



# KRAFTWERK®

quality tools

## Using-Instructions

### 3.8 M TELESCOPIC LADDER

EN



Art. 3986



EN 131-6



Please read these instructions carefully to ensure the safe and effective use of this tool.

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**Read and understand the user manual before using the telescopic ladder. Keep this manual in a safe place and pass it on if you pass on the telescopic ladder.**

### **TECHNICAL SPECIFICATION**

Extended length:	380 cm
Retracted length:	91.5 cm
Width:	48.5 cm
Depth:	9.2 cm
Number of rungs:	13 rungs
Load of capacity:	150 kg
Net weight:	13.4 kg



### **SAFETY INSTRUCTIONS**

#### **Before using the ladder:**

- Check before and after every use the proper functioning and state of all components of the telescopic ladder. Never use the telescopic ladder if it is damaged. Ensure safe use.
- Check before every use the proper function of the locking mechanisms. If the locking mechanisms are not working properly, do not use the ladder.
- Before using the ladder all the extended rung sections must be locked.
- For professional users regular periodic inspection is required.
- Do not use a damaged ladder.
- Before using a ladder at work a risk assessment should be carried out respecting the legislation in the country of use.
- Do not use the telescopic ladder under the influence of pharmaceuticals, drugs, alcohol, etc. or if you feel unwell.
- Ensure that the telescopic ladder is suitable for the respective job.
- Transport the telescopic ladder always in its retracted position. Ensure that the telescopic ladder is properly positioned and fixed on truck to avoid transport damage.
- Remove dirt on the telescopic ladder, such as wet paint, oil or snow before use.

#### **Using the ladder:**

- Ensure the ladder is suitable for the task.
- Always lean the telescopic ladder against a level land solid surface to ensure the stability of the telescopic ladder. Put up the telescopic ladder in an inclination angle of 1:4
- Place the telescopic ladder on a stable, level land immovable surface.
- Do not lean the telescopic ladder against an unstable surface.
- Place the telescopic ladder only on its feet and not on the rungs.

- Do not use the telescopic ladder on slippery ground, such as ice, wet floor, shiny or dirty surfaces, soft or sloping ground, etc. Always take additional safety measures to prevent slipping and to ensure stability.
- Do not use the telescopic ladder upside down.
- When putting up the telescopic ladder ensure that pedestrians, vehicles, etc. cannot collide with the telescopic ladder. Close all doors and windows within the working area, except the emergency exits, if possible.
- Determine all hazards from electric equipment in the proximity of the work area, e.g. cables or other accessible electric equipment. Do not use conducting telescopic ladders for unavoidable electric jobs.
- Only use the telescopic ladder for easy jobs and for a short period of time.
- Do not use the top 4 rungs to climb or to stand on.  
In the leaning ladder position it is not allowed to climb on the last metre from the top of the ladder.
- The telescopic ladder is only to be used by one person at a time.
- When working on the telescopic ladder, hold on to it with one hand or lean against it, if possible. Take additional safety measures if this is not possible.
- Never exceed the permissible load capacity of the telescopic ladder. The telescopic ladder has a permissible load capacity of max. 150 kg.
- Watch the telescopic ladder when climbing up or down. Never climb up or down with the back against the telescopic ladder, always face the ladder. Wear sturdy shoes to prevent slipping, stumbling, etc.
- Do not use the telescopic ladder carelessly (e.g. climbing two rungs at a time, sliding down the ladder stringers, jumping off the ladder, etc.)
- Avoid leaving an unsecured ladder at the top. Wrong ladder selection (e.g. too short telescopic ladder, unsuitable use, etc.) can cause accidents.
- Do not put up the telescopic ladder in the immediate vicinity of live electric equipment (e.g. high-voltage overhead power lines).
- Ensure when using the telescopic ladder to climb on roofs, that the top rung protrudes at least 1 m above working height.
- Avoid excessive lateral loads, such as carrying up heavy loads or drilling sideways in solid materials.
- Do not use the telescopic ladder horizontally, for instance to bridge precipices or as a storage shelf, saw horse, etc.
- Do not use the telescopic ladder in bad weather, e.g. strong wind.
- Ensure that children cannot play on the telescopic ladder.
- Do not spend long periods without regular breaks on the telescopic ladder. Fatigue and loss of balance are accident hazards.
- Always stand with both feet on one rung.

- Do not change the position of the telescopic ladder while you are standing on it.
- Ensure that the plastic end caps are always attached to the telescopic ladder. Do not use the ladder without plastic end caps. They prevent dirt, dust, etc. from entering the telescopic tubing and causing damages.
- Objects, work equipment, etc. Which must be transported while climbing up the telescopic ladder, should not be heavy and easy to handle.
- Keep the telescopic ladder away from children and supervised persons.

## LOCKING MECHANISM



**WARNING!** Check before every use the proper function of the locking mechanisms. If the locking mechanisms are not working properly, do not use the ladder.

Each ladder rung is locked with two lock pins, on either side of the rungs. The pins act automatically when unfolding or folding the ladder.

Each locking pin has a locking indicator, which indicates if a rung is locked or unlocked.

