hydraulic oils and cleaning agents and liquids containing solvents). In any case, prevent them from seeping into the ground or entering the sewage system.

	Store and transport the above-mentioned hazardous substances only in suitable containers. Avoid leakage of hazardous substances by using suitable collection containers. Ensure that the above-mentioned substances are disposed of by a qualified disposal company.

4.10 Organisational Measures

- ⚠ Always keep this operating manual within easy reach and at the place of use of the lift table.
- ⚠ In addition to the operating manual, observe and instruct on generally applicable legal and other binding regulations for accident prevention and environmental protection.
- ⚠ Supplement the operating manual with further instructions, including supervisory and reporting duties, to take account of special operational features (e.g. with regard to work organisation, work processes, personnel employed).
- ⚠ Before starting work on the lift table, the person responsible for its operation must have read the operating instructions, especially the chapter "Safety Instructions". This applies in particular to personnel who only occasionally work on the lift table.
- ⚠ Check that work is carried out in a safety-conscious and hazard-conscious manner and in compliance with the operating manual.
- ⚠ When using additional machines on the lift table, read the respective operating instructions and keep them handy. Pay particular attention to the respective safety and hazard information.
- ⚠ In case of safety-relevant changes to the lift table or its operating behaviour, shut down the entire system immediately and report the fault to the responsible office/person.
- ⚠ Use personal protective equipment as necessary or required by regulations.
- ⚠ Do not make any modifications, additional attachments or conversions to the lift table without the manufacturer's approval! This will compromise safety and invalidate the manufacturer's warranty and any liability claim.
- ⚠ Spare parts must meet the technical requirements specified by the manufacturer. The exclusive use of original spare parts ensures this. Therefore, only use original spare parts from the manufacturer.
- ⚠ Observe the fire alarm and firefighting possibilities. Make the location and operation of fire extinguishers (fire class ABC) known. Do not use water!

4.11 Personnel Selection and Qualification - Basic Duties

- ⚠ The design and operation of the lift table is equally suitable for right- and left-handers.
- ⚠ The lift table is designed to be operated by a single person. Other persons in the vicinity of the lift table must keep a suitable safety distance.
- ⚠ Work on and with the lift table may only be carried out by reliable personnel.
  Observe the legal minimum age!
- ⚠ Only use trained or instructed personnel. Clearly define the responsibilities of the personnel for operating, setting up, maintaining and repairing!
- ⚠ Ensure that only authorised personnel work on the lift table.!
- ⚠ If personnel to be trained or apprenticed have to work on the lift table, this may only be done under the constant supervision of an experienced resp. qualified person.

5 Technical Specifications

Lift Table Type *Article number*	***HS 100*** ***190.050.00***
Load / lifting capacity	max. 100 kg
Platform dimensions	840 x 400 x 2mm
Total height	750 mm
Height	170 mm (in lowered position)
Effective stroke	580 mm
Height adjustment	manually or electrically via 17 mm socket
Drive torque	max. 38 Nm
Weight	approx. 16 kg

5.1 Manufacturer

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72505 Krauchenwies (Germany)
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Note: Before using the unit in a way that deviates from the described suitability (see section ⇨ 4), it is essential to consult the manufacturer.

Otherwise all warranty, liability and other claims for damages of the operator against the manufacturer will be voided!

6 Transport to the Installation Site

Only trained personnel may be used for the following work:

- Transport the lift table
- Unloading the lift table
- Check delivery condition of the lift table

6.1 Checking the delivery condition

Check the shipment for completeness and transport damage. Document any transport damage or missing parts immediately on the carrier's consignment note and inform the manufacturer of the facts at the same time.

6.2 Unpacking

Unpack the lift table and remove the packaging material.

	Fire hazard! Do not smoke or light an open fire.
	Dispose of packaging material in an environmentally friendly manner!

6.3 Operational readiness

The lift table is delivered fully assembled and ready for immediate use.

6.4 Requirements for the Installation Site

The following guidelines apply with regard to space requirements, load-bearing capacity and the condition of the substrate:

- Condition: even, dry, smooth, non-slip and slope-free (maximum 2 % incline)

	• ***Risk of tipping if the lift table is operated on uneven or inclined surfaces!*** • ***Risk of tipping over due to sinking on non-fixed surfaces!***

6.5 Temporary Storage

If the lift table is not put into operation immediately after delivery, it must be stored carefully in a protected place. Carefully cover the entire lift table so that neither dust nor moisture can penetrate.

