

LIA

User manual



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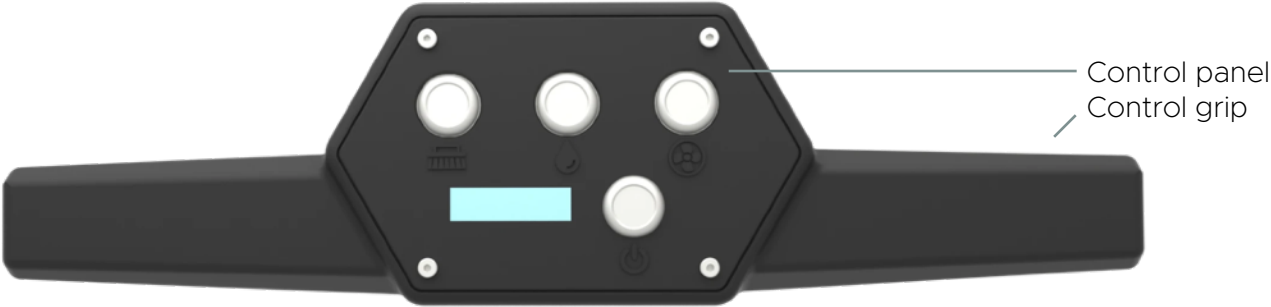
Model		LIA PRO
Dimensions	mm	XX
Weight (without batteries)	kg	21,8
Weight (with batteries)	kg	24,8
Voltage	V	36
Installed Power	W	475
Working Width	mm	420
Brush Motor	W	2 x 130
Suction Motor	W	200
Pump	W	5
Squeegee Width	mm	430
Batteries	V/Ah	2 x 18V 12Ah
Clean Water Tank	l	5,2
Dirty Water Tank	l	9,0
Operating Time	min	70
Package Size	mm	50 x 40 x 120

MACHINE COMPONENTS | MACHINE DIAGRAM

MACHINE



CONTROL PANEL



LIA

MACHINE
COMPONENTS



GENERAL INFORMATION

GENERAL INFORMATION

Before performing any operation on the machine, carefully read this user manual. This manual has been prepared by the manufacturer and is an integral part of the machine's packaging.

The information contained in this manual is intended for persons responsible for operating the machine, but they must not carry out any interventions that require specifically defined technical expertise.

The manual states the purpose for which the machine was designed and contains all information necessary for operating personnel.

Following the instructions in this manual will ensure the safety of personnel and the machine, economical operation, high-quality cleaning results, and extended machine lifespan.

Failure to follow these instructions may result in injury to persons, damage to the machine, the floor, or the environment.

As part of its policy of continuous development and product improvement, the manufacturer may make changes without prior notice.

The purchased machine may differ from the illustrations shown in this manual, while still ensuring safety and the accuracy of the information.

The term “machine” used in this manual replaces the commercial name of the equipment.

MACHINE IDENTIFICATION

The machine's identification label contains the following information:

- Model
- Power supply voltage
- Total rated power
- Serial number
- Year of manufacture
- Weight without batteries and operating fluids
- Manufacturer identification (license number)

DOCUMENTATION SUPPLIED WITH THE MACHINE

User manual

- Warranty certificate
- CE Declaration of Conformity (part of this user manual)

GENERAL DESCRIPTION

This machine is designed for washing hard floor surfaces and is used in both public and industrial areas to clean flat, smooth or slightly uneven but uniform floors free from solid debris.

The machine is available in a battery-powered version.

The floor scrubber applies a properly dosed solution of water and cleaning detergent onto the floor and scrubs the surface thoroughly to remove dirt.

Since a wide range of cleaning accessories is available—including various detergents, brushes, and cleaning pads—the machine can be adapted to all types of floors and levels of dirtiness.

The device is equipped with a suction system that removes liquid waste from the floor, allowing the surface to dry immediately after cleaning.

Drying is achieved by creating a vacuum in the dirty water tank, which is powered by the suction motor.

The squeegee, connected to this tank, collects liquid and dirt from the floor.

The machine is not intended for vacuuming dust or dry debris.

KEY COMPONENTS (see section “Machine Components”)

- Control grip
- Handle
- Control panel
- Tank locking system
- Clean water tank
- Dirty water tank
- Steering joint with locking mechanism
- Machine head
- Brushes
- Squeegee
- Battery holders
- Batteries
- Hose
- Wheels

ACCESSORIES

- Brushes (various hardness levels)
- Pad holders and various types of floor pads
- Microfiber pad holders and microfiber pads
- Squeegee and scraper blades
- Batteries, charger



TECHNICAL INFORMATION



SAFETY INFORMATION

BEZPEČNOSTNÍ POKYNY

Before starting, using, carrying out routine or any other maintenance, or performing any intervention on the machine, read this user manual carefully.

- Before starting, using, carrying out routine or any other maintenance, or performing any intervention on the machine, read this user manual carefully.
- Strictly follow all instructions provided in this manual. The manufacturer disclaims all responsibility for any harm to persons or damage to property caused by non-compliance with these instructions.
- The machine may only be used by personnel who have been trained to operate it, have demonstrated their competence, and have been explicitly authorized to use it. The machine must not be used by minors.
- Use of the machine for any purpose other than its intended use is prohibited. Assess the type of building in which the machine is being operated (e.g., pharmaceutical production, hospitals, chemical plants, industrial facilities) and strictly follow the applicable standards and safety regulations in place at the site.
- Do not use the machine in poorly lit spaces, explosive environments, on public roads, in the presence of health-hazardous dirt (dust, gas, etc.), or in unsuitable spaces.
- This machine is intended for commercial use only, such as in shops, shopping centers, hotels, schools, gas stations, offices, showrooms, hospitals, senior care homes, restaurants, kitchens, service centers, workshops, and similar environments.
- The machine is for indoor use only. It must also be stored exclusively indoors.
- Operating temperature range: +4°C to +35°C
- Storage temperature range: 0°C to +50°C
- The machine must be used at altitudes below 2000 meters above sea level.
- The machine must be operated in environments with relative humidity between 30% and 95%.
- Never use or vacuum flammable or explosive liquids (e.g., gasoline, heating oil), flammable gases, dry dust, acids, or solvents (e.g., paint thinner, acetone), even in diluted form. Never vacuum burning or smoldering objects.
- Do not use the machine on slopes or ramps with more than a 2% incline. If working on slight inclines, do not use the machine sideways—always maneuver it carefully and avoid turning while on the slope. When transporting on steeper ramps, proceed with maximum caution to avoid tipping over or uncontrolled acceleration. When moving over ramps or stairs, always lift the front part of the machine.
- Never park the machine on a slope.
- The machine must never be left unattended or with its motors running. Leave the machine only after switching off the motors, securing it against accidental movement, and disconnecting it from the power supply.
- Be cautious around third parties, especially children, in the working area. Children must be supervised and must not play with the machine.
- The machine is not intended for use by persons (including children) with reduced physical, sensory, or mental capabilities, or those lacking experience or knowledge, unless they are under supervision or have been instructed by someone responsible for their safety.

