

Instruction for assembly and use

**Rise-Tec - Leaning ladders / standing ladders /
Multipart combination ladders /
Extendible ladders / foldable ladders**



English

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1. introduction



Read before using!

Attention:

In case of non-professional use there is danger to life!

In case of any questions,
please contact our head quarter in Bad Camberg.

The present instruction for use and assembly describes the safe operation of:

Leaning ladders
Standing ladders
Multipart combination ladders
Extendible ladders
Foldable ladders

Observe the local, regional and national rules.

Make sure that the instruction for assembly and use is available for the operators and service technician and all hints, warnings and safety regulation will be observed in detail.

If the ladder is handed on please also hand on this instruction.

2. general safety hints:

- Danger of suffocation due to the packing
- If the product is handed on the instruction for assembly and use has be handed on as well.
- changes to the ladder, which have not been authorized by the manufacturer, result in termination of warranty and guarantee.
- damages, which might influence the safety, have to be repaired without any delay.
- There is danger of accident if the ladder is positioned incorrectly
- In case of commercial use, operation only by qualified staff
- In case of health impairment the ladder should not be used or only in a limited way
- According to the latest **DIN EN 131** leaning ladders with a length of more than 3m when being extended, should have a stabilizer for increasing the stability. The length of the stabilizer depends on the length of the ladder, but is limited to 1.20m width, for preserving the handiness of the ladder.
- According to the latest **DIN EN 131** it is not allowed to use single ladder parts of extension or multifunctional ladders, if they are longer than 3m.
That is why it is no longer possible to separate single ladder parts of those ladder types.

3. appropriate use

The ladder is a mobile work equipment which can be used at different places. With the ladder working at height of small extent, for which no other work equipment is reasonable, can be realized. (see safety regulation for operating materials)
The ladder may only be used as described in the instruction for assembly and use. Any other use is non-appropriate.

We take no responsibility for damages which arise due to non-appropriate use. Basic requirement for the handling to security is the knowledge of the safety hints and

the safety regulations.

This assembly instruction, especially the safety hints, have to be observed by all persons which are working with the ladder. Furthermore the rules and regulations for prevention of accidents effective for the respective location have to be observed.

4. Technical information

The relevant technical information for each product as well as the specific operator pictogram and the design are labeled on the product.

5. Scope of delivery

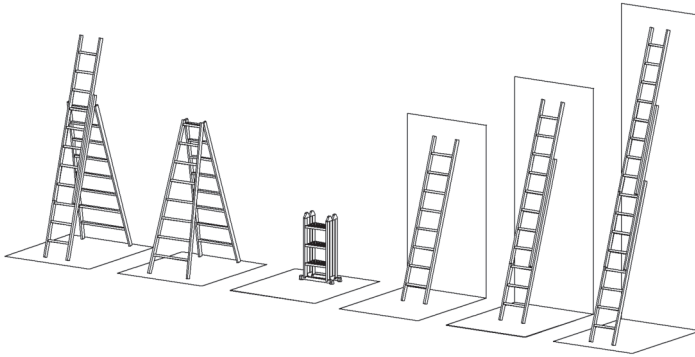
The ladder as well as this instruction for assembly and use are scope of delivery.

6. Instruction for assembly

Normally ladders are delivered completely assembled. If before use parts have to be assembled this is described in a separate instruction for assembly.

7. Assembly/use

During assembly and use of the ladder the labeled hints on the product have to be observe.



7.1 safety hints for all ladder types

Danger of falling



Do not erect ladder on contaminated ground



Read the instructions



Maximum number of users



Inspect the ladder after delivery. Before every use visually check if the ladder is not damaged and if it is safe to use. Do not use a damaged ladder



Do not ascend or descend unless you are facing the ladder



Maximum total load



Keep a secure grip on the ladder when ascending, descending and working



Do not use the ladder on an unlevel or unfirm base



Avoid work that imposes a sideways load on the ladders, such as side-on drilling through solid materials



Do not overreach



Do not carry equipment which is heavy or difficult to handle while using a ladder



Do not wear unsuitable footwear when climbing a ladder



Do not use the ladder if you are not fit enough. Certain medical conditions or medications, alcohol or drug abuse could make ladder use unsafe



Do not spend long periods on a ladder without regular breaks (tiredness is a risk)

Prevent damage of the ladder when transporting e.g. by fastening and ensure they are suitably placed to prevent damage

Ensure the ladder is suitable for the task

Do not use the ladder if contaminated, e.g. with wet paint, mud, oil or snow.

