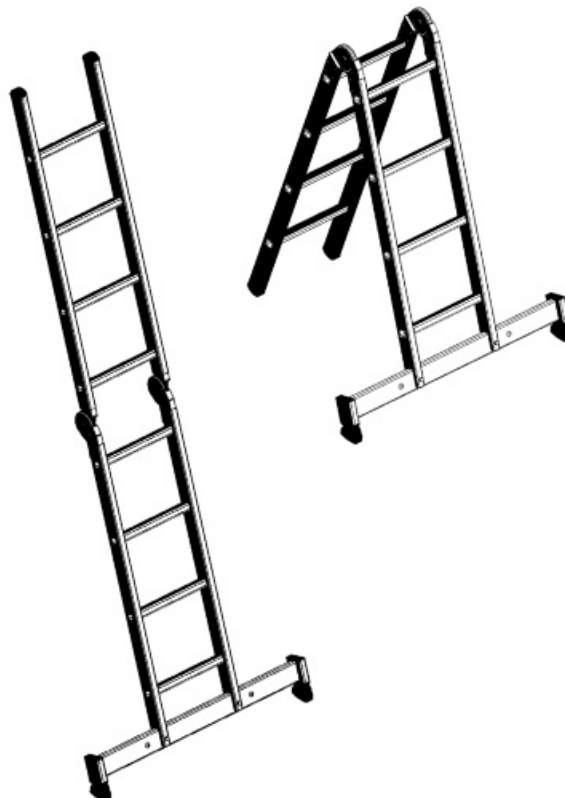




MUNK 11157 Diverse Application Ladders Instruction Manual

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32208 – 32216, 32308 – 32312
11111 – 11157, 31310 – 31314
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11157 Diverse Application Ladders

Instruction manual Diverse-application ladders



Version: 11.07.2023.
00250.780.07.9 ~c
www.steigtechnik.de

Instruction manual Standing ladder



WARNING

The warning indicates a hazard with a medium level of risk which, if not avoided, may result in death or serious injury.



NOTICE

Notice stands for requirements and important information which must be particularly observed.

Introduction

These instructions contain important information on the safe and proper handling of the ladder. Observing the operating instructions helps to avoid hazards as well as to increase the service life of the ladder.



NOTICE

Observe operating instructions! Every Person who works with or on the ladder has to read and understand the operating instructions beforehand.

In case of any queries or doubts, please refer to a dealer or to the manufacturer directly.

Warranty and liability

The scope, period and format of the warranty are laid out in the conditions of sale and delivery from MUNK GMBH.

In the case of warranty claims, the operating instructions applicable at the time of delivery are binding.

Beyond the conditions for sale and delivery, the following applies.

No liability is assumed for personal injury or property damage resulting from one or more of the following:

- Improper use

- Lack of knowledge of or non-observance of the operating instructions
- Incorrect assembly and use of the product
- Incorrectly performed repairs
- Use of anything other than original spare parts
- Use of ladders with defective components
- Inadequately qualified or insufficient assembly and operating personnel
- Unauthorised structural modifications
- Catastrophes caused by external influences or force majeure

It is the sole responsibility of the operator to ensure that the safety conditions are complied with and intended use is ensured.

MUNK GmbH..... Günzburg, 23.08.2023.

Conversions and modifications

In compliance with the legal requirements of the Ordinance on Safety and Health (BetrSichV), persons with sufficient technical knowledge and skills can carry out minor repair work on ladders and steps.

Examples of this include:

- Replacing or installing ladder feet.
- Shortening of the ladder in case of damage to the side-rail ends.

Major repair work should be carried out by authorised specialist companies or the manufacturer.

Copyright

These instructions apply to all ladders whose material numbers are listed on the title page.

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The document is intended for the user of the product described and may only be passed on to the purchaser if the ladder is resold.

Subject to technical modifications and errors. No claims to specific properties of the product can be derived from the contents of these operating instructions.

Intended use

MUNK GMBH ladders comply with the DIN EN 131 series of standards.

Ladders that have been tested and certified for safety by an independent testing institute can be recognised by the seal of approval.