BEZPEČNOSTNÍ POKYNY

Do not use the machine to transport or tow people or objects. Do not tow the machine.

- Under no circumstances should the machine be used as a shelf or support for any load.
- Do not block any ventilation openings or exhaust vents.
- Do not remove, modify, or bypass any safety devices.
- Past incidents have shown that people operating machines may wear items that can cause serious injuries: before starting work, remove chains, watches, ties, and similar objects.
- For operator safety, always use personal protective equipment (PPE): a protective apron or overall, non-slip and waterproof footwear, rubber gloves, a protective cap, and a respiratory mask.
- Do not place your hands between moving parts.
- Do not use any cleaning agents other than those recommended, and always follow the instructions in the corresponding safety data sheets.
- We recommend storing cleaning products in locations inaccessible to children. In case of eye contact, rinse immediately with running water; in case of ingestion, seek medical attention immediately.
- Make sure that electrical outlets for plug-in models or chargers are properly grounded and protected by circuit breakers and residual current devices (RCDs).
- Ensure that the electrical specifications of the machine (voltage, frequency, power consumption) shown on the machine label match those of the electrical network.
- Machines with a power cord are equipped with three wires, including a ground wire, and must be used with a grounded outlet. The yellow-green wire is the ground. Never connect it to anything other than a grounding terminal.
- Regularly inspect the power cord of the charger. If damaged, the machine must not be used. Contact an authorized service center for replacement.
- Only use the charger supplied with the machine to charge the batteries.
- It is essential to follow the battery manufacturer's instructions and comply with relevant regulations.
- Always keep the batteries clean and dry to prevent surface leakage currents.
- Protect batteries from contamination, such as metal dust.
- Never place tools on the batteries – this poses a risk of short-circuit and explosion.
- When handling battery acid, always strictly follow the relevant safety procedures.
- When using corded models, ensure that the power cable is not pinched or pulled out while the machine is connected to the network.
- During use, make sure the rotating brush does not come into contact with the power cable (for corded models).



BEZPEČNOSTNÍ INFORMACE



SAFETY INFORMATION:

BEZPEČNOSTNÍ POKYNY

- Regularly check the power cable, and if it is damaged, do not use the machine under any circumstances. Replace it with a cable of the same type or contact an authorized service center (for models with a power cable).
- If the machine is used near a strong magnetic field, consider whether it might affect the control electronics.
- Never wash the machine using a water jet.
- The liquid collected during operation contains cleaning and disinfectant agents, water, and organic and inorganic material. It must be disposed of in accordance with the legal regulations in force in the respective country.
- In case of malfunction and/or poor machine performance, immediately switch it off (disconnect it from the power source or batteries) and avoid causing further damage. Contact the manufacturer's technical service center.
- All maintenance must be carried out in well-lit spaces and only after disconnecting the machine from the electrical power supply (for corded models, this means unplugging it from the socket; for battery-powered models, removing the batteries).
- For corded models, the operator must always be able to verify that the plug has been removed from the socket during maintenance.
- Any electrical interventions, maintenance, or repairs (especially those not explicitly described in this manual) must be carried out only by qualified technical personnel with experience in the field.
- If replacing the power cable, plug, or terminals, ensure that electrical connectors and cable clamps are properly secured to prevent cable pull-out.
- Only use original accessories and spare parts supplied by the manufacturer. Only original components ensure safe and reliable operation. Do not use parts taken from other machines or kits as replacements.
- This product is classified as special WEEE waste (Waste Electrical and Electronic Equipment) and complies with environmental protection directives (2002/96/EC WEEE).
- It must be disposed of separately from regular waste in accordance with applicable laws and regulations.

Special waste. Do not dispose of with municipal waste.

Alternatively, you can return the machine to the manufacturer for a complete overhaul. If you choose to decommission the machine, we recommend removing the batteries and delivering them to an authorized collection point. We also advise making any components that could be hazardous, especially for children, completely harmless.



UNPACKING THE MACHINE

The machine is packed in a cardboard box that protects it from damage.

Immediately upon delivery by the shipping carrier, check whether the outer packaging is damaged.

In the case of delivery of multiple machines on a pallet, ensure that no more than 4 boxes are stacked in two layers—a total of 8 machines per pallet. If the machines are delivered on a wooden pallet, they must be loaded onto the transport vehicle using appropriate handling equipment (see Directive 2006/42/EC, as amended), and once they reach the destination, they must be unloaded using the same equipment.

INSPECTION

Upon delivery by the carrier, carefully check both the integrity of the packaging and the condition of the machine inside.

If any damage is found, assess its extent together with the carrier, and before accepting the goods, record the scope of the damage in writing with the shipping company and claim compensation for the damages incurred.

UNPACKING

During the unpacking process, the operator must be equipped with the necessary personal protective equipment (PPE) (e.g., gloves) to reduce the risk of injury.

When removing the machine from its packaging, follow these steps:

- Remove the packing straps
- Open the packaging
- Take out the user manual
- Remove the water tanks and accessories
- Remove the batteries and charger
- Take the machine out of the box and place it into the parking position
(see chapter “Machine Positions”)

PACKAGING

If necessary, keep the packaging, as it can be reused to protect the machine during relocation or shipment for repair. Otherwise, the packaging must be disposed of in accordance with applicable laws. However, we recommend keeping it—it will make any future service requests easier, and reusing it is more environmentally friendly.



UNPACKING THE MACHINE

LIA

MACHINE POSITIONS



LIA PARKING POSITION

This position is intended for the following tasks:

- Parking the machine
- Transporting the machine
- Battery replacement
- Removing the tanks
- Attaching the tanks
- Cleaning the machine
- Replacing brushes / pads
- Removing / attaching the squeegee



LIA WORKING POSITION –
FIXED DRIVE

This position is intended for easy machine control. More than 95% of the time spent using the machine will be in this position. The FIXED DRIVE mode is a unique solution that makes machine operation completely effortless and intuitive.



LIA WORKING POSITION –
360° DRIVE

This position is intended for situations that require maximum maneuverability. The 360° DRIVE mode helps you clean in hard-to-reach areas, such as under tables, around radiators, urinals, and other daily obstacles.

