## D覴MMIBICH-LEITEIRN




In April 1925, Otto Dämmrich founds the company "Otto Dämmrich, Holzwaren - Fabrikation" at the entrance to Weißenborner Mühltal and moves to a field plot in what is now Eisenberger Straße in the early 1930s.

After the death of the company founder in 1954, his wife Elly Dämmrich continued the business with the support of their sons Achim and Karl.


In 1972, Karl Dämmrich took over the business from his mother. He modernizes and expands production despite the difficulties in the GDR and continues to run the business after reunification until 2002.



With the takeover in August 2002, Roger Dämmrich continues to run the business in the third generation under the company name "Dämmrich Leitern".

The focus of the company until reunification was the traveling trade and private customers, the company strategy has changed since 1990.

The product range is being expanded, new machines are being purchased and, at the latest with the opening of a second, automated part of the company in summer 2020, Dämmrich Leitern is developing into one of the leading manufacturers of wooden ladders in Germany. So there is more than 90 years of tradition and experience in the manufacture of wooden ladders, which has been continued in the third generation by Mr. Roger Dämmrich since August 2002.

Kerstin Jeserich, birth name Dämmrich, has been responsible for all business accounting tasks since 1993.

Sandra Dämmrich joined the business in 2013 and has been supporting the accounting and production of the family business ever since.
 tasks since 1993.


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## Construction ladders

- Half-round spars made of spruce
- Flat rungs made of softwood
- Rungs tapped and nailed
- Step distance 28 cm
- Ladders comply with DIN 4567 "Ladders for special use"


| Item number | Rungs | Length $[\mathrm{m}]$ | Width below $[\mathrm{cm}]$ | Weight $[\mathrm{kg}]$ |
| :---: | :---: | :---: | :---: | :---: |
| 130030 | 10 | 3,00 | 45,00 | 14,50 |
| 130040 | 14 | 4,00 | 47,00 | 18,50 |
| 130050 | 17 | 5,00 | 48,00 | 24,00 |
| 130060 | 21 | 6,00 | 49,00 | 29,00 |

## Single ladders

- Solid softwood spars $22 \times 65 \mathrm{~mm}$
- Beech rungs $22 \times 44 \mathrm{~mm}$
- Step distance 28 cm
- Special double square dovetailing and PUR hot melt for a permanent rung-stile connection
- With non-slip rubber feet according to DIN EN 131
- are delivered individually wrapped in foil


| Item number | Rungs | Length $[\mathrm{m}]$ | Width below [cm] | Weight [kg] |
| :---: | :---: | :---: | :---: | :---: |
| 150061 | 6 | 1,80 | 37,00 | 4,80 |
| 150071 | 7 | 2,08 | 37,00 | 5,60 |
| 150081 | 8 | 2,36 | 37,00 | 6,40 |
| 150101 | 10 | 2,99 | 37,00 | 9,50 |

Single ladders with wide steps and board, in

## foil

- mainly for domestic use (loft bed ladder, floor access)
- Bar thickness $22 \times 70 \mathrm{~mm}$
- Stiles and steps made of selected knot-free solid coniferous wood
- Steps are embedded in Holm, glued and screwed
- Step distance 20 cm
- Step width 82 mm
- with board
- are individually wrapped in foil


| Item number | Steps | Length $[\mathrm{m}]$ | Width below $[\mathrm{cm}]$ | Weight $[\mathrm{kg}]$ |
| :---: | :---: | :---: | :---: | :---: |
| 161091 | 9 | 2,05 | 40,00 | 6,80 |
| 161101 | 10 | 2,25 | 40,00 | 7,30 |
| 161111 | 11 | 2,45 | 40,00 | 7,80 |
| 161121 | 12 | 2,65 | 40,00 | 8,30 |
| 161141 | 14 | 3,05 | 40,00 | 9,30 |
| 161151 | 15 | 3,25 | 40,80 |  |

