

KÄRCHER

makes a difference

B 300 R I



Quick Guide

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⚠ This operator information is intended as a supplement to the operating instructions for the unit. The operating instructions supplied with the unit and the safety instructions sheet must be read and understood by the user before initial start-up and before using the unit.

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Troubleshooting tips on the back of these instructions!

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Overview



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Operation



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Ending operation



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Care and service





Control elements

1 Driver's seat



⚠ DANGER

Danger of accident! Do not adjust the driver's seat while driving.

- 1) Longitudinal seat adjuster
- 2) Cover with driver's seat
- 3) Backrest inclination adjuster
- 4) Shock absorber/driver's weight adjuster

2 Brake pedal

3 Accelerator

4 Function switches



- 1) Horn
- 2) Lighting switch
- 3) Dust filter dedusting
- 4) Water pump switch
- 5) Switch for cleaning type: Sweeping or scrubbing

5 Steering wheel

6 Warning/indicator displays (see next page)

7 Control levers



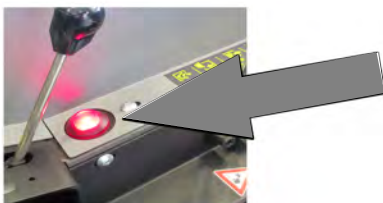
- 1) Brush contact pressure
- 2) Steering wheel adjustment lever
- 3) Switch brushes on/off
- 4) Raise/lower side brush deck
- 5) Raise/lower the waste container high dumping system
- 6) Open/close waste container flap

8 Parking brake

9 Roller brush water dosage

10 Motor speed (potentiometer in LPG version)

11 Indicator light (waste container flap)



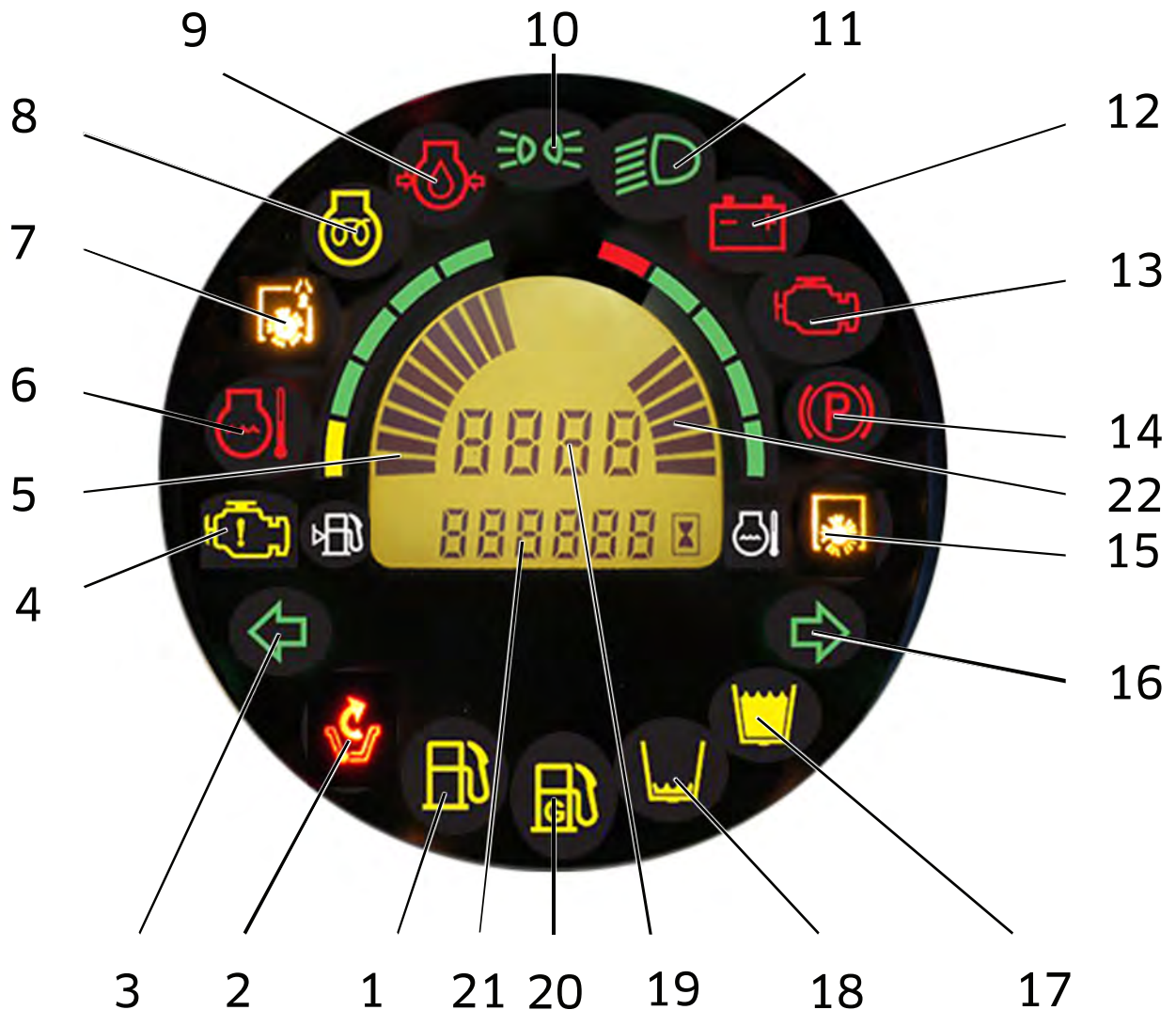
The flap is closed when the light is lit.