PARKING POSITIONS



Parking position for tank removal and installation

Lock the lever so that the entire handle is in a vertical position.

In this position, you can remove the tanks and then reattach them (see chapter “Tanks”).



Parking position for machine transport

Lock the lever so that the entire handle is in a vertical position.

Stand behind the machine. Place one foot on the rear wheel and then tilt the handle toward yourself. In this position, the machine can be transported by pulling it behind you or pushing it forward.



Parking position for storing the machine

Secure the locking lever so that the entire handle is in a vertical position.

Leave the machine in this position parked in a locked indoor space.

Parking position for cleaning the machine

Secure the locking lever so that the entire handle is in a vertical position. Remove the tanks. Stand behind the machine. Place one foot on the rear wheel and tilt the handle toward yourself and then downward until the handle rests on the floor. In this position, you can clean the machine (see chapter “Daily maintenance”).



WARNING!

Always switch off the machine before putting it into a parking position.



TANKS

WARNING!

Before handling the tanks, always set the machine to the parking position. Always switch off the machine before entering parking position.

TANKS

The machine is equipped with two tanks: a clean water tank (for cleaning solution) and a dirty water tank, which collects waste water from the cleaned floor.

The tanks are mounted on the machine's handle and secured with a locking mechanism.

Before handling the tanks, place the machine into the parking position (see chapter "Parking Positions of the Machine").

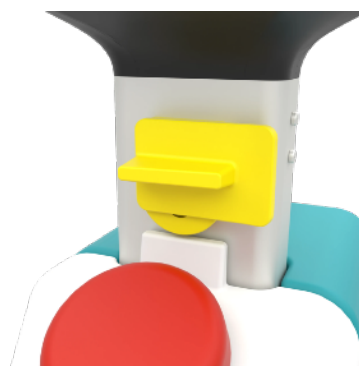
TANK LOCKING (SECURING)

Each tank is secured individually with its own locking mechanism.

Tanks should be removed and deattached one at a time.

To release a tank, turn the locking mechanism located above the tank on the handle to a horizontal position. To secure a tank, turn the lock to a vertical position.

Releasing a tank



Locking a tank



CLEAN WATER TANK | CLEANING SOLUTION

REMOVING THE TANK FROM THE MACHINE

Before handling the tanks, set the machine to the parking position (see chapter "Parking Positions of the Machine"). To release the clean water tank, turn its locking mechanism to the horizontal position. Hold the tank with one hand by its grip (molded part on top of the tank) and with the other hand, turn the lock to the horizontal position. Then tilt the tank slightly forward and lift it upward to remove it.



CLEAN WATER TANK | CLEANING SOLUTION

FILLING THE TANK

Unscrew the cap from the clean water tank and fill it with water or a cleaning solution. Only use low-foaming detergents intended for floor scrubbers and suitable for the specific type of floor surface. The manufacturer is not responsible for any damage caused by the use of improper cleaning agents. The tank is designed to be filled even in a standard sink. After completing work with the machine, empty the clean water tank.

ATTACHING THE TANK

Insert the tank into the clean water tank holder on the front side of the handle, press it against the handle, and turn the locking mechanism into a vertical position to secure it.

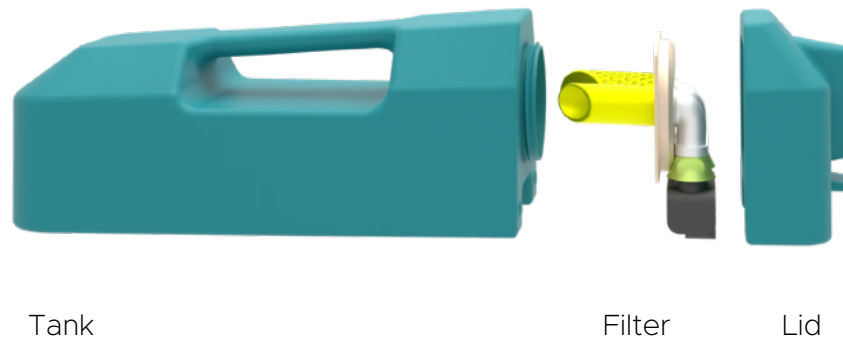
RECOMMENDATION

The bottom of the tank includes a rubber connector with a valve. We recommend replacing this connector and valve once every 24 months.

DIRTY WATER TANK | COLLECTED WASTE WATER

The dirty water tank consists of two parts:

The tank and the tank lid. The tank lid is equipped with a filter to protect the suction motor.



Tank

Filter

Lid

LIA

TANKS

WARNING!

Before handling the tanks, always set the machine to the parking position. Always switch off the machine before entering parking position.



TANKS

WARNING!

Before handling the tanks, always set the machine to the parking position. Always switch off the machine before entering parking position.

DIRTY WATER TANK | COLLECTED WASTE WATER

REMOVING THE TANK FROM THE MACHINE

Before handling the tanks, set the machine to the parking position (see chapter “Parking Positions of the Machine”). Turn the locking mechanism of the dirty water tank to the horizontal position to release it. Grasp the tank with one hand by its handle (located in the middle of the tank). Then pull the tank away from the handle to remove it. You can also use your other hand to gently push the tank away from the handle to assist.

RECOMMENDATION

When removing the dirty water tank, keep in mind that it contains already collected waste water. Be careful while detaching the tank.

OPENING THE TANK

The tank is equipped with a lid. To remove the lid, grasp it at the top and twist counterclockwise. Once removed, empty and clean the tank. The lid of the dirty water tank is equipped with a filter. If the filter is dirty, rinse it thoroughly.

CLOSING THE TANK

Grasp the lid at the top, place it back onto the tank, and twist clockwise until the edges of the lid align with those of the tank.

ATTACHING THE TANK

Insert the tank into the dirty water tank holder on the rear side of the handle. Press it against the handle and turn the locking mechanism to the vertical position to secure it.

SAFETY | USE IN HEALTHCARE AND PHARMACEUTICAL INDUSTRY

The machine's tanks are made of high-quality plastic with an antibacterial treatment. If needed, request a certificate from the manufacturer.

BRUSHES

The machine is equipped with two brushes for maximum cleaning performance. Depending on the type of floor surface, the brushes can be replaced with various floor pads, including microfiber pads. Before handling brushes or pad holders, set the machine to the cleaning parking position (see chapter “Parking Positions of the Machine”).

INSTALLING THE BRUSHES

1. Set the machine into the cleaning parking position
2. Attach the left brush to the brush holder
3. Attach the right brush to the brush holder

REMOVING THE BRUSHES

1. Set the machine into the cleaning parking position
2. Grasp each brush with both hands and pull it away from the machine to remove it.
3. Repeat the same procedure for the second brush.