6.5.1 Short Term Storage

- Dry environment
- Protect components at risk of corrosion
- Place horizontally on a safe and sufficiently large surface

6.5.2 Long Term Storage

- Dry environment
- Protect components at risk of corrosion
- Protect lift table from dirt
- Place horizontally on a safe and sufficiently large surface

7 Installation and commissioning

The lift table must be stable and set up in such a way that there are no crushing and shearing points between the lift table and/or the load and objects in the vicinity. Therefore, ensure there is sufficient space around the lift table. It must be possible to carry out activities on the lift table or the load without hindrance during normal operation.

The following installation and operating requirements must be observed:

⚠ The lift table must be integrated into the existing machinery in such a way that the basic safety requirements of the EC Machinery Directive 2006/42/EC are fulfilled. This must be checked and ensured by the owner of the lift table.

⚠ The environment must not be potentially explosive.

⚠ This operating manual and any supplementary documents must be read carefully and understood. All safety instructions and regulations must be observed and complied with.

8 Operation

	Before operating the lift table, the operating personnel must ensure that the upward and downward movement of the lift table platform does not cause any hazards!
	Always wear safety shoes and suitable protective clothing!

8.1 Components and controls

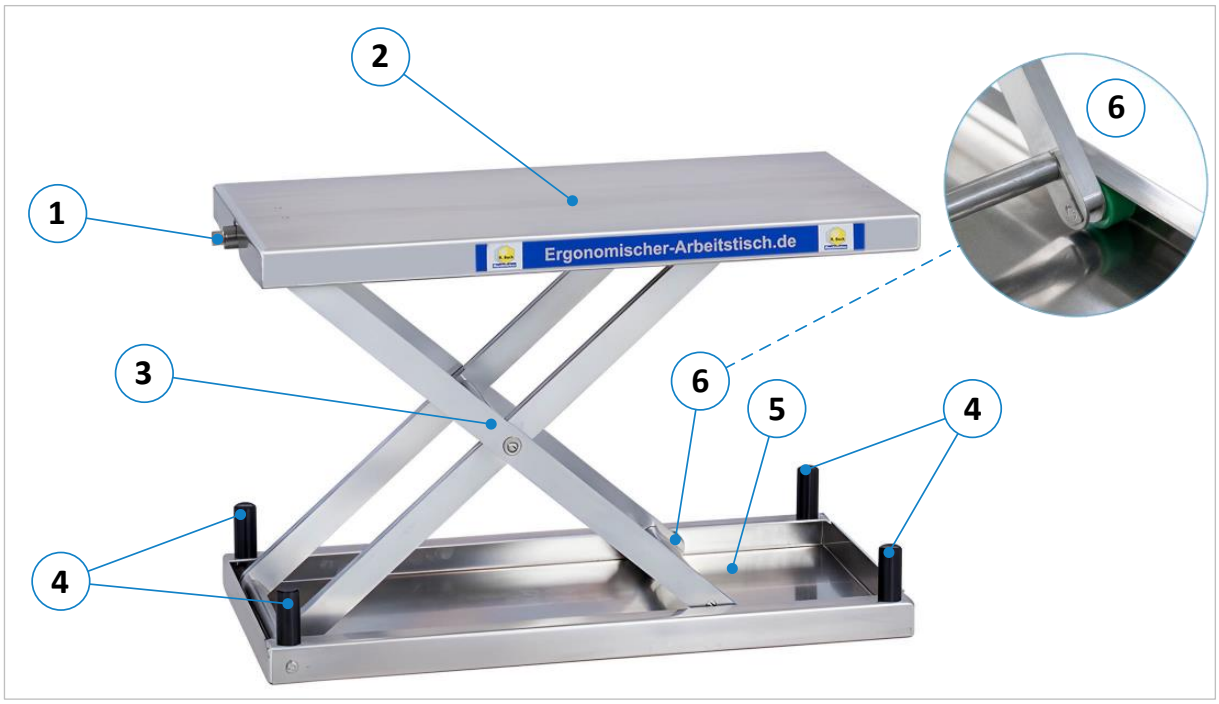

Figure 3: Components and controls

Pos.	*Description*	*Pos.*	*Description*
1	Threaded spindle lifting/lowering	4	Spacers
2	Lift table platform	**5**	Bottom tray
3	Lifting scissors	**6**	Scissor bearing with guide rollers

8.2 Load and unload the lift table

- When loading or unloading the work platform, the load distribution according to section ⇨ 4.4 “Load Distribution and Influence on the Nominal Load“ must be observed and complied with.
- A load placed on the lift table must be secured with suitable measures against slipping, tipping over, rolling away and falling down. This is particularly necessary for loads that have an unstable position on the platform or that do not rest snugly on the lift table plate due to their shape and/or nature (e.g. rolling objects.
- The maximum load capacity of 100 kg applies exclusively to evenly distributed loads (see section ⇨ 4.4).

