SPORTBOT

USER MANUAL

TENNIS · PADEL



VERSION 1.4.0

Thank you

Welcome to the Sportbot family. By choosing Sportbot, you've taken a step towards unlocking your true potential on the tennis or padel court. As you flip through these pages, you'll find not just instructions but a commitment to your success.



Every detail, every feature, has been meticulously designed with one goal in mind: to make you a better player and/or coach. But like every journey, it begins with understanding. Please take a moment to read through this manual to ensure not only the safety and longevity of your Sportbot but also to maximize the benefits it offers.

On the tennis or padel court, as in life, success is a journey, not a destination. I'm honored and excited to be a part of yours.

With gratitude and passion,



Toni Ulčar, Founder

Before you begin

Sportbot is designed for dry and clean playing conditions. Following these few points will help ensure safe operation and consistent performance.

- Before starting, make sure Sportbot faces the net straight. Incorrect positioning affects shot accuracy.
- Keep the launcher and drive wheels completely dry. Moisture reduces grip and may affect accuracy and movement precision.
- Always operate on a dry, firm surface.
- Use only clean, dry, standard tennis or padel balls appropriate for your sport and Sportbot model. Avoid dirty, damp or damaged balls; moisture can cause jams or motor damage.
- Let balls stored in very cold conditions reach room temperature and dry fully before loading. Hard, cold balls can substantially damage the launcher wheels. See chapter 9 for ball storage and care.
- Always start with a full battery. Low battery can trigger safety mode.

Learn with Sportbot

We want to help you get the most from every session. Follow Sportbot on the platform you already use for practical setup guidance, machine tips, tennis and padel drills, maintenance advice, and product updates.

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1 Safety

1.1 High-speed launcher caution

Sportbot's wheels operate at significant speeds to launch balls. For your safety, never stand directly in front of the machine when it's turned on. Additionally, avoid placing your hands or any other objects inside it while the wheels are spinning or while the machine is turned on. Use only standard tennis or padel balls appropriate for your sport and Sportbot model. Do not use softer or larger balls designed for children's training. This precaution helps prevent accidents and injuries.

1.2 Child safety

Tennis and padel are sports enjoyed by all ages. However, when using the Sportbot near children, always ensure close supervision. The machine's moving parts and high-speed launches might be fascinating to young eyes but can pose safety risks.

1.3 Machine movement caution

The Sportbot is designed to move autonomously on the court during sessions. Ensure the court is free from any objects or obstacles before activating its movement. This ensures smooth operation and prevents potential collisions. While the Sportbot is carefully designed for safety and effectiveness, it is imperative for users to ensure proper setup and monitoring during use. Sportbot is not responsible for any damages to the court or potential injuries to individuals or property that may occur during its operation.

1.4 Dedicated usage

Sportbot is designed for tennis and padel training. Use standard balls appropriate for your sport and Sportbot model. Introducing other balls or objects can damage the machine and compromise safety. Always ensure the machine is in a dry environment. Discovering signs of the machine being wet will void the warranty.

1.5 Stay clear of moving parts

The Sportbot is a marvel of motion when in action. Parts like the ball feeder and the launching wheel are in constant movement during operation. It's crucial to remember that even after switching the machine off, the launching wheel might continue to spin for a short while.

1.6 Protective measures

If you ever need to make repairs, adjustments, or even just a quick check, wearing protective eyewear is a necessary precaution. It shields your eyes from any unexpected projections or debris. Before any inspection, cleaning, adjustment or jam clearing, switch off Sportbot, remove the battery and wait until all moving parts have stopped.

1.7 Battery precautions

Sportbot is powered by a Lithium-Ion battery, which is designed for efficiency and longevity. To ensure its optimal function:

- Only use the official charger provided with the Sportbot.
- Refrain from exposing the battery to temperatures above 65°C.
- Handle the battery with care and ensure it's not punctured or damaged in any manner.

1.8 Proper shutdown

After every training session or usage, ensure the Sportbot is switched off and in a stable position. This not only ensures safety but also prolongs the machine's lifespan. Store the Sportbot in a dry, cool place away from direct sunlight to prevent any weather-related damage and to maintain optimal performance.