Only use the ladder under the conditions described in these operating instructions.

Any other use is considered improper. Ladders for professional use The use of ladders as high-level workplaces is only permitted in cases where, because of the low level of risk and because the duration of use is short, the use of other safe work equipment is not

appropriate and the risk assessment has established that the work can be carried out safely.



NOTICE

DGUV Guideline

The guideline for the use of ladders and steps (DGUV-I 208-016) lists the regulations of the German Work Safety Act, the Ordinance on Safety and Health (BetrSichV), the regulations of the employer's liability insurance association and the relevant standards that must be taken into account when providing and using ladders and steps.

As an implementation of the EU Work Equipment Directive, the BetrSichV stipulates a periodic inspection of work equipment, e.g. ladders, by a person qualified to carry out the inspection. If the articulated ladder is used as a means of access to a higher level, the ladder must be secured against accidental lateral slipping.

Technical data

All ladders listed correspond to the „professional use“ ladder class as per DIN EN 131-2:2017.

The max. load capacity of all the ladders listed in these instruction is 150 kg.

Aluminium folding ladder, 2-part with nivello stabilizer bar

Article number	32208	32212	32216
Work height [m]	3.60	4.70	5.80
Ladder length as LL* [m]	2.50	3.60	4.70
Ladder length as SL* [m]	1.29	1.85	2.41
Rung quantity	2×4	2×6	2×8
Approx. weight [kg]	7.3	9.6	11.3

Aluminium folding ladder, 2-part with roll bar

Article number	32308	32310	32312
Work height [m]	3.60	4.70	5.80
Ladder length as LL* [m]	2.50	3.60	4.70
Ladder length as SL* [m]	1.29	1.85	2.41
Rung quantity	2×4	2×6	2×8
Approx. weight [kg]	8.0	10.3	12.0

Aluminium diverse-application ladder, 4-part with nivello stabilizer bar

Article number	11157	31310	31312	31314	11111
Work height [m]	3.40	4.00	4.80	5.30	5.85
Ladder length as LL* [m]	2.30	2.85	3.65	4.20	4.75
Ladder length as SL* [m]	1.20	1.49	1.76	2.02	2.30
Height as WP* [m]	0.63	0.63	0.99	0.99	–
Length as WP* [m]	0.90	1.40	1.40	1.96	–
Rung quantity	4×2	2×2 + 2 ×3	4×3	2×3 + 2 ×4	4×4
Approx. weight [kg]	11.5	12.5	14.0	15.0	15.5

Aluminium diverse-application ladder, 4-part with nivello stabilizer bar

Article number	31416	31410	31412	31414
Work height [m]	3.40	4.00	4.80	5.30
Ladder length as LL* [m]	2.30	2.85	3.65	4.20
Ladder length as SL* [m]	1.20	1.49	1.76	2.02
Height as WP* [m]	0.63	0.63	0.99	0.99
Length as WP* [m]	0.90	1.40	1.40	1.96
Rung quantity	4×2	2×2 + 2 ×3	4×3	2×3 + 2 ×4
Approx. weight [kg]	12.2	13.5	14.0	15.2

Aluminium telescopic ladder, 4-part with stabilizer bar

Article number	32121	32122	32123	32124
Work height [m]	4.20	5.30	6.40	7.50
Ladder length as LL* [m]	3.10	4.20	5.30	6.40
Ladder length as SL* [m]	1.50	2.00	2.55	3.10
Rung quantity	4×3	4×4	4×5	4×6
Approx. weight [kg]	11.3	14.1	17.4	20.0

- LL* = leaning ladder
- SL* = standing ladder
- WP* = working platform

Check the scope of delivery

- The ladders are packed carefully before delivery.
- Check the delivery immediately for damage.
- Report any damage to the transport company immediately.
- Inform your dealer immediately if any parts are missing.



WARNING

Danger of suffocation

The ladders and their packaging are not toys. There is a risk of suffocation when playing with the packaging. Keep the packaging away from children.

- The packaging is to be disposed of in accordance with applicable legislation and statutory regulations.