8.3 Height adjustment - lifting and lowering the lift table platform

	When adjusting the height, ensure that there are no objects between the scissors mechanism under the platform.

	Risk of tipping! Before the lift table platform can be raised, ensure that it is stable and level (max. 2% incline and firm ground).

	Be aware of the risk of crushing and shearing for hands and feet, especially when positioning downwards. Never reach into the scissors stays during height adjustment!

The height adjustment is based on the scissor principle. The force is transmitted to the lifting scissors via an additional external tool with a 17 mm socket and the integrated threaded spindle.

8.3.1 Power transmission tools

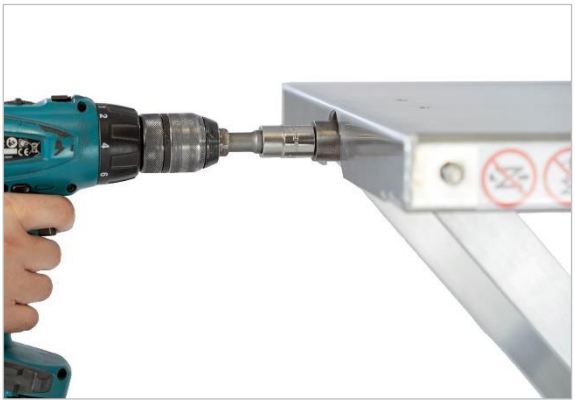

Figure 4: Power transmission with cordless screwdriver

8.3.1.1 Electric height adjustment

The electrical height adjustment via the threaded spindle integrated on the transverse side is carried out using an external cordless screwdriver with socket adapter and 17 mm socket.

8.3.1.2 Manual height adjustment

If no cordless screwdriver is available, the lift table can be adjusted manually using the following tools:

a) Reversible ratchet with 17 mm socket
b) Hand crank with 17 mm socket
c) Ratchet wrench SW 17

	The tool used must not exceed the permissible torque of max. 38 Nm!

	Risk of injury and damage to the lift table! Ensure that no foreign objects can get into the lifting or scissor area during height adjustment.

- Lifting is achieved by turning clockwise ↻ and lowering by turning counterclockwise ↺.
- To prevent injury and damage to the lift table, both the upper and lower end stops of the lift table must always be approached slowly and carefully.
- During the entire lifting or lowering process, the lift table and the applied load must be carefully monitored and secured if necessary. If necessary, a second person can be called in for this purpose. However, this person must be at a sufficient distance from the lift table so that their hands or other parts of their body cannot enter the danger zones (see section ⇨ 4.7).

8.3.2 Basic rules before operation

- Instruct unauthorised persons to leave the installation and operating area of the lift table.
- Carry out a visual inspection of the lift table and the tools to be used in advance.

8.3.3 Basic rules during operation

- If unusual noises, odours or behaviour occur during operation of the lift table, the lift table must be lowered immediately, the applied load removed and operation interrupted. The load capacity may have been exceeded or there may be damage or a defect.
  → If necessary, contact the manufacturer and arrange for a repair.
- If the lift table tilts to one side during lifting, the lifting process must be stopped immediately and the table lowered completely. Then ensure that the table is on a firm, level surface and that the load is redistributed and consistent if necessary.

9 Troubleshooting

Repair and maintenance work may only be carried out by competent, trained and instructed personnel.

⚠	***Repair work on mechanical and hydraulic components may only be carried out by authorised and trained personnel.***

Proceed systematically when searching for the cause of a malfunction. If you are unable to find the fault or to remedy the malfunction, contact our customer service department (☎ 0049 7576 / 962 978 - 0).

Before you call us, please follow these steps:

- Keep these operating instructions and any supplementary documents at hand.
- The more precisely you describe the fault to us, the better we can then remedy the situation.

Possible Faults

Fault	Possible Cause	Remedy
Lift table cannot be lifted	Lift table is overloaded	→ Reduce applied load
	The drive is too weak	→ Use a more powerful drive
	Object jammed in lift table scissors	→ Remove object
	Wrong direction of rotation	→ Turn clockwise ↻
Lift table does not reach its maximum height	Object jammed in lift table scissors	→ Remove object
Lift table cannot be lowered (completely)	Wrong direction of rotation	→ Turn counterclockwise ↺
	Object jammed in lift table scissors	→ Remove object

10 Maintenance and Repair

Maintenance and repair work may only be carried out by competent, trained and instructed personnel. If necessary, further operating instructions and/or additional documents must be observed.