CLEANING / REPLACING THE BRUSHES

After each cleaning operation, remove the brushes from the machine and rinse off any dirt. If you are using floor pads, rinse them after each use as well. Check the condition of the brushes and pads regularly, and replace them when worn.

TIP | RECOMMENDATION

Choose the type of brush or pad according to the floor type, as recommended by the flooring manufacturer. Optional accessories for different brush and pad types can be found in the “Accessories” chapter.

SQUEEGEE

The machine is equipped with a parabolic squeegee mounted directly behind the brushes. The squeegee is fitted with high-quality rubber blades to ensure optimal suction on various types of flooring. It includes a front squeegee blade and a rear squeegee blade.

TIP | RECOMMENDATION

Squeegee blades can be optionally purchased depending on the floor type and area of use. For cleaning workshop floors, we recommend using polyurethane (PU) squeegee blades.

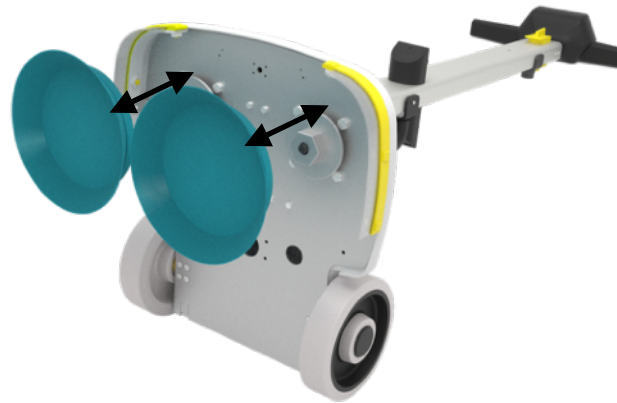


BRUSHES

SQUEEGEE

WARNING!

Before handling the brushes, pad holders, or squeegee, always place the machine in the parking position. Always switch off the machine before placing it into the parking position.



LIA

BRUSHES

SQUEEGEE

WARNING!

Before handling the brushes, pad holders, or squeegee, always place the machine in the parking position.

Always switch off the machine before placing it into the parking position.

SQUEEGEE

Before handling brushes or pad holders, set the machine to the cleaning parking position (see chapter “Parking Positions of the Machine”).

INSTALLING THE SQUEEGEE

1. Set the machine into the cleaning parking position (see chapter “Parking Positions of the Machine”).
2. Insert the squeegee into the slot until it fits snugly into the holder.

REMOVING THE SQUEEGEE

1. Set the machine into the cleaning parking position.
2. Grasp the squeegee in the center and pull it outward, away from the machine.

ADJUSTING THE SQUEEGEE HEIGHT

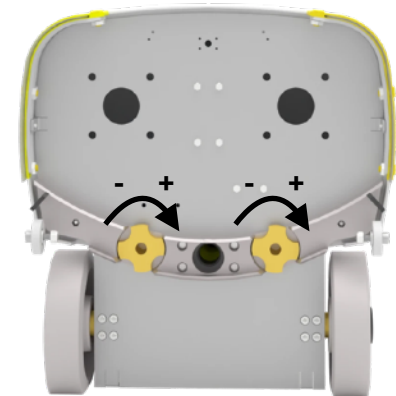
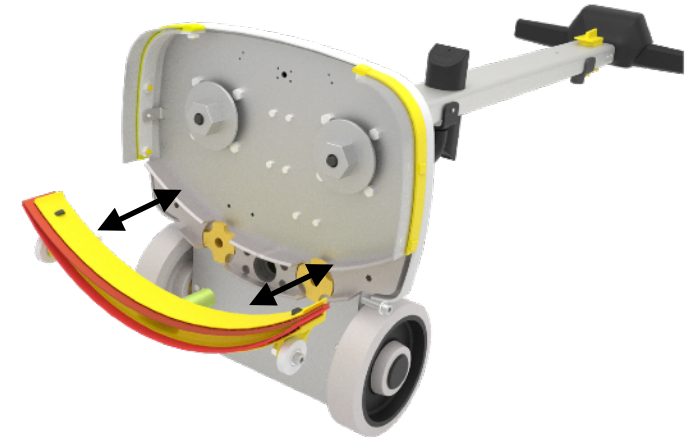
Due to wear of brushes, pads, or squeegee blades—or when adapting to specific floor types—the squeegee can be height-adjusted using rotating screws. Turn the adjustment screws on both sides equally so that they remain at the same height.

CLEANING / REPLACEMENT

Remove and rinse the squeegee after each cleaning session. Regularly inspect the squeegee blades and replace them immediately if worn. Only use original accessories and spare parts.

TIP | RECOMMENDATION

Need to scrub the floor thoroughly? Want the cleaning solution to soak in?
Remove the squeegee and use the machine without it for scrubbing only. Afterward, reattach the squeegee and vacuum up the loosened dirt.



BATTERIES AND CHARGING

The machine is equipped with two high-capacity lithium-ion batteries. They are placed in the rear part of the machine and are protected from water ingress. Thanks to their high capacity, they allow cleaning for up to 70 minutes on a single charge.

BEFORE FIRST USE

After unpacking the batteries and charger, place the batteries into the charger and let them charge first.

INSTALLING BATTERIES INTO THE MACHINE

Set the machine to the parking position (see chapter “Parking Positions of the Machine”). Open the battery covers. Insert the batteries into the holders. Push the batteries in until you feel slight resistance. Close the battery covers.

REMOVING THE BATTERIES

Set the machine to the parking position. Open the battery covers. Grasp the battery by the handle on the top side and pull it out. Store the batteries in a dry place at a temperature between 5–25 °C.

TIP | RECOMMENDATION

If you need to work with the machine for a longer time, purchase multiple sets of batteries. If you use more than one set of batteries, we recommend marking each set with the same color so that the batteries do not get mixed up and you always use the same set.

CHARGING

Only use the charger supplied by the manufacturer. Do not cover the charger during charging. Place the charger only on a flat, dry, and stable surface. Disconnect the batteries from the machine. Connect the batteries to the charger. Plug the charger into a grounded socket. The LED indicator on the charger signals the charging process. Charging takes approximately 3 hours.

DISPOSAL

Batteries are hazardous waste. For their disposal, follow the applicable legislation of the country where the machine is used.

Never dispose of batteries in household waste.



BATTERIES

CHARGING

WARNING!