## Roof ladders and roof ladders with aluminum tape (A)

- Softwood timber spars
- Rungs made of solid beech, arched, cut and screwed 4 times
- Ladder width 36 cm (alternatively in 32 cm or 39 cm )
- Bar dimensions $22 \times 54 \mathrm{~mm}$
- Step distance 28 cm


| Item number | Rungs | Length $[\mathrm{m}]$ | Weight [kg] |
| :---: | :---: | :---: | :---: |
| 2000836 (A) | 8 | 2,29 | 5,20 |
| 2001036 (A) | 10 | 2,85 | 6,50 |
| 2001236 (A) | 12 | 3,41 | 7,80 |
| 2001436 (A) | 14 | 3,97 | 9,00 |
| 2001636 (A) | 16 | 4,53 | 10,50 |
| 2001736 (A) | 17 | 4,82 | 11,00 |
| 2001836 (A) | 18 | 5,09 | 11,50 |

## Double ladders

- Solid softwood spars $22 \times 65 \mathrm{~mm}$
- Beech rungs $22 \times 44 \mathrm{~mm}$
- Step distance 28 cm
- Special double square dovetailing and PUR hot melt for a permanent rung-stile connection
- with tool bag
- Protection against splaying by firmly pressed textile straps
- Wooden transport lock at the foot of the ladder


| Item number | Steps | Length [m] | Stand height [cm] | Width below [cm] | Weight [kg] |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 300031 | $2 \times 3$ | 0,97 | 30,00 | 0,47 | 5,70 |
| 300041 | $2 \times 4$ | 1,24 | 55,00 | 0,50 | 7,40 |
| 300051 | $2 \times 5$ | 1,52 | 80,00 | 0,53 | 8,90 |
| 300061 | $2 \times 6$ | 1,81 | 105,00 | 0,56 | 10,40 |
| 300071 | $2 \times 7$ | 2,09 | 130,00 | 0,59 | 12,50 |
| 300081 | $2 \times 8$ | 2,65 | 160,00 | 0,62 | 14,30 |
| 300091 | $2 \times 9$ | 185,00 | 0,65 | 15,70 |  |
| 300101 | $2 \times 10$ | 210,00 | 0,68 | 17,50 |  |

Double ladders special with wide rungs

- For high ergonomic demands
- Solid softwood spars $24 \times 60 \mathrm{~mm}$
- Rungs made of beech, weatherproof, tapped, glued and nailed
- Spread protection by textile straps
- Step distance 27 cm
- Dimensions of the two upper rungs $25 \times 45 \mathrm{~mm}$
- Rungs $30 \times 50 \mathrm{~mm}$ milled with anti-slip ribbing
- Ladders also comply with the Swedish standard "Svensk Standard SS 2091"


| Item number | Steps | Length $[\mathrm{m}]$ | Width below [cm] | Weight [kg] |
| :---: | :---: | :---: | :---: | :---: |
| 303040 | $2 \times 4$ | 1,20 | 47,50 | 7,50 |
| 303050 | $2 \times 5$ | 1,47 | 51,00 | 9,00 |
| 303060 | $2 \times 6$ | 1,74 | 54,00 | 10,50 |
| 303070 | $2 \times 7$ | 2,01 | 57,00 | 13,30 |
| 303080 | $2 \times 8$ | 2,28 | 60,50 | 14,00 |
| 303090 | $2 \times 9$ | 2,85 | 68,50 | 16,50 |
| 303100 | $2 \times 10$ |  | 19,00 |  |

## Double Stepladders

- Stiles and steps made of knot-free softwood
- Bar thickness $24 \times 70 \mathrm{~mm}$
- Steps $22 \times 85 \mathrm{~mm}$
- Steps are embedded in the stile, screwed with spindles underneath
- Spread protection by screwed textile straps
- Step distance 25 cm
- are delivered packed in foil


| Item number | Steps | Length $[\mathrm{m}]$ | Width below [cm] | Weight $[\mathrm{kg}]$ |
| :---: | :---: | :---: | :---: | :---: |
| 310022 | $2 \times 2$ | 0,48 | 38,00 | 3,60 |
| 310032 | $2 \times 3$ | 0,72 | 40,50 | 5,40 |

## Working Trestles, foldable

- Solid softwood spars $22 \times 65 \mathrm{~mm}$
- Beech rungs $22 \times 44 \mathrm{~mm}$
- Special double square dovetailing and PUR hot melt for a permanent rung-stile connection
- support board glued and nailed


| 400021 | $2 \times 2$ | 80,00 | 64,00 | 5,20 |
| :--- | :--- | :--- | :--- | :--- |
| 400031 | $2 \times 3$ | 90,00 | 64,00 | 5,50 |