Do not use the ladder outside in adverse weather conditions, such as strong wind

For professional use a risk assessment shall be carried out respecting the legislation in the country of use

When positioning the ladder take into account risk of collision with the ladder e.g. from pedestrian, vehicles or doors. Secure doors (not fire exits) and windows where possible in the work area

Identify any electrical risks in the work area, such as overhead lines or other exposed electrical equipment and do not use the ladder where electrical risks occur



Use non-conductive ladders for unavoidable electrical work

Do not use the ladder as a bridge

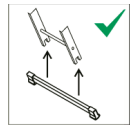


Do not modify the ladder design

Do not move the ladder while standing on it

Observe the wind while working outside

If the ladder was delivered together with stabilizers, those have to be assembled by the operator prior the first use



Ladder for domestic use (Non-Professional)

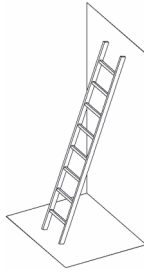


Ladder for industrial use (Professional)



**7.2 safety hints
for leaning ladders**

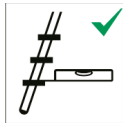
**For type 8005, 8006,
8007, 8601**



Leaning ladders with rungs shall be used at the correct angle



Leaning ladders with steps shall be used that the steps are in a horizontal position



Ladders used for access to a higher level shall be extended at least 1m above the landing point and secured, if necessary



Only use the ladder in the direction as indicated (only if necessary due to the design of the ladder)



Do not lean the ladder against unsuitable surfaces



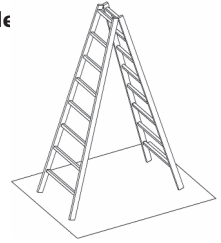
The ladder shall never be repositioned from above

Do not stand on the top 3 steps/rungs of a leaning ladder.



**7.3 safety hints
for standing ladders**

**For type 8611, 8616,
8671**



Do not step off the side of standing ladders



Open the ladder completely before use



Use the ladder with restraint devices only when engaged



Standing ladders shall not be used as a leaning ladder unless it is designed to do so



Do not stand on the top two rungs/steps of a standing ladder without a platform and a hand/knee rail

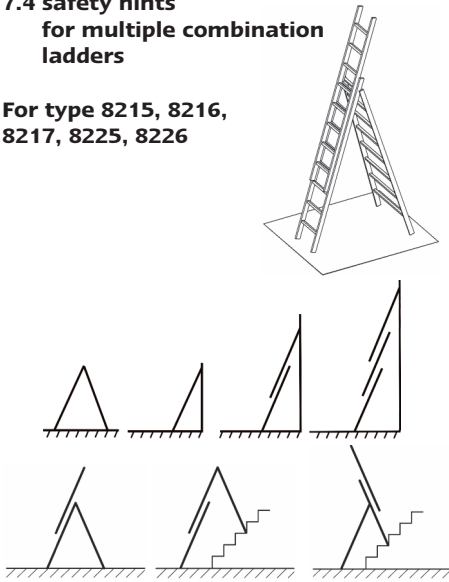


Any horizontal surface which looks like a platform on a standing ladder that is not designed for standing on (e.g. plastic work tray) shall clearly be marked



**7.4 safety hints
for multiple combination
ladders**

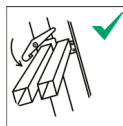
**For type 8215, 8216,
8217, 8225, 8226**



When used as standing ladder with extended ladder part or in the stairway position, do not climb above the rung or tread recommended by the producer and in no case on the top four rungs/steps, as indicated on the rung.



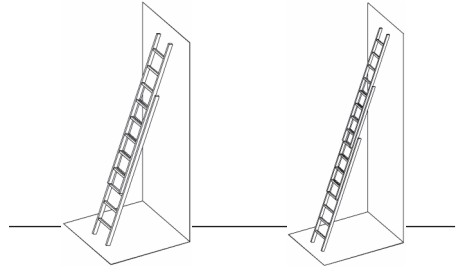
Locking devices, if fitted, shall be fully secured before use, if this does not happen automatically



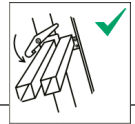
Note:
The safety hints for leaning ladders and standing ladders have to be observed for such type of operation

**7.5 safety hints
for extendible ladders**

For type 8205, 8207, 8236, 8250, 8275



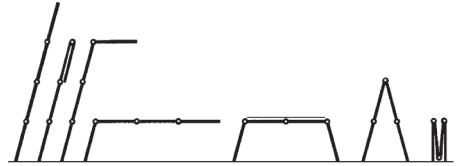
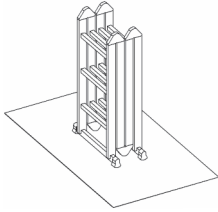
Locking devices, if fitted, shall be fully secured before use if this does not happen automatically



The untied end of the rope has to be fixed to the ladder

Note:
The safety hints for leaning ladders have to be observed.

**7.6 safety hints
for foldable ladders**



Foldable ladders have to be folded and unfolded lying on the ground, not positioned for operation

Make sure the joints are engaged

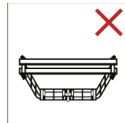


If the ladder is used as platform only the working board recommended by the manufacturer may be used. The working board has to be secured before use (only if necessary due to the design)



Note:
The safety hints for leaning ladders and standing ladders have to be observed for such type of operation

Forbidden positions. Placed upside down (only if necessary due to the design)



Maximum load of the standing area in scaffold position



8. Service/maintenance

Service and maintenance of the ladders are precondition for a fully functional operation. For cleaning no aggressive detergents should be applied.