Transport, Storage

- During transport, make sure that the ladder is handled properly.

- Note the weight of the ladder.
- Do not endanger yourself or other persons during transport.
- To prevent damage and deformation, store ladders in a dry condition, shielded from direct sunlight and weather conditions on a flat, clean surface or on suitable ladder holders.
- Ladders made from thermoplastic, thermosetting plastic and reinforced plastic, or which contain these materials, should be stored out of direct sunlight (UV light).
- Ladders made from wood should be stored away in a dry location.
- Storage should be in locations where ladders cannot be damaged by vehicles, heavy objects or contaminants.
- During storage, make sure that the ladders do not pose a risk of tripping or an obstacle.
- Ladders should not be stored with easy accessibility to restrict their use for criminal purposes.

Safety notes



WARNING

Danger of accidents

Always consider possible risks when using the ladder. The ladder must be suitable for the intended use. Carry out any work with and on the ladder in such a way that the dangers are kept to a minimum.



WARNING

Danger of accidents

When ladders are set-up permanently, make sure that they are not being used by unauthorised persons (e.g. children).

Safety marking

In accordance with DIN EN 131-3, the use of different ladder types is to be explained with symbols. Below, we present the symbols and minimum requirements used by us for all ladder types with respect to their meaning. Symbols used:



= permitted / required action



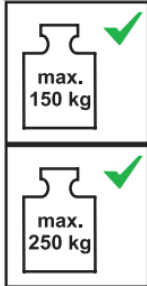



= not permitted / warning



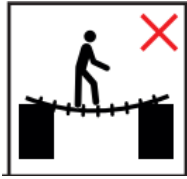
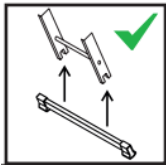


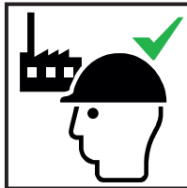



NOTICE




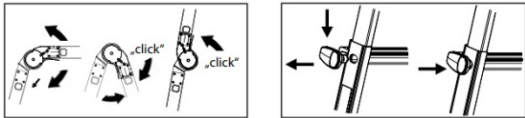
Before using the ladder, read the descriptions of the safety markings carefully. The symbols shown here may be attached to the ladders.

No	Description	Symbol
1	Warning, falling from the ladder.	
2	Refer to instruction manual.	
3	Inspect the ladder after delivery. Before every use visually check the ladder is not damaged and is safe to use. Do not use damaged ladders.	


4	Maximum total load.	
5	Do not use the ladder on unlevel or unfirm base.	
6	Do not overreach.	
7	Do not erect ladders on contaminated ground.	
8	Maximum number of users.	
9	Do not ascend or descend unless you are facing the ladder	
10	Keep a secure grip on the ladder when ascending and descending. Maintain a handhold whilst working from a ladder or take additional safety precautions if you cannot.	
11	Do not wear unsuitable footwear when climbing a ladder.	
12	Avoid work that imposes a sideways load on ladders, such as side-on drilling through solid materials.	
13	Do not carry equipment which is heavy or difficult to handle while using a ladder.	
14	Do not use the ladder if you are not fit enough. Certain medical conditions or medication, alcohol or drug abuse could make ladder use unsafe.	
15	Do not spend long periods on a ladder without regular breaks (tiredness is a risk).	
16	Prevent damage of the ladder when transporting e.g. by fastening and, ensure they are suitably placed to prevent damage.	
17	Ensure the ladder is suitable for the task.	

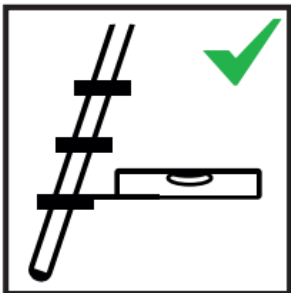




18	Do not use the ladder if contaminated, e.g. with wet paint, mud, oil or snow.	
19	Do not use the ladder outside in adverse weather conditions, such as strong wind.	
20	For professional use a risk assessment shall be carried out respecting the legislation in the country of use.	
21	When positioning the ladder take into account risk of collision with the ladder e.g. from pedestrians, vehicles or doors. Secure doors (not fire exits) and windows where possible in the work area.	
22	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.	 
23	Use non-conductive ladders for unavoidable work under electrical voltage	
24	Do not use ladders as a bridge.	
25	Do not modify the ladder design.	
26	Do not move a ladder while standing on it.	
27	For outdoor use caution to the wind.	
28	Stabilizer bars must be attached to the ladder prior to first use.	
29	Ladders for domestic use (non professional).	 
30	Ladder for professional use.	 