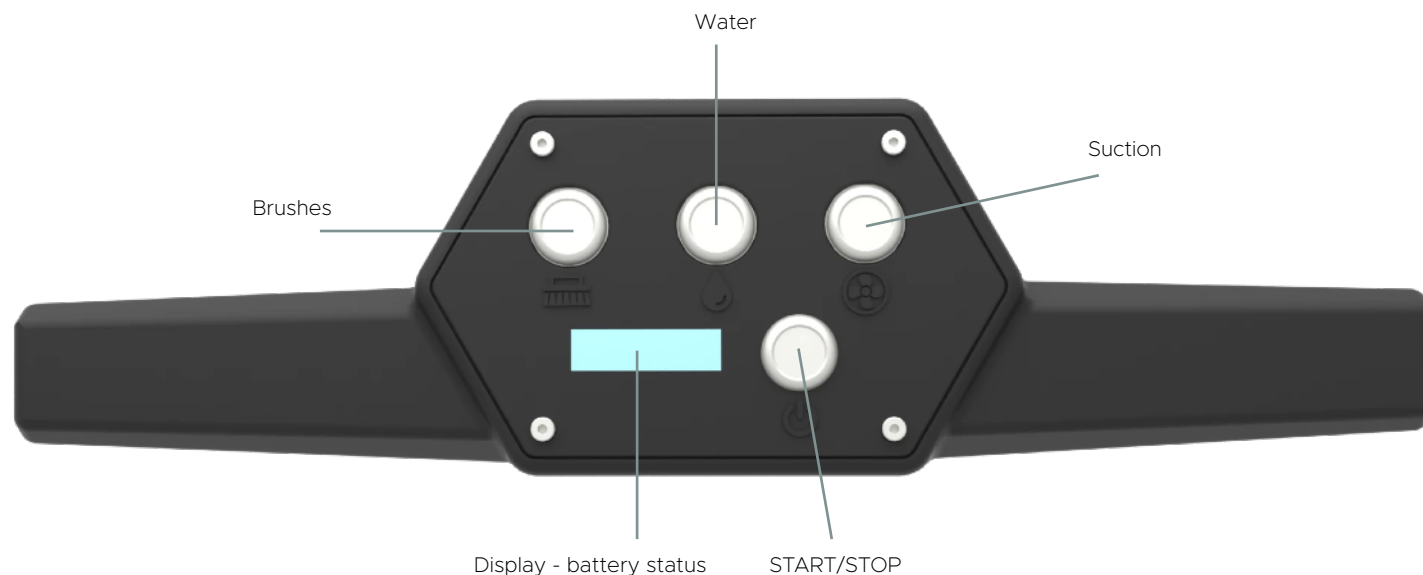
Always turn off the machine before removing the batteries.



CONTROL PANEL

CONTROL PANEL

Press the main switch. The battery status LED lights up and indicates the battery level. The START button flashes green. If the LED indicator does not light up, the battery is not charged. In this case, charge the batteries (see chapter “Batteries and Charging”).



The battery status indicator is an approximate indicator that may show different values when machine functions are turned on or off.

Each battery has its own BMS (battery management system), which prevents full discharge. In the event of low battery capacity, the brush motors will be the first to shut down.

TIP | RECOMMENDATION

When finishing work with the machine, first turn off the water/cleaning solution dosing button, vacuum up the remaining water from the floor, and switch off the brushes.

Let the suction motor run for a few more seconds (15s) to ensure no water remains in the hoses of the machine.

STARTING THE MACHINE

The correct procedure for starting the machine ensures proper functionality and saves time. The procedure below applies if brushes, floor pads, and the squeegee are already installed on the machine. If not, you must first install the brushes or pad holders with floor pads, and the squeegee (see the relevant chapters of this manual).

1. Move the machine out of storage and place it in the parking position for setup.
2. Insert the batteries into the holders one at a time. The batteries must click into place to prevent them from sliding out on their own.
3. Check the dirty water tank, lid, and filter. Mount the dirty water tank on the rear side of the handle and secure it using the rotary lock.
4. Grab the clean water tank / cleaning solution tank, unscrew the top cap, and fill the tank with water or cleaning solution. After filling, screw the cap back onto the tank.
5. Insert the clean water tank into the holder on the front side of the handle. The tank is equipped with a rubber coupling and valve on the bottom. Slide the clean water tank into the holder using this rubber coupling and align it with the handle. Gently press the tank against the handle and rotate the tank lock into the vertical position to secure it.
6. Set the handle to the desired working position: LIA FIXED DRIVE or LIA 360° DRIVE, depending on your cleaning needs.
7. On the control panel, press the power button. When the machine turns on, the battery status display will light up showing current battery capacity.
8. On the control panel, gradually activate the individual functions by pressing the corresponding buttons. First, press the brush button on the left side of the panel. This activates the brushes and moves the machine forward. The special brush holders ensure smooth handling across the entire floor area.
9. Press the center button to activate the pump for dosing the cleaning solution.
10. Press the right button to activate the suction motor, which ensures perfect vacuuming of dirt and moisture from the floor.

TIP | RECOMMENDATION

If you are cleaning a small area, do not fill the clean water tank completely. Fill it only partially. This saves water and reduces the weight of the handle while using the machine in LIA 360° DRIVE mode.



TURNING ON THE MACHINE

WARNING!

ALWAYS SECURE THE TANKS BY ROTATING THE LOCK TO THE VERTICAL POSITION. IF THE TANKS ARE NOT SECURED, THEY MAY FALL OUT. FALLING TANKS MAY CAUSE DAMAGE TO THE TANKS, TO THE MACHINE, OR TO THE FLOOR.



WORKING WITH THE MACHINE

WARNING!

AS SOON AS THE CLEANING SOLUTION IN THE CLEAN WATER TANK RUNS OUT AND YOU NEED TO REFILL IT, YOU MUST FIRST REMOVE, EMPTY AND CLEAN THE DIRTY WATER TANK.

WORKING WITH THE MACHINE

Once you put the machine into operation according to the previous chapter “Starting the Machine”, you must work with the machine in such a way that the machine head remains in constant forward motion (the squeegee can only vacuum dirt when the machine is moving forward).

TIP | RECOMMENDATION

If you need to stop during cleaning, first press the center button to stop dosing the cleaning solution, then press the brush button to stop them, and finally press the suction motor button.

If you need to turn off the machine due to a safety hazard or other extraordinary situation, press the ON/OFF button. This will turn the machine off completely. This shutdown method should only be used in exceptional cases. For regular shutdown or pausing, use the individual function buttons.