12 Roller brush water dosage

13 Side scrubbing deck water dosage

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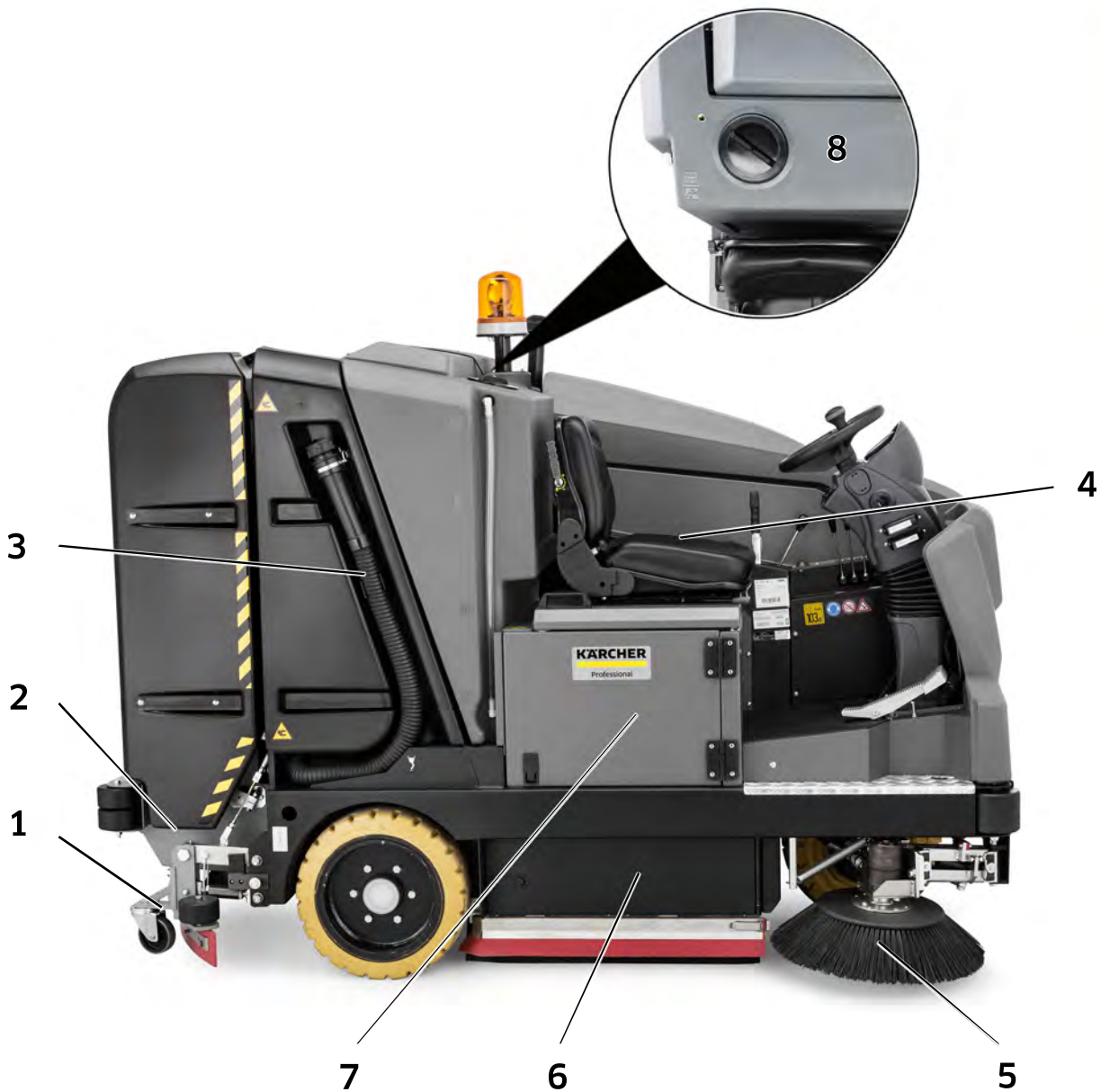
Warning/indicator displays



