

# KÄRCHER

makes a difference

## K 3 Full Control



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**EAC**



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## Safety



Please read these original operating instructions and the enclosed safety instructions prior to the initial use of your device. Proceed accordingly. Keep both booklets for future reference or subsequent owners.

### Safety Devices

#### ⚠ CAUTION

- *Safety installations serve the protection of the user and may not be modified or bypassed.*

#### Appliance switch

The appliance switch prevents unintentional operation of the appliance.

#### Lock trigger gun

The lock locks the lever of the trigger gun and prevents the accidental start of the device.

#### Auto-stop function

If the lever on the trigger gun is released, the pressure switch turns off the pump, the high-pressure jet stops. If the lever is pulled the pump is turned on again.

### Symbols on the machine



*The appliance must not be directly connected to the public drinking water network.*



*The high pressure jet must not be directed at persons, animals, live electrical equipment or at the appliance itself.*

*Protect the appliance against frost.*

## Proper use

This high pressure cleaner is designed for domestic use only.

- for cleaning machines, vehicles, buildings, tools, facades, terraces, gardening tools, etc. by means of a high-pressure water jet (if necessary, with additional cleaning agents).
- with accessories, replacement parts and cleaning agents approved by KÄRCHER. Please observe the information accompanying the cleaning agents.

## Environmental protection

### Notes about the ingredients (REACH)

You will find current information about the ingredients at:

**[www.kaercher.com/REACH](http://www.kaercher.com/REACH)**



The packaging material can be recycled. Please arrange for the environmentally appropriate disposal of the packaging.



Old appliances contain valuable recyclable materials that should be recycled properly. Please arrange for the environmentally appropriate disposal of the old devices.

Electrical and electronic devices often contain components which could potentially pose a danger to human health and the environment if handled or disposed of incorrectly. However, these components are necessary for the proper operation of the device. Devices marked with this symbol must not be disposed of with regular household rubbish.



Cleaning operations which produce oily waste water, e.g. engine washes, underbody washes, may only be carried out using washing stations equipped with an oil separator.



Work with detergents must only be performed on liquid-tight work surfaces with a connection to the sewer system. Do not let release detergent into waters or earth.

## Description of the Appliance

The scope of delivery of the device (depending on the model) is illustrated on the packaging. These operating instructions describe all possible options.

### Illustrations on the picture pages

- 1 High pressure connection
- 2 Appliance switch „0/OFF“ / „I/ON“
- 3 Storage hook
- 4 Carrying handle
- 5 Transport handle, detachable
- 6 Detergent suction hose with detergent filter and lid
- 7 Detergent Tank
- 8 Coupling element for water connection
- 9 Water connection with integrated sieve
- 10 Storage for spray lance
- 11 Storage for trigger gun
- 12 Mains cable with mains plug
- 13 Bearing wheel
- 14 Full Control trigger gun
- 15 Pressure display  
0 - MIX / 1 - SOFT / 2 - MEDIUM / 3 - HARD
- 16 Lock trigger gun
- 17 Button for detaching the high-pressure hose from the trigger gun
- 18 High pressure hose
- 19 Full Control spray lance Dirtblaster  
For strong contaminations.  
Pressure level: HARD
- 20 Full Control spray lance Vario Power  
Carrying out the most common cleaning tasks.  
Pressure levels: HARD / MEDIUM / SOFT / MIX

#### \* Optional

- 21 Washing brush  
Suitable for use with detergents.
- 22 Foam nozzle  
For effective detergent foam.
- 23 Detergent

#### \*\* Additionally required

- 24 Fabric-reinforced water hose with commercially available coupling.
  - Minimum diameter, 1/2 inches (13 mm).
  - Minimum length 7.5 m.