Additional symbols and minimum requirements for single or multi-hinge ladders





No	Description	Symbol
1	Single or multi-hinge ladders should be opened out and collapsed while lying on the floor and not in their position of use.	
2	If the ladder is to be used as a platform, only platform components recommended by the manufacturer may be used. The platform component must be secured prior to use (if the design requires it).	
3	Do not use diverse-application ladders in forbidden positions (M-position, reverse position).	
4	Maximum possible load capacity of the platform in scaffold folding position 150 kg.	
5	Ensure that the hinges are locked.	
6	Ensure that the hinges and the lock levers (height adjustment) are locked	

Additional symbols and minimum requirements for leaning ladders.

No	Description	Symbol
1	Leaning ladders with rungs shall be used at the correct angle.	

2	Leaning ladders with steps shall be used that the steps are in a horizontal position.	
3	Ladders used for accessing great heights must be extended at least 1 m beyond the leaning point and secured if necessary.	
4	Only use ladders in the direction as indicated. (Only if necessary due to design of ladder).	
5	Do not lean the ladder against unsuitable surfaces.	
6	Ladders shall never be moved from the top.	
7	Do not stand the top three steps/rungs of a leaning ladder. For telescopic ladders the last metre shall not be used.	

Additional symbols and minimum requirements for standing ladders

No	Description	Symbol
1	Do not step off the side of standing ladder onto another surface.	
2	Open the ladder fully before use	
3	Only the ladder with restraint devices engaged only.	
4	Standing ladders shall not be used as a leaning ladder unless it is designed to do so.	
5	Do not stand on the top two steps/rungs of a standing ladder without a platform and a hand/knee rail.	
6	Areas thus marked must not be entered.	

5 (required for Netherlands)	Do not use the top three steps/rungs of a standing ladder without a platform or holding device for hand/knee as a standing surface. If this ladder is equipped with a holding device for the hand/knee at a height of at least 60 cm, measured from the highest standing surface, and this is pulled out in the usage position, the ladder can be climbed to the highest possible height.	
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Repair and maintenance

Depending on usage frequency and environmental influences, ladders must be serviced regularly. This involves cleaning, function checks of moving parts and, if necessary, lubricate.

Cleaning

If visibly dirty, clean the ladders, especially all moving parts, as soon as possible after use.

- Treat heavy soiling with warm water and commercially available cleaning agents, and dry down the ladders with a clean cloth.



NOTICE

Do not use cleansers containing solvents. Dispose of used cleaning agents in accordance with the applicable environmental protection regulations.

Maintenance

Maintenance measures may only be carried out by skilled, commissioned and instructed employees or by other contractors with comparable qualifications who are suitable for carrying out the maintenance work.

- Make sure that rungs, steps, step pads or platforms are not covered in grease or oil, or become so. If this does occur, clean the affected areas immediately; e.g. with some spirit.
- Moving parts- such as hinges, lift locks, spring bolts, etc. – are to be treated with commercially available spray grease (e.g. HHS 2000) if required.

Repair

Carry out any repairs or replacements of parts in accordance with the manufacturer's specifications.

In the case of ladders used for professional purposes, maintenance and repair work must be inspected by a person qualified to carry out the inspection. This person must have acquired knowledge to carry out this work, e.g. by attending a training course provided by the manufacturer.

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

Contact the manufacturer or dealer for repairs and replacements of parts, e.g. feet. In case of doubt, have ladders repaired by specialist companies or the manufacturer.