- 1) Minimum fuel level warning light (Diesel motor only)
- 2) Empty waste container indicator light
- 3) Left turn signal indicator light
- 4) Motor problem warning light
- 5) Fuel tank filling level indicator (Diesel motor only)
- 6) Motor temperature warning light
- 7) Suction fan ON indicator light
- 8) Preheating indicator light (Diesel motor only)
- 9) Motor oil pressure warning light
- 10) Positions light (only when licensed for driving on public roads)
- 11) Dimmed headlights indicator light
- 12) Battery charging monitor warning light
- 13) Alternator/motor fault warning light
- 14) Parking brake indicator light
- 15) Sweeping mode indicator light
- 16) Right turn signal indicator light
- 17) Full waste water tank indicator light
- 18) Minimum fresh water tank filling level indicator light
- 19) Operating hours counter
- 20) Minimum gas bottle filling level warning light (LPG motor only)
- 21) Motor speed
- 22) Motor coolant temperature

Overview of the unit

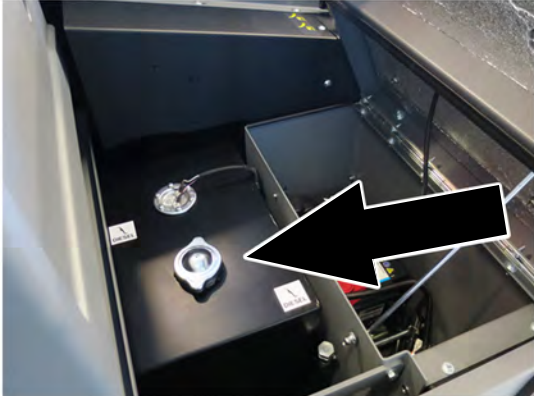
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- 1) Suction bar
- 2) Waste container
- 3) Waste water drain hose
- 4) Operator position
- 5) Side scrubbing deck
- 6) Brush head
- 7) LPG version: Compartment for battery and gas bottle
7) Diesel version: Compartment for battery and fuel tank
- 8) Fresh water tank filling hole

Before starting work

1) Check the filling level of the fuel tank and refuel if necessary.



- Fold the cover upwards and secure it with the support.
- Open the tank cap.
- Fill with diesel fuel.
- Insert the refuelling nozzle as far as possible into the filling nozzle.
- Do not continue filling after the refuelling nozzle has automatically switched off.
- Wipe of any spilt fuel and close the tank cap.

⚠ Observe the operating instructions when replacing the liquid gas bottle!

2) Fill the fresh water tank.



- Open the fresh water tank cover.
- Fill the fresh water tank with fresh water (maximum 50 °C).
- Add detergent. Observe the dosage notes.
- Close the fresh water tank cover.

Wet cleaning

There are 2 types of wet cleaning.

- Basic cleaning
- Maintenance cleaning

Basic cleaning

Basic cleaning consists of 2 work steps and is used for heavily contaminated surfaces or stubborn dirt deposits.

Maintenance cleaning

Maintenance cleaning is used for daily cleaning.

A detailed description of the cleaning types is provided in the operating instructions!

- 1) Start the motor
- 2) Set the motor speed to Max. (working speed).
- 3) Release the parking brake.
- 4) Drive the unit to the operating location.
- 5) Open the flap of the waste container. The flap of the waste container must be open during wet cleaning.
- 6) Switch on the water pump.
- 7) Actuate the lever and switch on the brushes, the brushes lower to the ground.
- 8) Actuate the lever and lower the side scrubbing deck.
- 9) Select the water dosage for the side scrubbing deck and brushes.
- 10) Switch on the suction fan switch.

The suction bar lowers.

- 11) Start wet cleaning.

Note

The dirt that is picked up is collected in the waste water tank and, if necessary, in the waste container.

Adjust the travel speed to the circumstances in order to achieve optimum cleaning results. The waste container must be emptied at regular intervals during operation.

2

- 1) Start the motor
- 2) Set the motor speed to Max. (working speed).
- 3) Release the parking brake.
- 4) Drive the unit to the operating location
- 5) Open the waste container flap
- 6) Actuate the lever and switch on the brushes.
- 7) Lower the side brushes.
- 8) Switch on the suction fan switch.
- 9) Start sweeping.