IMPORTANT **Responsibility for supervised use**

Coaches and tennis or padel club / academy personnel who make the machine available for use in their practices and in their clubs are responsible for conveying these safety precautions to their students and users before operation.

WARNING **Storage caution**

Avoid storing the Sportbot in temperatures above 45°C or below −5°C. Keep the machine indoors and do not leave it in a cold environment. Storage in very cold conditions can trigger IR sensor faults, while wet or cold conditions can reduce launcher wheel grip and performance.

2 Machine setup

2.1 Transportation handle

Before setting up your Sportbot on the court, it's crucial to familiarize yourself with the handle operation. To extend the handle, effortlessly click the lock button on top of the machine and then lift the handle upwards. Remember, this handle is designed to allow the smooth transportation of the machine across surfaces; however, dragging it up or down stairs is not advisable. Engaging in such activities could damage the handle, and such damages are not encompassed within the warranty. Additionally, always be cautious of rough or uneven terrains to prevent any harm to the machine's base.



Carry using both lifting points.



Release the lock and extend the handle.



Handle fully extended; Sportbot stays upright.

2.2 Transportation

To roll Sportbot, fold the ball container, extend the transportation handle and tilt the machine back onto its two dedicated rear transport wheels. Keep all four Mecanum drive wheels off the ground. Before lifting Sportbot into a vehicle, collapse the handle. Sportbot weighs approximately 23 kilograms. On stairs or rough ground, carry it using the front opening and fixed rear handle; get help if needed.



Correct: roll on the rear transport wheels.



Incorrect: drag on the four Mecanum drive wheels.

NOTE **Use the dedicated transport wheels**

It is not advisable to transport the Sportbot on its four drive wheels. Doing so may damage the wheels, motors, and/or internal electronics. This behavior will void the warranty. Always use the two dedicated transport wheels located at the back to move the machine smoothly on the court.

2.3 Ensuring correct orientation

Position Sportbot so it faces the center of the net straight, rather than at an angle. Use the same alignment check for tennis and padel.

IMPORTANT **Align before switching on**

Before every power-on, make sure Sportbot faces the net straight. At power-on, the machine records its current heading as straight ahead (0°). An angled starting position makes shot placement inaccurate.



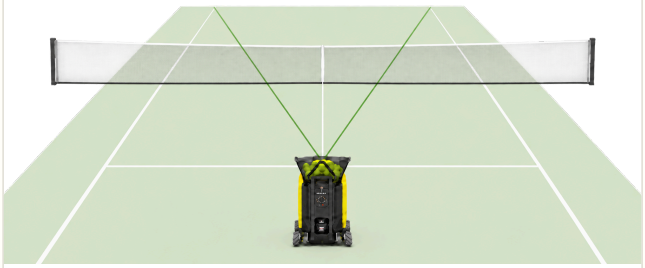
Correct: facing the net straight.



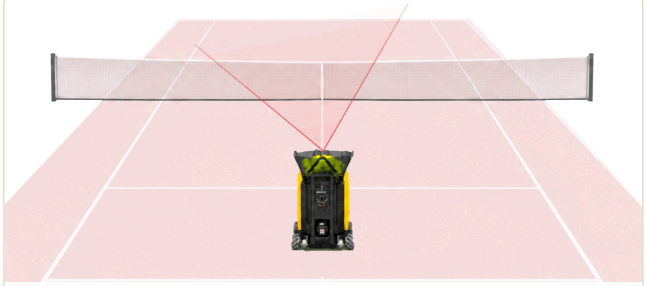
Incorrect: angled away from the net.

2.4 Heading drift and reset

After a long session, the direction of launched balls may drift by a few degrees. This can shift every shot away from its intended placement. Reset the heading in the app after realigning Sportbot.



Correct heading: shots follow the intended direction.



Heading drift: shot placement shifts to one side.

Before starting the next drill:

- With the machine stopped, aim Sportbot straight at the center of the net again.
- On the app's pre-drill warning screen, tap the navigation-arrow button in the top-left corner.
- In the reset sheet, tap **Reset heading** to confirm. Sportbot now treats the direction it is facing as straight ahead.

The Reset heading button is available with machine firmware version 2 or later. If it is missing, contact Sportbot support for guidance.