While working with the machine, be aware of and monitor the machine, the cleaned floor, and the surroundings. Follow all safety rules applicable to the place, object, and activity. Before using the machine, the floor must be cleared of larger debris (if not removed, there is a risk of clogging or jamming the brushes and lifting or blocking the squeegee, which may result in poorly cleaned or vacuumed floor).

While using the machine, monitor the level of cleaning solution in the tank and the proper dosing on the floor. The tank is made of transparent plastic so you can see the fluid level. If the tank is empty, park the machine and remove the clean water tank by the handle, placing it beside the machine. Immediately after this, remove the dirty water tank as well. Grasp both tanks and carry them to a room intended for emptying and cleaning the tanks. Pour out the dirty water, rinse and clean the tank thoroughly, including the lid. Set the prepared dirty water tank aside for now. Grasp the clean water tank, unscrew the top cap, and fill the tank with water or cleaning solution. Grasp both tanks and return to the machine. Mount the dirty water tank on the machine, then mount the clean water tank. Always check that the tanks are secured by turning the locking mechanism to the vertical position.

WORKING WITH THE MACHINE

While working with the machine, check whether the floor is properly cleaned. If the floor is not cleaned well, check the wear on the brushes and pads. Replace them if needed, or choose different accessories suitable for the specific floor type.

Verify that you are using the correct cleaning solution and that dosing is adequate and in line with the manufacturer's recommendations.

While working with the machine, check whether the floor behind the machine is dry, i.e., perfectly vacuumed.

If the floor is not properly vacuumed, check the following:

- Filter of the suction motor (clean it if clogged)
- Clogged squeegee or suction hose (clean the squeegee and hose)
- Dirt stuck to the squeegee blades or under the squeegee (clean the squeegee and blades)
- Squeegee blades are worn out (replace with new ones)
- Squeegee blades are not suitable for the surface (replace with blades made of a different material – see chapter Accessories)

TIP | RECOMMENDATION

If mechanical dirt lifts the squeegee blades and leaves streaks of dirt, tilt the machine slightly backward (downward), so the brushes and squeegee lift slightly off the ground, move the machine back a little, then drive forward over the area again.

This gives you a good chance that the debris will be vacuumed up.

If this does not work, stop the machine and remove the dirt from the floor and the squeegee.

WATER ADJUSTMENT

Each surface requires a different amount of water for cleaning. Absorbent floors like concrete need more water, while non-absorbent surfaces need less.

Adjust the water dosing using the mechanical valve located on the rear side of the handle at the bottom.

SPLASH GUARD PROTECTION

Splash guards are mounted on the front of the machine to prevent the rotating brushes from throwing water beyond the width of the squeegee.

Check and clean the splash guards regularly. If they are worn or non-functional, replace them with new ones.



WORKING WITH THE MACHINE



WORKING WITH THE MACHINE

WORKING WITH THE MACHINE

To work with the machine properly, you must correctly choose between the working handle positions. Proper use ensures easy and effortless work with the machine.

LIA FIXED DRIVE

Up to 95% of work time with the machine is in the LIA FIXED DRIVE position, where the handle is fixed in one position and cannot be moved. In this mode, the machine can be controlled practically with one finger and offers effortless cleaning.

The direction of the machine, turning and rotating is controlled using the handle and the push movement to the left and right.

LIA 360° DRIVE

The LIA 360° DRIVE working position is intended for cleaning complex and small areas, wherever you need to avoid obstacles and where maximum maneuverability is required.

In this mode, you can easily reach under, for example, desks in offices or urinals in toilets.

In the LIA 360° DRIVE working position, the joint is released in both axes, giving the machine high maneuverability.

TIP | RECOMMENDATION

If your environment is demanding and you will use the machine mostly in LIA 360° DRIVE mode, we recommend not filling the clean water / solution tank to full. This reduces the weight of the handle and increases maneuverability.

WARNING

Never leave the machine running unattended.

If the machine is left, it must be switched off and secured to prevent unauthorized access, especially by children.

TURNING OFF THE MACHINE

The correct procedure for turning off the machine ensures proper completion of cleaning and also saves time. To turn off the machine, follow these steps:

1. Press the center button on the control panel to stop dosing the cleaning solution
2. Vacuum up remaining dirt from the floor (brushes and suction motor must be running)
3. Press the leftmost button on the control panel to stop the brushes
4. Leave the suction motor running
5. Set the handle to the Parking position
6. Slightly tilt the machine by pressing the handle downward (support one foot against the wheel and push down on the handle) so the machine can be transported to the cleaning area
7. Turn off the suction motor (leave it on during transport to prevent water from dripping from the squeegee or hose)
8. Press the ON/OFF button on the control panel to switch off the machine (display turns off)
9. Remove the batteries from the machine (if they do not need charging, store them in a safe place; if they do, place them in the charger)
10. Remove and clean the tanks. Do not leave the tanks outside the machine.
11. Perform daily maintenance (see next chapter “Daily Maintenance”)

TIP | RECOMMENDATION

Switch off the suction motor as needed and with consideration — but always with a delay to ensure no residual water remains in the hoses, which might later leak under the machine.



TURNING OFF THE MACHINE



DAILY MAINTENANCE

DAILY MAINTENANCE

Regular and proper maintenance not only extends the lifespan of the machine, but more importantly ensures its proper functioning and the effectiveness of floor cleaning.

WARNING!

Perform any maintenance only when the machine is turned off and the batteries are removed from the machine and stored in a safe place. Perform maintenance only with protective work equipment, especially protective gloves.

Every day after completing work with the machine / after turning it off, perform the following steps:

1. Remove both batteries from the machine and place them into the charger or store them in a safe place as needed.
2. Empty the clean water tank and check the rubber connector at the bottom of the tank. Rinse the tank if necessary, dry it, and store it in a designated place outside the machine.
3. Remove the lid of the dirty water tank and empty the dirty water. Rinse and clean the tank. Clean the filter located on the underside of the lid. Place the tank and lid outside the machine (the lid can remain attached to the tank, but if left attached, make sure the tank is well-ventilated to prevent odor).
4. Place the machine in the Parking position for cleaning (tilt it backward and rest it on the handle; from the front side you will have easy access to the brushes and squeegee).
5. Remove the brushes. Grip each brush with both hands and pull in the direction away from the machine. Clean the brushes and rinse them with water.
6. Remove the squeegee. Grip the squeegee in the center and pull in the direction away from the machine. Clean the squeegee thoroughly, especially the rubber blades — no dirt must remain on them.
7. Wipe the squeegee holder and machine frame with a cloth.
8. Wipe the inside and outside of the splash guard on the left front side of the machine.
9. Reinstall the brushes onto the machine.
10. Reinstall the squeegee onto the machine.
11. Set the machine into the Parking position for storage.
12. Wipe the handle, control joint, and underside of the machine including wheels.
13. Park the machine in a safe place designated for storing this equipment.