As needed: Dedust the dust filter.

For dedusting, actuate the Filter dedusting switch 4 - 5 times for approx. 5 seconds (no continuous operation!).

**Do not sweep large quantities of water!
Dedust the dust filter daily. Do this several times a day in heavily contaminated work areas.**

**⚠ CAUTION! Risk of damage!
Never leave the Filter dedusting switch permanently switched on in continuous operation.
Switch off the suction fan before dedusting.**

Ending wet cleaning

After cleaning

- Empty the waste water tank.
- Empty the fresh water tank.
- Clean the unit, waste water tank, fresh water tank and suction bar.
- Empty the waste container if necessary.

Empty the waste water tank



The waste water tank drain hose is located on the right side of the unit.

- 1 Cap
- 2 Support
- 3 Dosing unit
- 4 Waste water drain hose
- 5 Drain hose connection

Empty the fresh water tank



The fresh water tank drain hose is located on the left side of the unit.

- 1 Cap
- 2 Support
- 3 Dosing unit
- 4 Drain hose connection
- 5 Fresh water drain hose

The following points apply to both tanks:

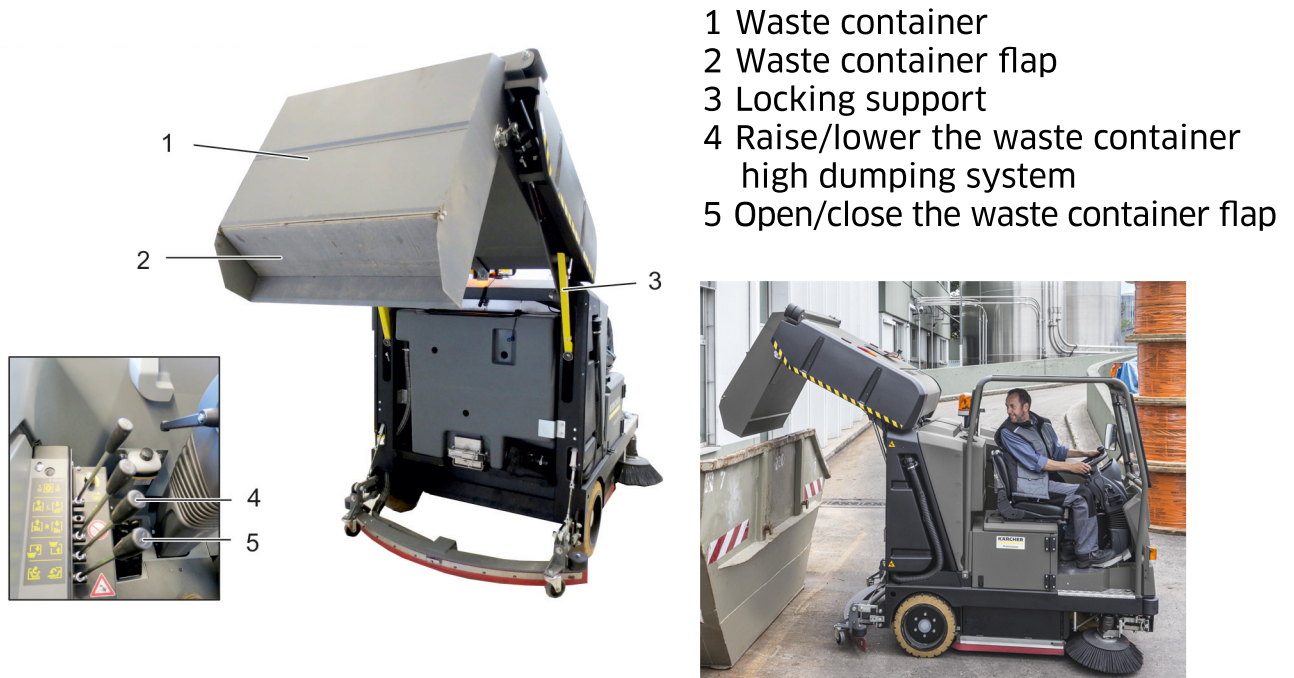
- Remove the drain hose from the support.
- Unscrew the lock from the drain hose.

The water flow can be reduced by squeezing the dosing unit.

- After emptying, hang the drain hose in the support and then press it into the connection.

Ending sweeping

The high dumping system on the unit allows the waste to be directly emptied into a waste container.



⚠ Make sure that no persons or animals are located nearby during the entire emptying process (waste container swivels out).