NOTICE

For notes on repairs, please refer to:

<https://www.steigtechnik.de/Downloads/Anleitungen/werkstattkarten.pdf>

Paint finish for a wooden ladder

Ladders made from wood must not be covered with opaque or water vapour-tight paints.

Disposal

- At the end of its service life, the ladders must be disposed of in accordance with statutory regulations.
- Since aluminium is a high-value material, this should be fed back into the recycling process.
- You can find detailed information on this matter from your local municipality.

Check/inspection sheet for all ladder types

Check sheet for the checking of steps and ladders in accordance with BetrSichV, the directions for use for steps and ladders, DGUV information sheet 208-016 (formerly BGI 694).

The time intervals for the inspections are based in particular on frequency of use, load values during use, as well as the frequency and severity of the detected deficiencies of previous inspections.

The results of this inspection are to be recorded.

Inventory no.....

Location.....

Type of ladder

- ☐ Leaning ladder
- ☐ Rope-operated ladder
- ☐ Platform ladder
- ☐ Sectional ladder
- ☐ Other
- ☐ Standing ladder
- ☐ Combination ladder
- ☐ Extending ladder
- ☐ Step stool
- ☐

Ladder material

- ☐ Aluminium
- ☐ Steel
- ☐ Wood
- ☐ Plastic
- ☐ Stainless steel
- ☐ Plastic / aluminium

Ladder data

Ladder length/height.....

Number of rungs/steps.....

Max. load.....

Fittings (e.g. EX-design) Certification mark

: ☐ Yes

☐ No

(GS-mark/Bauart geprüft [type tested])

Data after a repair

Ladder length/height.....

Number of rungs/steps.....

Manufacturer /supplier

Order no.....

Purchase date.....

Inspection performed by.....

Responsible persons informed.....

Comment:.....

List of the minimum parts to be checked

	1st inspection		2nd inspection	
Inspection criteria	OK	n.OK	OK	n.OK
Rungs / steps / platform				
Deformation				
Damage (e.g. cracks) / corrosion				
Connections and completeness				
Wear (platform covering, tread surface)				
Sharp edges / splinters / burrs				
Stiles/legs				
Deformation				
Damage (e.g. cracks) / corrosion				
Sharp edges / splinters / burrs				
Wear				
Protective coatings				
Fittings / joints / locks / connecting elements / rung hooks / rivets / screws / bolts				
Completeness / fixing				
Damage (e.g. cracks) / corrosion				
Wear				
Firm fitting				
Functionality				
Lubrication (mechanical parts)				
Ladder feet / rollers / end caps				
Firm fitting of the fixing / completeness				
Wear / damage				
Functionality				
Corrosion				

Inspection criteria	OK	n.OK	OK	n.OK
Opening restraint device / lock				
Fixing / completeness				
Damage				
Corrosion				
Functionality in horizontal position				
Accessories				
Damage / deformation				
Functionality				
Corrosion				
Sharp edges / splinters / burrs				
Discharge capacity (for EX execution)				
General				
Ladders free of contaminants (e.g. dirt, paint, oil or grease)				
Marking present				
Operating instructions				
Result				
Ladder OK and ready for use				
Repair necessary				
Ladder blocked				
Ladder checked	Date			
	Name			
	Signature			
Next inspection:	Date			

Safety. Made in Germany.

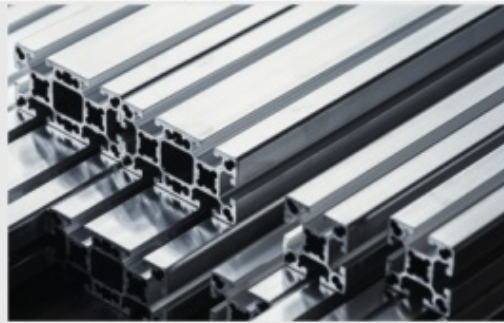
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Documents / Resources

	<p>MUNK 11157 Diverse Application Ladders [pdf] Instruction Manual 11157, 31310, 31312, 31314, 31416, 31410, 31412, 31414, 11157 Diverse Application Ladders, 11157, Diverse Application Ladders, Application Ladders, Ladders</p>
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References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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