2.5 Checking the court

Clear the court and the planned movement path of loose balls and other obstacles before starting. Check that the surface is dry and firm. On clay, avoid abrasive, soft or wet areas. Hard courts, carpet courts, artificial tennis turf and artificial padel turf are compatible. Do not use Sportbot on natural grass. On a padel court, check clearance from glass walls, fences, posts and entrances throughout the planned movement path. Keep entrances clear and supervise the machine during movement.

2.6 Selecting the balls

Use standard balls for your sport and Sportbot model. For tennis, pressureless balls are recommended for consistent shots. For padel, use standard padel balls. Keep each batch consistent in type, condition and softness; do not mix tennis and padel balls. See chapter 9 for selection and storage guidance.

2.7 Checking the Sportbot

Before switching on the machine, perform a quick check of its battery to ensure no visible damage. Make sure that the battery has enough charge for the duration of the practice by pressing the white status button on the battery. Confirm that the launcher and drive wheels are in optimal condition.

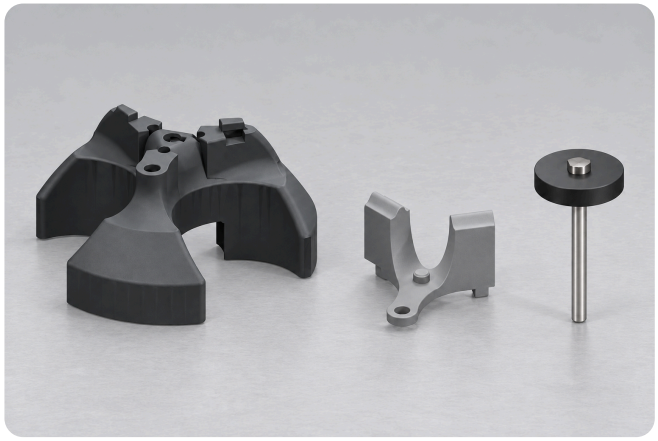
2.8 Setting up the feeder mechanism

Feeder mechanism setup video

You can also check the feeder mechanism setup video here.

Before assembling the feeder, switch off Sportbot, remove the battery and wait for all moving parts to stop. The feeder stirrer and mixer ensure proper stirring when the container holds more than 30 balls. Follow the four illustrated steps below.

1 Identify the parts



Ball sorter
Dark gray; shown on the left.

Feeder stirrer
Lighter gray; shown in the center.

Feeder mixer
Black disc with a steel shaft and bolt; shown on the right.

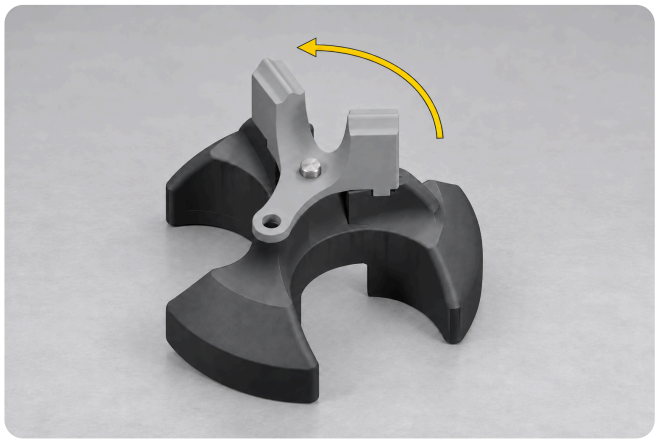
2 Insert the stirrer



Align the stirrer
Line up the cylinder underneath with the center hole.

Lower the stirrer
Insert it straight into the hole.

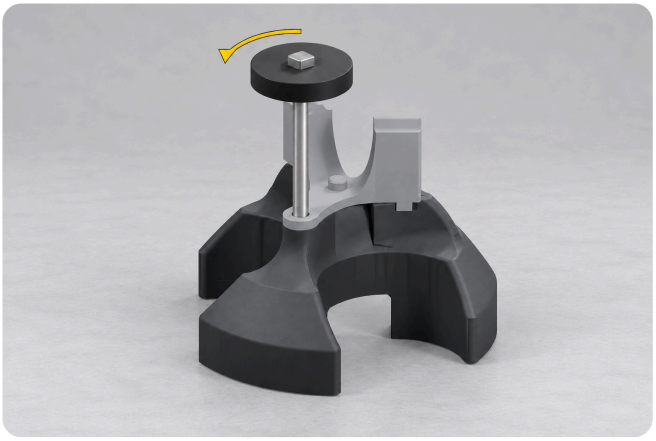
3 Lock the stirrer



Turn to lock
Rotate the stirrer counterclockwise.