Repair may only be realized by a qualified person observing the manufacturer's instructions. For commercial use the ladder has to be checked regularly by a qualified person.

Regularly checks should be done concerning the following criteria: (also see chapter 13)

- Verify that the stiles have not been bended, twisted, dented, are not torn, rusted or rotted; ,
- Verify that the stiles have not been damaged where attached to other parts.
- Verify that the fixations (normally rivets, screws or bolts) are not missing, not loose or damaged.
- Verify that all rungs/steps are not missing, loose, intensely worn, rusted or damaged
- Verify that all joints between front and back side are not damaged, loose or rusted
- Verify that the platform rests horizontally, that the restraints and corner joints are not missing, not bend, loose, rusted or damaged
- Verify that the rung hooks are not missing, damaged, loose or rusted and are correctly hooked to the rungs
- Verify that the ladder guide is not missing, not damaged, loose or rusted and has correct grip to the stile
- Verify that the rubber feet / end caps are not missing, not loose, intensely worn, rusted or damaged
- Verify that the entire ladder is not dirty (e.g. dirt, soil, paint, oil or grease)

- Verify that the locking devices (if assembled) are not damaged or rusted and work properly
- Verify whether the platform (if assembled) has no missing, damaged or rusted parts or attachments

9. Storage

In order to keep the ladder in a functional condition, the following points concerning storage should be observed:

- The ladder should only be stored in a clean, dry place without considerable variation in temperature.
- Storage position should guarantee its straight condition, (e.g. hanging on the stiles on proper ladder hooks or lying on a clean, tidy underground).
- Storage should not be realized in places where they could be damaged by vehicles or heavy objects.
- The ladder must not be a tripping hazard or obstacle due to storage
- If the ladder is supposed to be assembled permanently (e.g. scaffolds), it must be guaranteed that it cannot be used by unauthorized persons (e.g. by children).
- Safe storage of the ladder, in order to avoid easy access for criminal intents

10. Packing / disposal

Packing has to be disposed according to the current regulations and rules. After serviceability the ladder has to be disposed according to the current regulations.

Aluminium is a high-quality material and should be recycled.

11. serviceability

The ladder is a work equipment with long-term use, if it will be stored / maintained and operated according to its designated use.

12. manufacturer's data:

Rise- Tec Leitern
Hassler & Hassler GmbH u. Co. KG
Dieselstr. 14
D-65520 Bad Camberg

Tel. 06434 / 2079860
Fax 06434 / 2079889
E-Mail: info@rise-tec.de
Internet: www.rise-tec.de

13. Control sheet:

Control sheet for portable ladders



Inventory number of the ladder	
Place/department	
Laddertype	<input type="checkbox"/> leaning ladder <input type="checkbox"/> combination ladder <input type="checkbox"/> telescopic ladder <input type="checkbox"/> platform ladder <input type="checkbox"/> rope-operated ladders <input type="checkbox"/> scaling ladder <input type="checkbox"/> standing ladder <input type="checkbox"/> step <input type="checkbox"/> others _____
Material of the ladder	<input type="checkbox"/> aluminium <input type="checkbox"/> steel <input type="checkbox"/> plastic material <input type="checkbox"/> stainless steel <input type="checkbox"/> wood
Amount of rungs/steps	
Length of the ladder/ ladder shortened to	
Manufacturer/dealer	
Artikel-/type no	
Date of purchase	
Date of scrapping	
Name of the Qualified Person	
Next control	See control label

The test result has to be recorded in the table overleaf!

Test criteria test result→	1. test		2. test		3. test		4. test		5. test	
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
1. Stiles										
- Deformation?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
- Damage (e.g. cracks)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
- Sharp edges, chips, grade?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
- Abrasion?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
- Protective treatment (for wood)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Rungs/steps/platform										
- Deformation?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
- Damage (e.g. cracks)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
- Sharp edges, chips, grade?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
- Connection to the stile (e.g. flanged, screwed/riveted, weldseam)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
- Wear and tear (e.g. tread, platform)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Spreader lock										
- Complete/fixation?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
- Functionality?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
- Damage?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Fitting parts										
- Damage/corrosion?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
- Complete/fixation?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
- Functionality?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
- Abrasion?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
- Lubrication (mechanical parts)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Floor protectors / rolls										
- Complete/fixation?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
- Abrasion/damage?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
- Functionality?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Accessory (e.g. stile extension, foot enlargement, wall brace)										
- Complete/fixation?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Marking										
- Instruction for use (e.g. icons)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Test result										
- Ladder ok and ready for use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
- Repair requested?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
- Scrap ladder immediately?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Remarks										
Next examination:										
Month / year										
Ladder checked:										
Date										
Signature										