## Spar extensions

- made of solid softwood
- suitable for item 300 and 303
- for setting up the ladder on stairs and uneven surfaces
- including 4 stable tension clamps for attachment to the handlebar
- Total length 150 cm


| Item number | Length $[\mathrm{m}]$ | Width $[\mathrm{cm}]$ incl. clamps | Weight $[\mathrm{kg}]$ |
| :---: | :---: | :---: | :---: |
| 305015 | 1,50 | 7,00 | 2,00 |

## Tool bags

- made of tear-resistant textile
- for storing tools / accessories
- Dimensions approx. $26 \times 9 \times 11 \mathrm{~cm}$
- Weight about 80 g



## Rubber feet stepladders

- non-slip rubber feet for a safe stand of your ladder
- to clip on, do not have to be additionally fastened
- Scope of delivery per order -> Set of 4 pieces
- for stepladders with item number 300 (stile thickness $22 \times 65 \mathrm{~mm}$ )
- as well as for stepladders with article number 314 (stile thickness $22 \times 70 \mathrm{~mm}$ )


| Item number | To use for | Piece per order |
| :---: | :---: | :---: |
| 308650 | Stile thickness $22 \times 65 \mathrm{~mm}$ | 4 |
| 308700 | Stile thickness $22 \times 70 \mathrm{~mm}$ | 4 |

## Rubber feet single ladders

- non-slip rubber feet for a safe stand of your ladder
- to be fastened with screws $4.5 \times 16$ (included in scope of delivery)
- as a replacement for single ladder 150
- Scope of delivery -> 1 piece including screw

- Available in green or black depending on availability



## Before using the ladder

a) Are you physically able to use the ladder? Certain health conditions, medication, alcohol or drug abuse can lead to a safety hazard when using the ladder.
b) When transporting ladders on roof racks or in a truck, ensure they are properly secured/attached to prevent damage.
c) Inspect the ladder after delivery and before first use to determine the condition and function of all parts.
d) Visually inspect the ladder for damage and safe use at the beginning of each working day that the ladder is to be used.
e) Regular inspection is required for commercial users.
f) Ensure that the ladder is suitable for the respective application.
g) Do not use a damaged ladder.
h) Remove all contamination from the ladder, e.g. wet paint, dirt, oil or snow.
i) Before using a ladder at work, a risk assessment should be carried out, taking into account the legislation be carried out in the country of use.

## Position and erect the ladder

a) The ladder must be erected in the correct erection position, e.g. correct erection angle for leaning ladders (angle of inclination approx. 1:4), rungs or treads horizontal and full opening of a stepladder.
b) Locking devices, if fitted, must be fully secured before use.
c) The ladder must stand on a level, horizontal and immovable surface.
d) A leaning ladder should be leaned against a flat, solid surface and secured before use, e.g. by fastening it or using a suitable device to ensure stability.
e) The ladder must never be moved to a new position from above.
f) When positioning the ladder, attention shall be paid to the risk of collision, e.g. with pedestrians, vehicles or doors. Lock doors (but not emergency exits) and windows in the work area if possible.
g) Identify any hazards posed by electrical equipment in the work area, e.g. overhead high voltage power lines or other exposed electrical equipment.
h) The ladder must be placed on its feet, not on the rungs or steps.
i) The ladders must not be placed on slippery surfaces (e.g. ice, bare surfaces or clearly soiled solid surfaces), unless additional measures are taken to prevent the ladder from slipping or that the soiled areas are sufficiently clean.