Check the fit
Make sure the stirrer stays securely in place.

4 Install the mixer



Insert the mixer
Place its shaft into the matching side hole.

Tighten the mixer
Turn it counterclockwise to tighten it.

Practice configuration: the feeder mechanism is now ready for practice.

Stowing the feeder for transport allows you to fully close the ball container and minimize the volume of Sportbot. Do not operate the feeder in its transport configuration. Assemble it as illustrated before practice.

3 Ball container

3.1 Folding the container

Keep all four panels fully open during practice. For transport, fold them in the order shown below.

IMPORTANT **Before folding the container**

Switch off Sportbot, remove the battery and wait for all moving parts to stop. Empty the container and stow the feeder. Keep fingers clear of hinges and tuck the corner fabric inside.



1 Fold the left side



2 Fold the right side



3 Fold the back panel



4 Fold the front panel

4 Battery life and maintenance

4.1 Charging and battery care

Before using your Sportbot for the first time, ensure that you charge it until the battery is fully charged. The battery level will be displayed upon startup. To maintain optimal battery health, always charge your Sportbot fully after each session. Use only the official charger supplied with Sportbot and follow its charging instructions.

4.2 Tips for optimal battery life

- Charge for no longer than 2 hours. Follow the instructions supplied with the official charger.
- Never store the Sportbot with a completely discharged battery. Maintain at least a 30% charge if the machine won't be in use for extended periods.
- Avoid storing or using your Sportbot in extreme temperatures. For best battery health, keep the machine within normal room-temperature conditions whenever possible, as extreme heat or cold accelerates battery aging.
- The ideal storage temperature for your Sportbot is between 18°C and 28°C (64°F and 82°F), in a location shielded from direct sunlight.
- For battery care, do not charge the battery when it is cold. Let the battery return to room temperature before charging. For best long-term performance, store the battery at room temperature whenever possible.
- If battery performance diminishes over time, replacement batteries are available for purchase.

IMPORTANT **Maintain battery health**

Remember, regular and proper battery maintenance ensures not only optimum performance but also extends the life of your Sportbot.

5 User interface

5.1 Using the control panel

Use the rear control panel to adjust Sportbot without the mobile app.

- **Turn the knob** to adjust the selected setting.
- **Press the knob** to move through the five settings. Ball speed is selected at startup.
- **Read the five LEDs** above the knob for the current level, from 1 to 5. The setting symbols are below and around the knob.



Sportbot user interface

Bluetooth

The Bluetooth LED shows the connection to the app.
Blinking: not connected · **Steady light:** connected

Ball speed

Turn clockwise to increase launch speed. Starts at level 1.
1: lowest speed · **3:** medium speed · **5:** highest speed

Ball spin

Turn clockwise for topspin or counterclockwise for backspin. Starts flat.
1: maximum backspin · **3:** flat · **5:** maximum topspin

Launch height

Turn clockwise to raise the launch height. Starts at the lowest height.
1: lowest launch height

Placement width

Turn clockwise to widen side-to-side placement. Starts at the narrowest range.
1: narrowest range · **5:** random oscillation

Shot delay

Turn the knob to adjust the time between launches.
Default: level 3, a 3-second delay

6 Offline drill mode

6.1 Starting an offline drill

In offline drill mode, as detailed in chapter 5 of this manual, you can operate Sportbot directly via the onboard user interface; no mobile app required.

Once you have dialed in your desired settings, press the START/STOP button to initiate the session. Listen for a beep, indicating that the machine has registered your settings and is ready to begin.

The machine will then start a pre-launch countdown, providing a 12-second delay. This delay ensures you have sufficient time to move to your starting position on the court.