## Installation and Startup

### Illustrations on the picture pages

- Illustration **A B C**  
Mount loose parts delivered with appliance prior to start-up.
- Park the appliance on an even surface.
- Illustration **D**  
Push the high pressure hose into the trigger gun until it locks audibly.  
Check the secure connection by pulling on the high pressure hose.
- Illustration **E F G**

### ATTENTION

*Impurities in the water can damage the high-pressure pump and the accessories. For protection, the use of the KÄRCHER water filter (optional accessory, order no. 4.730-059) is recommended.*

## Operation

### ⚠ CAUTION

*Dry running of more than 2 minutes leads to damage of the high-pressure pump. If the appliance does not build up pressure within 2 minutes, switch the appliance off and proceed in accordance with the instructions in Chapter "Troubleshooting".*

### High pressure operation

### ⚠ CAUTION

*Keep a distance of at least 30 cm when using the jet for cleaning painted surfaces to avoid damage.*

### ATTENTION





*Car tyres, paint or sensitive surfaces such as wood should not be cleaned with the dirt blaster, as there is a risk of damage.*

→ Illustration **H I**

### Full Control System

The pressure indicator on the trigger gun shows the currently set pressure level during operation with a Full Control spray lance.

**Note:** The pressure indicator is not significant during operation with the T-Racer and other accessories.

Pressure level		For example, recommended for
	<b>HARD</b>	Stone terraces made of paving stones or exposed aggregate concrete, asphalt, metal surfaces, garden utensils (wheelbarrow, spade, etc.)
	<b>MEDIUM</b>	Motorcar / motorcycle, brick surfaces, plastered walls, plastic furniture
	<b>SOFT</b>	Wooden surfaces, bicycles, sand stone surfaces, rattan furniture
	<b>MIX</b>	Operation with detergent

### ATTENTION

*The sensitivity of the materials can strongly differ depending on the age and the condition. The so-called recommendations are non-binding.*

### Operation with detergent

**Note:** Detergent can only be added when the device is operated in low pressure mode.

→ Illustration **J K**

#### Optional

→ Illustration **L**

### Recommended cleaning method

- Spray the detergent sparingly on the dry surface and allow it to react, but not to dry.
- Spray off loosened dirt with the high pressure jet.

### After operation with detergent

- After operation with detergent: Run the machine for approximately 1 minute for a clear rinse.

## Operation with washing brush

### ATTENTION

*Risk of damage to the paintwork*

*When working with the washing brush, it must be free of dirt or other particles.*

**Note:** If required, the washing brushes can be used to work with detergent.

## Interrupting operation

- ➔ Illustration **M**  
Release the lever of the trigger gun and lock it.
- ➔ During longer breaks (more than 5 minutes), also turn the appliance off using the "0/OFF" switch.

## Finish operation

### ⚠ CAUTION

*Only separate the high-pressure hose from the trigger gun or the device when there is no pressure in the system.*

- ➔ Release the lever of the trigger gun.
- ➔ Turn off the appliance "0/OFF".
- ➔ Disconnect the mains plug from the socket.
- ➔ Turn off tap.
- ➔ **Press the lever on the trigger gun to release any remaining pressure in the system.**
- ➔ Lock the lever of the trigger gun.
- ➔ Detach the appliance from the water supply.

## Transport and storage

### ⚠ CAUTION

*Risk of personal injury or damage!*

*Mind the weight and storage of the appliance during transport.*

## When transporting by hand

- ➔ Lift appliance by the carrying handle and carry it.
- ➔ Pull out the transport handle until it audibly snaps into place.  
Pull the appliance by its transport handle.

## When transporting in vehicles

- ➔ Secure the appliance against shifting and tipping over.

## Storing the Appliance

- ➔ Park the machine on an even surface.
- ➔ Stow away the accessories on the appliance according to the device.

Prior to extended storage periods, as during the winter, also observe the instructions in the Care section.

## Frost protection

### ATTENTION

*Appliances and accessories that are not completely drained can be destroyed by frost. Completely drain appliance and accessories and protect them against frost.*

To avoid damage:

- ➔ Completely drain all water from the appliance:  
Switch the appliance on with detached high pressure hose and detached water supply (max. 1 minute) and wait, until no more water exits at the high pressure connection. Turn off the appliance.
- ➔ Store the appliance and the entire accessories in a frost free room.

## Maintenance and care

The appliance is maintenance free.

## Care

### ⚠ DANGER

*Risk of electric shock.*

- ➔ *Prior to all work on the appliance, switch off the appliance and pull the power plug.*

## Clean the sieve in the water connection

Clean the sieve in the water connection regularly.

### ATTENTION

*The sieve must not be damaged.*

- ➔ Remove coupling from the water connection.
- Illustration **N**
- ➔ Pull the sieve out (e.g. using flat pliers), clean under running water and then reinsert it.