3

- Position the unit approximately in front of the collection container.
- Close the waste container flap (indicator light must light up).
- Actuate the lever and raise the waste container.
- Drive slowly over the collection container with a raised waste container.
- Open the flap and empty the waste container.
- After emptying, close the flap of the waste container. Lowering is not possible with the flap open.
- Lower the container and open the flap of the waste container.

Remain seated during the entire emptying process (do not stand up from the driver's seat), otherwise the seat contact switch may switch off the unit during the emptying process.

⚠ DANGER! Risk of injury, risk of damage!
Read and observe the safety instructions in the operating instructions before using the high dumping system.

Shutting down the unit

After work:



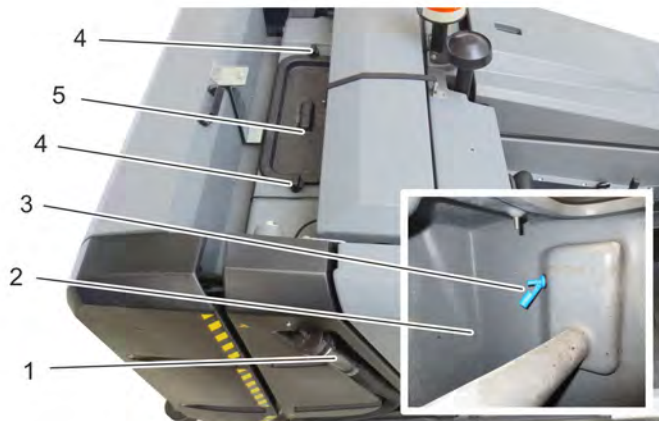
- Park the unit on a level surface.
- Park the unit in a protected and dry place.
- Turn the ignition key to “0” and removed the key.
- Apply the parking brake.
- Close the stop valve on units powered by liquid gas.

Note

With LPG units, a switch-off delay lasting a few seconds after turning off the ignition key may occur.

Care after wet cleaning

Clean the waste water tank after finishing work



- 1) Waste water drain hose
- 2) Waste water tank
- 3) Sensor
Switches off the suction turbine when the waste water tank is full
- 4) Lock
- 5) Waste water tank cap

- Empty the waste water tank before cleaning
- Open the waste water tank cap for cleaning.
- Spray out the interior of the waste water tank using a water hose.
- Check the function of the sensor after cleaning.

Clean the fresh water tank after finishing work



- 1) Fresh water tank
- 2) Fresh water tank cap
- 3) Filling level display
- 4) Fresh water drain hose

- Flush the fresh water tank with fresh water after finishing work.
- Drain residual water using the drain hose.

Clean the suction bar after finishing work



- 1 Suction bar
- 2 Suction hose
- 3 Sealing strip

4

- Clean the suction bar and suction hose.
- Clean the side sealing strips.
- Clean the spray nozzles on the side scrubbing deck and roller brush.

Cleaning the vehicle

Clean the vehicle daily after finishing work

⚠ DANGER

Risk of injury!

Wear a dust mask and safety goggles.

⚠ CAUTION

Risk of damage! Exercise caution when cleaning using the high-pressure cleaner!

Radiator fins, hydraulic hoses and valves, seals, electrical and electronic components must not be cleaned using a high-pressure cleaner.

- Observe the applicable safety instructions when cleaning the vehicle with a high-pressure cleaner.
- Do not use aggressive detergents.
- Wash the vehicle with the motor switched off to protect the air filter.
- Clean the unit using a damp cloth, wetted with a mild washing lye. Check the motor for contamination and clean with a brush, compressed air or with low water pressure if necessary.

Quick troubleshooting guide

Vehicle does not start

- Sit on the driver's seat
- Fill with fuel
- Open the gas bottle stop cock
- Replace the liquid gas bottle
- Check the vehicle battery
- Preheat multiple times (Diesel)
- Contact Customer Service

Wet cleaning
Poor results

- Set the motor speed correctly
- Increase the brush contact pressure
- Check the water dosage
- Switch on the suction fan
- Reduce the working speed
- Empty the waste water tank

Sweeping
Poor results

- Increase the motor speed
- Increase the brush contact pressure
- Open the waste container flap
- Switch on the suction fan
- Reduce the working speed
- Empty the waste container

Sweeping
Unit generates dust

- Empty the waste container
- Switch on the suction fan
- Open the waste container flap

Brush/suction bar
Does not lower or raise

- Empty the waste water tank.
- Contact an authorised Customer Service department!

Warning light for motor temperature lights up

- Set the motor speed to idle mode until the warning light goes out
- Check the coolant filling level

⚠ A detailed troubleshooting guide is provided in the operating instructions!