To stop or modify settings during the session, press the START/STOP button once to pause. You can then adjust your settings as needed before resuming.

This mode is designed for simplicity and ease of use, allowing you to focus entirely on your training without the need for digital interaction. Each setting has been calibrated to offer you a comprehensive range of drills that can be easily adjusted to suit your training needs.

7 Mobile application

7.1 Connect to Sportbot

- Enable Bluetooth on your phone and allow the permissions requested by the app.
- Position Sportbot facing the net, switch it on and keep your phone nearby.
- Open the app, select your Sportbot and tap Connect. Wait for the connection to complete; the machine's Bluetooth LED should remain steadily lit.
- Select your sport. For tennis, choose the court surface that matches your court. For padel, use the default Padel surface setting. Then select or create a drill and keep the app visible during the start countdown.

IMPORTANT **Keep the app active during countdown**

When you initiate a drill through the app and a countdown begins (e.g., a 5-second delay before starting), it is crucial to keep the app active on your screen. If the app is closed or your phone goes to sleep during this countdown, the Sportbot will not receive the final start command when the timer reaches zero, preventing the drill from starting. To ensure smooth operation, please keep your screen active until the countdown has completed.

WARNING **App disconnects during drill execution**

This issue may arise if you move too far from the Sportbot with your smartphone. Moving out of range will automatically stop the machine for safety reasons. The strength of the connection varies based on your smartphone type and your distance from the machine. To resolve this, please move closer to the Sportbot and reconnect your app.

Mobile application setup video

The Sportbot mobile application controls the machine and lets you adjust settings and create drills for tennis and padel. Download Sportbot from the App Store for iOS or Google Play for Android. For download links and guidance, visit the Sportbot app page.

8 Watch connectivity

Use Apple Watch or a compatible Garmin watch to control a drill selected in the Sportbot mobile app for tennis or padel. The watch communicates with your phone; the phone maintains the connection to Sportbot. Connect your phone to the machine as described in chapter 7 before using watch controls.



Apple Watch



Garmin watch

IMPORTANT **Keep the phone app active**

Keep Sportbot open on your phone while using the watch, and keep both devices nearby. Keep the phone app visible and its screen awake until any start countdown has finished.

8.1 Connect Apple Watch

- Pair Apple Watch with your iPhone using Apple's Watch app.
- Install Sportbot on your iPhone. In the iPhone's Watch app, open **My Watch → Apps** and install Sportbot from **Available Apps** if it is not already installed.
- Open Sportbot on both devices. In the phone app, open **User → General → Apple watch**. Check that the watch is **Paired**, the Sportbot app is **Installed**, and Connection is **Available**.
- Select a drill in the phone app. The watch displays the controls available for that drill stage.

8.2 Connect a Garmin watch

Garmin uses Garmin Connect to communicate with the phone. Use a compatible watch with the Sportbot watch app installed; contact Sportbot support for current installation and setup guidance.

- Pair the watch with your phone in Garmin Connect.
- Follow the Sportbot installation and setup guidance supplied for your watch, then open Sportbot on both devices.
- In the phone app, open **User → General → Garmin watch** to check its connection status. If it is not **Available**, contact Sportbot support for setup assistance before using watch controls.
- Once connected, select a drill in the phone app. The watch displays the controls available for that drill stage.

8.3 Control a drill

- **Before the drill:** adjust the start delay and tap **Start Drill** when the control is available.
- **While playing:** tap **Pause** or **Stop**.
- **While paused:** tap **Resume** or **Stop**.
- **After completion:** tap **Restart** or **Take a break**.

Check the updated watch or phone status before assuming an action has taken effect. If controls are unavailable or the status does not update, return to the phone and check both connections before continuing.

8.4 If the watch does not connect

Keep the watch and phone nearby and reopen Sportbot on both devices. Check that the watch is paired with the phone and that the Sportbot watch app is installed. For Apple Watch, you can also check **Settings → Mobile app** on the watch. If no drill controls appear, select a drill on the phone first. If the phone is disconnected from Sportbot, reconnect as described in chapter 7. For unresolved watch setup or connection problems, contact info@sportbot.tech.