## Troubleshooting

### ⚠ DANGER

*Risk of electric shock.*

- ➔ *Prior to all work on the appliance, switch off the appliance and pull the power plug.*

## Appliance is not running

- ➔ Push the lever of the trigger gun, the device will switch on.
- ➔ Check whether the voltage indicated on the type plate corresponds to the voltage of the mains supply.
- ➔ Check the mains connection cable for damages.

## Pressure does not build up in the appliance

- ➔ Check setting at the spray lance.
- ➔ Completely open the water tap.
- ➔ Remove air from appliance before operation.  
Switch on the appliance without connection the HP hose (max. 2 minutes) and run it until the water discharging from the HP outlet is free of bubbles.  
Switch off appliance and reconnect HP hose.
- ➔ Pull out the sieve in the water connection using flat-nose pliers and clean under running water.

## Strong pressure fluctuations

- ➔ Clean high-pressure nozzle: Remove dirt and debris from the nozzle bore, using a needle and rinse through with water from the front.
- ➔ Check water flow quantity.

## Appliance is leaking

- ➔ Slight leakage from the appliance pump is normal. If the leakage increases contact the authorized customer service.

## No detergent infeed

- ➔ Use Vario Power spray lance.  
Turn the spray lance to "Mix" position.
- ➔ Remove filter from suction hose for detergent and clean under running water.
- ➔ Check the detergent suction hose for kinks.

## Accessories and Spare Parts

Only use original accessories and spare parts, they ensure the safe and trouble-free operation of the device. For information about accessories and spare parts, please visit [www.kaercher.com](http://www.kaercher.com).

## Technical specifications

### Electrical connection

Voltage	220-240 V 1~50-60 Hz
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Power consumption	6 A
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Protection class	IPX5
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Protective class	II □
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Mains fuse (slow-blow)	10 A
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### Water connection

Max. feed pressure	1,2 MPa
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Max. feed temperature	40 °C
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Min. feed volume	8 l/min
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### Performance data

Working pressure	8 MPa
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Max. permissible pressure	12 MPa
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Water flow rate	5,5 l/min
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Max. flow rate	6,3 l/min
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Detergent flow rate	0,3 l/min
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Recoil force of trigger gun	12 N
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### Dimensions and weights

Length	307 mm
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Width	280 mm
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Height	677 mm
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Weight, ready to operate with accessories	5,6 kg
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### Values determined as per EN 60335-2-79

Hand-arm vibration value	<2,5 m/s <sup>2</sup>
Uncertainty K	0,6 m/s <sup>2</sup>

Sound pressure level L <sub>pA</sub>	72 dB(A)
Uncertainty K <sub>pA</sub>	3 dB(A)

Sound power level L <sub>WA</sub> + Uncertainty K <sub>WA</sub>	88 dB(A)
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Subject to technical changes.

## Warranty

The warranty terms published by the relevant sales company are applicable in each country. We will repair potential failures of your appliance within the warranty period free of charge, provided that such failure is caused by faulty material or defects in manufacturing. In the event of a warranty claim please contact your dealer or the nearest authorized Customer Service centre. Please submit the proof of purchase.

Addresses can be found under:

[www.kaercher.com/dealersearch](http://www.kaercher.com/dealersearch)

## EU Declaration of Conformity

We hereby declare that the machine described below complies with the relevant basic safety and health requirements of the EU Directives, both in its basic design and construction as well as in the version put into circulation by us. This declaration shall cease to be valid if the machine is modified without our prior approval.

**Product:** High pressure cleaner

**Type:** 1.676-xxx

### Relevant EU Directives

2000/14/EC

2014/30/EU

2006/42/EC (+2009/127/EC)

2011/65/EU

### Applied harmonized standards

EN 50581

EN 55014-1: 2006+A1: 2009+A2: 2011

EN 55014-2: 2015

EN 60335-1

EN 60335-2-79

EN 61000-3-2: 2014

EN 61000-3-3: 2013

EN 62233: 2008

### Applied conformity evaluation method

2000/14/EC: Appendix V

### Sound power level dB(A)

Measured: 85

Guaranteed: 88

The signatories act on behalf of and with the authority of the company management.



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