	Always ensure cleanliness! If maintenance or repair work has been carried out on the lift table, a functional test must be carried out afterwards.
	Maintenance and repair work may only be carried out by trained and authorised specialist personnel.
	Chapter ⇨ 4 "Safety" must be read carefully and observed before carrying out any maintenance, repair or cleaning work!
	Only use original spare parts specified by the manufacturer for repairs. The use of spare parts from other manufacturers may result in injury to persons and damage to the lift table. The manufacturer accepts no liability for damage resulting from the use of non-prescribed accessories and spare parts or additional components from third parties!

10.1 Maintenance intervals

10.1.1 Maintenance of plain bearings

All plain bearings on this lift table are maintenance-free.

10.1.2 Maintenance of the threaded spindle

The threaded spindle must be regreased regularly depending on use:

- With normal use (e.g. 1 - 5 lifting operations per day), the spindle should be greased every 6 months.
- For longer downtimes (more than 4 - 6 weeks), use in a damp environment or intensive use (e.g. 8 - 10 lifting operations in quick succession), greasing is required every 4 weeks.

Procedure:

- Raise the lift table completely (top position).
- Then carefully lay the table on its side.
- Then grease the spindle with a suitable brush to a consistent thickness of approx. 0.5 mm.

	Only use high-quality industrial grease for relubrication, e.g. "Castrol Tribol 4020/460-2" or a comparable product.

10.2 Cleaning

To ensure that the guide rollers function properly, the threaded spindle and the inner surfaces of the lift table troughs - especially the sliding surfaces - must always be clean. Dirt can damage or block the guide rollers and should therefore be thoroughly removed before each use.

	Do not use aggressive or toxic cleaning agents!
	<u>Risk of injury!</u> ***During cleaning work, be aware of areas where there is a risk of crushing or shearing.***

11 Decommissioning

- Before taking out of service, the platform of the lift table must be lowered completely.
- For recommissioning, observe chapter ⇨ 6.5 “Installation and commissioning “.
- For the final scrapping of the lift table, please refer to chapter ⇨ 12.

12 Disassembly and Scrapping

When dismantling and scrapping the lift table, the current EU regulations or the respective regulations and laws of the country of operation, which are prescribed for proper dismantling and disposal, must be observed. The aim is to dismantle the lift table and its various materials and components properly, to recycle all possible parts and to dispose of non-recyclable components in the most environmentally friendly way.

Please pay particular attention to

- *the dismantling of the lift table in the working area*
- *proper dismantling of the lift table and accessories*
- *a safe and proper removal of the lift table*
- *proper separation of all components and materials.*

When dismantling and disposing the lift table, the laws and regulations in force at the place of use concerning health and environmental protection must be observed.

Remove all residues of oil, grease and other lubricants and have them disposed of properly by a qualified disposal company.

When separating, disposing of or recycling the lift table materials, comply with the environmental protection laws in force at the place of use regarding the disposal of industrial solid waste toxic and hazardous waste.

- ***Hoses and plastic parts as well as other components that are not made of metal must be dismantled and recycled or disposed of separately.***
- ***Dismantle the base frame and all metal parts of the lift table and sort them according to material type. Metals can be melted down and recycled.***

In the event of improper disposal of lubricants, the following residual risks to the environment and health exist:

Pollution of the environment by seepage into groundwater or sewage system.

Poisoning of the personnel contracted for the disposal.

Note: The disposal of lubricants considered toxic and hazardous must be carried out in accordance with the regulations and laws in force at the respective place of use. Only qualified disposal companies that have the appropriate permits for the disposal of used oil and lubricants are to be commissioned with the disposal.

EU - Declaration of Conformity

in accordance with the EU Machinery Directive 2006/42/EC Annex II A

The manufacturer,

Fa. Reinhold Beck
Maschinenbau GmbH
Im Grund 23
DE-72505 Krauchenwies (Germany)
Phone: 0049 - 7576 962 978 0
Fax: 0049 - 7576 962 978 90

hereby declares that the manufactured machine

Model:	**HS 100**
Type designation:	Lift Table
Function:	Lifting and lowering
Year of manufacture:	

in the version provided complies with the **EC Machinery Directive 2006/42/EC, Annex II A** and the following additional directives.

The following harmonised standards and instructions have been applied in manufacturing the machine:

EN ISO 12100:2010

Safety of machinery, General principles for design, Risk assessment and risk reduction

EN ISO 13857:2019

Safety of machinery, Safety distances to prevent hazard zones being reached by upper and lower limbs

DIN EN 1570-1:2024-07 / EN 1570-1:2024

Safety requirements for lifting tables, Part 1: Lifting tables serving up to two fixed landings

Name:	Beck
First name:	Reinhold
Position:	Managing Director

Krauchenwies, 11.06.2026

Place and date

Signature