TIP | RECOMMENDATION

Daily maintenance according to the list above takes only 10 minutes of your time. 10 minutes after each cleaning = the machine is ready for the next use and further cleaning is worry-free. 10 minutes of daily maintenance will extend the machine's lifespan and ensure the machine always looks clean and professional.

SERVICE & SPARE PARTS

WARNING!

Any service work on the machine must be carried out exclusively by an authorized service center of the manufacturer. Authorized service centers are usually distributors in each country unless stated otherwise.

In case of any malfunction of the machine, always contact your distributor. Never attempt to repair the machine yourself.

TIP | RECOMMENDATION

The machine is delivered in a box measuring 40x50x120 cm, which makes it easy to pack and fully suitable for return shipping in case repair is needed.

We recommend — and kindly request — that you keep the packaging for possible future handling or servicing.

TRUE SUSTAINABILITY

By using parcel shipping services, we reduce our carbon footprint by up to 80% compared to sending out service technicians, while also saving time and reducing the final repair cost.

ORIGINAL SPARE PARTS

For repairs, always use original spare parts from the manufacturer.
Only then will you ensure proper and safe operation of the machine.

AFFORDABLE

Our commitment is real support. Not only are our machines, but also original spare parts and accessories, affordably priced.

We make cleaning easier, better, and more accessible for everyone.

TIP | RECOMMENDATION

Need advice? Contact your distributor or visit our global website at www.liafamily.com and request assistance.

LIA

SERVICE & SPARE PARTS



ACCESSORIES

ACCESSORIES

WARNING!

The accessories listed in this manual may not be fully up-to-date due to ongoing improvements. For current available accessories, contact your distributor or visit the product website accessories section at www.liafamily.com

TIP | RECOMMENDATION

For proper machine function and cleaning effectiveness, always use only original accessories. Original LIA accessories are priced affordably, just like original spare parts.

STANDARD ACCESSORIES

Standard accessories are delivered with the machine.



Cleaning brush



Front squeegee



Rear squeegee



18V 12Ah battery



Battery charger

OPTIONAL ACCESSORIES

Optional accessories can be purchased separately. For current prices, please contact your distributor.

Soft brush Front PU squeegee Rear PU squeegee Pad holder pad bílý pad červený pad modrý



Green pad



Brown pad



Black pad



Microfiber pad holder



Microfiber pad 1



Microfiber pad 2

Polo shirt Cap Jacket Backpack



PROHLÁŠENÍ O SHODĚ

IT	DICHIARAZIONE DI CONFORMITÀ "CE" Dichiariamo sotto la nostra esclusiva responsabilità che il prodotto al quale questa dichiarazione si riferisce è conforme alle seguenti Direttive Comunitarie:	FI	YHDENMUKAISUUSVAKUUTUS "CE" Vakuutamme omalla vastuullamme, että seuraava tuote jota tämä vakuutus koskee, on yhdenmukainen seuraavassa Euroopan yhteisön direktiivit :
EN	"CE" CONFORMITY DECLARATION We declare on our own responsibility that the product to which this declaration refers is in accordance with the following European Community Directives :	EL	"CE" Δηλώνουμε φέροντας την αποκλειστική ευθύνη ότι το προϊόν στο οποίο αναφέρεται η δήλωση αυτή είναι σύμφωνη με τις ακόλουθες οδηγίες της Ευρωπαϊκής Κοινότητας:
FR	DECLARATION DE CONFORMITE "CE" Nous déclarons sous notre exclusive responsabilité que le produit auquel cette déclaration se réfère est conforme aux directives européennes suivantes communautaire:	SK	PREHLÁSENIE "EÚ" O ZHODNOSTI Prehlasujeme na vlastnú zodpovednosť, že výrobok, na ktorý sa vzťahuje toto prehlásenie je zhodný s nasledujúcimi Európskeho spoločenstva:
DE	"CE" KONFORMITÄTSEKLRÄUNG Auf unserer Alleinverantwortung erklären wir, daß das Produkt, auf das sich diese Erklärung bezieht entspricht den folgenden Richtlinien der Europäischen Gemeinschaft :	HU	"CE" MEGFELELŐSÉGI NYILATKOZAT Saját felelősségünk alatt kijelentjük, hogy a termék, amelyre a nyilatkozat vonatkozik, megfelel az következő európai közösségi irányelvek:
ES	DECLARACIÓN "CE" DE CONFORMIDAD Bajo nuestra exclusiva responsabilidad, declaramos que el producto, al que esta declaración se refiere, es conforme con las siguientes directivas comunitarias:	CS	PROHLÁŠENÍ "CE" O SHODĚ Prohlasujeme výlučně na vlastní zodpovědnost, že výrobek, na který se vztahuje toto prohlášení je ve shodě s následujícími Evropského společenství:
PT	DECLARAÇÃO "CE" DE CONFORMIDADE Declaramos sob a nossa exclusiva responsabilidade que o produto ao qual esta declaração se refere está em conformidade com as seguintes directivas comunitárias:	ET	"CE" VASTAVUSDEKLARATSIOON Deklareerime meie ainuvastutuse juures, et see toode vastab järgmistele standarditele ja Euroopa Ühenduse direktiivide:
NL	DECLARAÇÃO "CE" DE CONFORMIDADE Declaramos sob a nossa exclusiva responsabilidade que o produto ao qual esta declaração se refere está em conformidade com as seguintes directivas comunitárias:	LT	"CE" ATITIKTIES DEKLARACIJA Prisiimdami visą atsakomybę, mes pareiškiame, kad produktas, kuriam taikoma ši deklaracija, atitinka šiuos Europos Bendrijos direktyvas:
DA	OVERENSSTEMMELSESERKLÆRING "CE" Vi forsikrer under eget ansvar at følgende produkt som omfattes af denne erklæring er i overensstemmelse med vilkårene i følgende EU direktiver:	SL	IZJAVA O SKLADNOSTI "CE" Izjavljamo na našo odgovornost, da je izdelek, na katerega se nanaša ta deklaracija, v skladu s sledečimi direktivami Evropske skupnosti :
SV	FÖRSÄKRAN OM ÖVERENSSTÄMMELSE "CE" Vi försäkrar under eget ansvar att följande produkt som omfattas av denna försäkran i överensstämmelse med villkoren i följande Europeiska gemenskapens direktiv:	PL	DEKLARACJA ZGODNOŚCI "UE" Oświadczamy na naszą wyłączną odpowiedzialność, że produkt, którego dotyczy niniejsza karta gwarancyjna, jest zgodny z następującymi dyrektywami Wspólnoty Europejskiej:
N	BEKREFTELSE OM OVERENSSTEMMELSE "CE" Vi forsikrer under eget ansvar at følgende produkt som omfattes af denne bekræftelsen er i overensstemmelse med vilkårene i følgende disse EU-direktivene:	LV	"CE" ATITIKTIES DEKLARACIJA Prisiimdami visą atsakomybę, mes pareiškiame, kad produktas, kuriam taikoma ši deklaracija, atitinka šiuos Eiropas Kopienas direktyvas:

LIA

DECLARATION OF CONFORMITY



DECLARATION OF CONFORMITY



PROHLÁŠENÍ O SHODĚ

2006/42/CE - 2014/30/CE - 2000/14/CE - 2011/65/EU - 2014/35/CE

Aplikované harmonizované standardy / Applied harmonised standards

PRODUKT / PRODUCT

PODLAHOVÝ MYCÍ STROJ / FLOOR SCRUBBER DRYER

MODEL / MODEL

VÝROBNÍ ČÍSLO / SERIAL NUMBER

LIA PRO

Autorizovaná osoba k podpisu prohlášení.
Person authorised to compile the Technical
File.

TAOC TECHNOLOGIES S.R.O.
Rokytno 235, 53304 Rokytno
Czech Republic

Pozice / Position: General Manager

Jméno / Name: Tomas Prchal

Datum / Date: 15.4.2025

Podpis / Signature:

Výrobní číslo / Serial n°

Podpis zaměstnance kontroly
Signature of the inspection employee

WARRANTY

The seller is responsible to the buyer that the item is free of defects upon receipt. In particular, the seller is responsible to the buyer that the goods have the characteristics agreed upon or described by the seller or manufacturer, or which the buyer expected with regard to the nature of the goods and advertising, that the goods are suitable for the purpose for which they are normally used, that they correspond in quality or workmanship to the agreed sample or model if quality or workmanship was determined according to the agreed sample or model, that the item is in the appropriate quantity, size or weight, and that it complies with legal requirements.

The rights and obligations of the contractual parties arising from the seller's liability for defects, including warranty liability, are governed by the applicable general binding legal regulations, especially by Sections § 2113 and following and § 2161 and following of the Civil Code (NOZ). If a defect manifests within six months of receipt, the item is considered defective upon delivery.

The seller provides a warranty for quality under Section § 2113 of Act No. 89/2012 Coll., Civil Code (hereinafter referred to as "NOZ"), i.e. a warranty that the goods delivered will be fit for the agreed purpose and will retain agreed or usual properties. The buyer is obligated to report a defect to the seller without undue delay upon discovering it and to do so in accordance with the applicable complaint terms and conditions. The complaint conditions have been prepared in accordance with Act No. 89/2012 Coll., Civil Code, and Act No. 634/1992 Coll., on consumer protection, as amended. The buyer may claim the seller's warranty only for goods that exhibit a defect attributable to the manufacturer, supplier, or seller, and the warranty applies only if the goods were purchased through an authorized seller or distributor.

The warranty period is 24 months for consumer sales (non-business buyers) and 12 months for business entities, starting from the date the goods are delivered to the buyer, or from the date they are put into operation if installation is agreed upon in the contract and performed by the seller or an authorized person. In such cases, the commissioning date must be clearly stated.

If the seller or an authorized person performs the commissioning, the warranty period begins on the date of commissioning. For delivered (replaced) spare parts during repair and for power batteries in all types of products, the seller provides a warranty of 6 months and for labor performed during repair, a warranty of 3 months. Power batteries (batteries) in all product types have a lifespan warranty of 6 months.

The buyer is obligated to inspect the goods upon receipt and verify its features and quantity. If the buyer fails to do so, they may assert claims only for defects that could not have been discovered even with a proper inspection.

In the event of a justified claim, the buyer is entitled to written confirmation, either in person at a TAOC Technologies s.r.o. branch, or remotely, confirming that the seller has received the complaint, what the complaint includes, and the desired resolution requested by the buyer. Proper and timely complaints will be handled by the seller in accordance with Act No. 89/2012 Coll., Civil Code, and Act No. 634/1992 Coll., on consumer protection.



WARRANTY



WARRANTY

WARRANTY

Warranty repairs may only be performed by the seller or an authorized service center, as listed on the website www.liafamily.com. The buyer is obligated to report (claim) any defects to the seller without undue delay after discovering them, and no later than within the warranty period specified by law; otherwise, the buyer loses the right to claim defects. If the buyer performs or allows any unauthorized intervention in the product, the seller is not responsible for defects caused by such unauthorized actions, and the buyer loses the warranty for quality. The buyer also loses warranty rights if there is any unauthorized or improper intervention in the mechanical, electronic, software, or electrical components of the product.

If the goods do not have the properties specified in point 7.2 of the GTC, the buyer may request delivery of new goods, unless the defect is minor given the nature of the item. If the defect concerns only part of the goods, the buyer may only request a replacement of that part. If this is not possible, the buyer may withdraw from the contract. The buyer may withdraw from the contract without undue delay if the defect cannot be remedied and significantly impairs the item's usability. The buyer has the right to delivery of new goods or replacement of parts, even in the case of a removable defect, if the item cannot be properly used due to the repeated occurrence of the defect after repair or due to multiple defects. In such a case, the buyer also has the right to withdraw from the contract.

If the buyer does not withdraw from the contract or does not request delivery of new goods or replacement of parts, they may request a reasonable discount. The buyer has the right to a reasonable discount even if the seller cannot deliver new goods, replace the part, or repair the item, or if the remedy is not provided within a reasonable time or causes substantial inconvenience to the consumer.

The buyer cannot claim a warranty for defects that the seller specifically pointed out at the time of contract conclusion. The right to claim defective performance does not apply if the defect was known to the buyer before taking delivery or if the buyer caused the defect themselves, especially in the following cases:

- a. using the goods in conditions that do not meet the recommended temperature, humidity, chemical or mechanical environmental influences,
- b. improper handling, operation, or neglect of prescribed care of the goods,
- c. damage to the goods from overloading, or use contrary to the instructions in the manual or general safety, technical or legal standards valid in the Czech Republic,
- d. damage caused by force majeure and/or unforeseeable events,
- e. accidental destruction of the goods,
- f. unauthorized intervention, damage during transport, water damage, fire, static or atmospheric electricity, or other acts of force majeure,
- g. unauthorized and unlawful tampering with the goods by an unauthorized person.