## Use of the ladder

a) Do not exceed the maximum payload of the ladder.
b) Do not lean out too far, users should hold their belt buckle (the navel) between the bars and stand with both feet on the same step/rung.
c) Do not climb down from a single ladder at a great height without additional safeguards, e.g. attachment or use of a suitable device to ensure stability.
d) Do not use stepladders to climb to another level.
e) Do not use the top three steps/rungs of a single ladder as a standing surface.
f) Do not use the top two steps/rungs of a stepladder as a standing surface without a platform and hand/knee support.
g) Do not use the top four steps/rungs of a stepladder with an attached extension ladder as a standing surface.
h) Ladders should only be used for light work of short duration.
i) Use non-conductive ladders for unavoidable work under electrical voltage.
j) Do not use the ladder outdoors in unfavorable weather conditions, e.g. strong winds.
k) Take precautions to prevent children from playing on the ladder.
I) Lock doors (but not emergency exits) and windows in the work area if possible.
m) Climbing up and down facing the ladder.
n) Hold onto the ladder when ascending and descending.
o) Do not use the ladder as a bridge.
p) Wear suitable shoes when climbing the ladder.
q) Avoid excessive side loading, e.g. when drilling in masonry and concrete.
r) Not staying on the ladder for too long without regular breaks (fatigue is a hazard).
s) Leaning ladders for access to a greater height should be extended at least 1 m beyond the leaning point.
t) Items carried when climbing a ladder should not be heavy and easy to handle.
u) Avoid work that causes a lateral load on stepladders, e.g. lateral drilling through solid materials (e.g. masonry or concrete).
v) Hold on with one hand when working on a ladder or, if this is not possible, take additional safety precautions.

## Repair, maintenance and storage

Repairs and maintenance work on the ladder must be carried out by a competent person and in accordance with the manufacturer's instructions. Ladders should be stored in accordance with the manufacturer's instructions.

## Standard requirement of DIN EN 131

## DIN EN 131-1

On January 1, 2018, extensive changes to the standard came into force for ladders that can be used as single ladders in the commercial sector, which require a traverse for single ladders longer than 3 meters. The width of the traverse is proportional to the length of the ladder and the outer width of the ladder and gets wider as the length of the ladder increases.

This does not apply to the following products:

- Article 130, these are subject to DIN 4567, ladders for special use
- Article 150 as these have a maximum length of 2.99 m


## DIN EN 131-2

In the future, all ladders will be divided into commercially used and exclusively privately used ladders. This classification is based on a different basic load in the individual tests of the ladder ( $2,250 \mathrm{~N}$ to 2,700 N ). Furthermore, the tests "Durability test for stepladders", "Test of slip resistance on the floor for single ladders", "Strength test for single ladders with lateral stabilization devices" and "Twist test for single ladders" have been added. The aim of these additional tests is to increase the stability and safety of the products during use. Ladders that are approved for commercial use may also be used in private households at the same time.

Is fulfilled by all ladders of the company Dämmrich


## Safe working according to TRBS 2121-2

## For more safety at work

The TRBS 2121-2 is a technical rule for operational safety and regulates the commercial use of ladders. It is not a separate piece of legislation. Within the scope of its scope of application, it specifies the requirements of the Ordinance on Industrial Safety and Health. If the technical rules are observed, the entrepreneur/commercial user can assume that the relevant requirements of the operational safety ordinance are met and that he is therefore acting in accordance with the law.

## Ladders as a workplace

- Commercial users may use ladders as a workplace if they stand with both feet on a step (min. 80 mm tread) or platform.
- Up to a standing height of 2 meters, the use of step or platform ladders as a high workplace is permitted without restriction.
- With a standing height between 2 meters and 5 meters, ladders may be used for temporary work (up to 2 hours per work shift).


## Ladders as traffic routes

- Up to a height of 5 meters, rung ladders and stepladders may continue to be used as traffic routes (entrance/exit) to highlying workplaces.
- Above 5 meters, ladders may be used as traffic routes if they are only rarely used.


## Use of rung ladders as a workplace in exceptional cases

- In exceptional, well-founded cases (e.g. working in narrow shafts/ergonomic reasons), working on portable ladders with rungs is permitted.
- The entrepreneur/commercial user must document the specific reasons in the risk assessment that is to be carried out for each activity/each construction site.

All dimensions in this catalog are approximate.
The current prices as well as our terms of payment and delivery can be found in the corresponding price list.

## Wood is a natural product!

Due to our different manufacturing and processing techniques, drying and shrinkage cracks can occur in the material.
These do not affect the stability of the product in any way, so they are tolerable and cannot be
 recognized by us as a reason for complaint.


## Responsible:

Dämmrich Leitern
Owner Roger Dämmrich

| Eisenberger Straße 57a | Phone | $(036601) 42738$ |
| :--- | :--- | :--- |
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