Red: Rung is unlocked



Green: Rung is locked



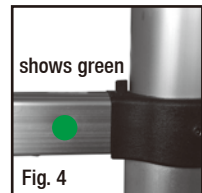
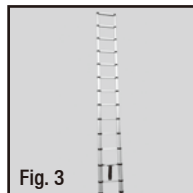
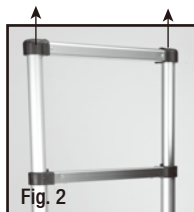
## EXTEND THE LADDER TO IT'S FULL LENGTH



**WARNING!** Before using the ladder all the extended rung sections must be locked.

1. Place the telescopic ladder on solid and level ground.
2. Stabilize the telescopic ladder with one foot on the lowest rung (Fig. 1).
3. Start extending the telescopic ladder at the top rung (Fig. 2).
4. Extend one rung at a time until all rungs are extended and the total length is obtained (Fig. 3).
5. Make sure the locking indicators on each unfolded rung switch from red to green (rung is locked) (Fig. 4)

Please note that, while extending the telescopic ladder beginning with the top rung, the ladder is not locked and retracts if not all rungs are extended.



## CLOSING THE LADDER

Always take great care when retracting the telescopic ladder.

1. Place the telescopic ladder on solid and level ground.
2. Press the release buttons towards the centre to retract the telescopic ladder (Fig. 5).
3. The rungs will be folded automatically one by one.  
The lower rungs are folded first. All the unfolded rungs will be retracted in one time (Fig. 6).

Ensure that your arms and fingers are in line with the unlocking buttons (see dotted line), when retracting the ladder. Do not place your fingers on or between the rungs when retracting the ladder. Risk of crushing!

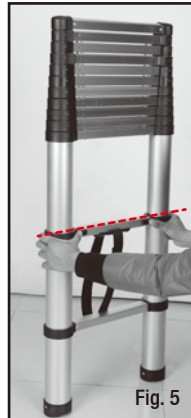
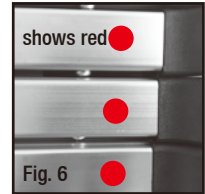


Fig. 5



## CAUSES OF ACCIDENTS

The following list of hazards shows common risks when working with ladders and does not claim to be complete. Observe the following instructions as a foundation for safe work.

### WRONG HANDLING:

- Putting up and disassembling the ladder.
- Carrying objects on the ladder.

### LOSS OF STABILITY:

- Improper ladder placement.
- Bottom part slipping away from the wall, sideways slipping, tipping and overturning.
- Poor condition of the ladder (e.g. missing anti-slip feet).
- Dirty floor, unstable ground, not absolutely level ground, slippery ground.
- Jumping from an unsecured ladder.
- Collisions with the ladder, e.g. vehicles or doors.
- Adverse weather conditions, such as strong wind.
- Wrong type of ladder, e.g. too short or unsuitable ladder.
- Dirty or wet rungs.
- Unsuitable shoes.
- Unsafe behavior, e.g. climbing two rungs at a time, sliding down the ladder.

### LADDER FAILURE:

- Overloading the ladder.
- Ladder condition, e.g. damaged rungs, wear and tear.

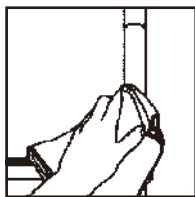
### ELECTRIC HAZARDS:

- Working on live wires, e.g. during electric troubleshooting.
- Placing the ladder too close to live components, e.g. power cables at the ceiling.
- Wrong ladder selection for electrical job.

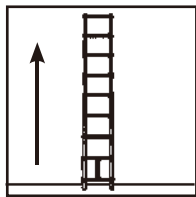
### MAINTENANCE AND CARE

Always keep the telescopic ladder clean. Remove dirt, abrasive dust, paint, glue, etc. after every use, before retracting the telescopic ladder. Dirt can affect the proper functioning. Always wipe the rungs clean. Clean the telescopic ladder with a broom or a cloth. Thoroughly dry the rungs if the telescopic ladder gets wet. To prevent surface damage always protect the plastic end caps from dirt and abrasive dust, etc.

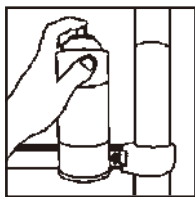
**NOTE: LEAVE REPAIR AND MAINTENANCE WORK TO COMPETENT STAFF.**



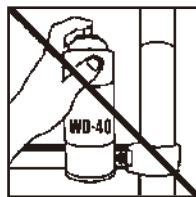
Cleaning



Drying



Greasing



Never use WD-40

**NOTE:** Before disposing of damaged, check with your state Environmental Protection Agency to find out about special restrictions on the disposal of tool or return them to a KRAFTWERK certified service center for recycling.

# DECLARATION OF CONFORMITY

Model: **3986**

**3.8 M TELESCOPIC LADDER**

**KRAFTWERK Sàrl**, 25 rue due Stade, F-67870 Bischoffsheim

Declares under sole responsibility that the product to which this declaration relates is in conformity with the following standard(s) or other normative document(s):

**EN 131-6**

Bischoffsheim, 28/02/2016



Patrick Wyss  
President

## WARRANTY

We do not take responsibility for any damage caused by misuse or any use that is not in compliance with the safety standards described herein.

## Customer services

Contact your local importer of your specialized dealer to obtain address of your service department.  
You find our partners under **[www.KRAFTWERKtools.com](http://www.KRAFTWERKtools.com)**



From date of purchase receipt

**2 YEARS GUARANTEE**

on material- or production-defects



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