9 Ball consistency

9.1 Choosing compatible balls

Use standard balls appropriate for your sport and Sportbot model. For tennis, regular pressurized or pressureless tennis balls are suitable; pressureless tennis balls are recommended for consistent shots and durability. For padel, use standard padel balls. Do not mix tennis and padel balls or balls of different types in one batch. Ball condition, size and softness affect launch consistency.

9.2 Mixed ball conditions

Combining new and worn balls can result in uneven launches due to variations in their size and bounce characteristics. This inconsistency can also be exacerbated by accumulated dirt and ink on the launching wheels.

9.3 Ball size variability

Ball sizes can vary within a batch. Slight variations can occur, leading to potential disruptions in the launch mechanism. Oversized balls may slow down in the launch channel, which can cause them to be ejected simultaneously with another ball, resulting in double launches and erratic ball trajectories.

9.4 Storage and handling

Store tennis and padel balls indoors in a dry, temperature-controlled place. Avoid leaving them in very cold or damp environments, including unheated storage areas or air domes in winter. Check their condition before each session.

WARNING **Cold balls can damage launcher wheels**

Tennis and padel balls stored in very cold conditions can become hard and cause substantial wear or damage to the launcher wheels. Do not load cold, hardened balls. Allow them to reach room temperature and ensure they are dry before use.

WARNING **Inconsistent launches or poor stirring**

If you notice that the balls are not being launched consistently across the net or that they are not being stirred efficiently in the machine, please check the battery level and the condition of the balls. We recommend consulting with us before using a new batch of balls or if you experience issues with ball launching, to ensure compatibility and optimal performance of your Sportbot machine.

10 Launcher wheels

10.1 About the launcher wheels

Sportbot uses specialized launcher wheels to launch tennis and padel balls with precision and consistency. Cold, hardened balls can substantially damage the launcher wheels. Let stored balls reach room temperature and dry fully before use; see chapter 9.

10.2 Safety precautions

It's of utmost importance to ensure safety when the machine is operating. Always keep hands and other objects away from the launcher wheels when they are in motion. Accidental contact can lead to injury.

10.3 Calibration

The launcher wheels are calibrated internally to maintain the consistency of ball throws. Users don't need to adjust or calibrate them manually.

10.4 Maintenance and care

Keep the launcher contact surfaces clean; dust, dirt and ball residue reduce grip. Follow chapter 12, Cleaning and storage, for cleaning guidance. Launcher wheels are wear parts; replace the top and bottom wheels together. Normal wear may not be covered by warranty beyond verified initial defects. In cold conditions, first check that balls are warm and dry. Light sanding of the launcher contact surfaces may temporarily restore grip; sand lightly and only when needed. Before cleaning or sanding, switch off Sportbot, remove the battery and wait for all moving parts to stop.

10.5 Replacement and repairs

If you notice any significant wear or issues with the launcher wheels, do not attempt repairs or replacements without guidance from Sportbot. Instead, contact the Sportbot team via email info@sportbot.tech for guidance on repairs or replacements. Sportbot will confirm whether a supported replacement can be installed by you or requires service by our team.

10.6 Operational noise

It's normal for the launcher wheels to produce some noise during operation. However, if you observe excessive or unusual sounds, it could indicate a potential issue that requires attention.

10.7 Potential errors

SYMPTOM	CHECK	ACTION
Launcher wheels not spinning	Obstructions or a temporary drive fault.	Switch off the machine, remove the battery and wait for all moving parts to stop before checking for obstructions. Refit the battery and restart after the check. If the issue persists, contact the Sportbot support team.
Angle not adjusting	The launch-angle mechanism may be obstructed.	Switch off the machine, remove the battery and wait for all moving parts to stop before removing an obstruction. Refit the battery and restart after the check. If the problem continues, seek assistance from the Sportbot team.
Balls jammed inside feeder	An unsuitable ball or significantly worn launcher wheels.	Switch off the machine, remove the battery and wait for all moving parts to stop. For a ball trapped in the launcher channel, follow the front-access illustrated steps in chapter 14. For a feeder obstruction or repeated jams, contact support.
Balls land only a few feet away	The battery may be discharged.	Check the battery level and recharge if needed.

11 Drive wheels

11.1 About the drive wheels

Sportbot uses Mecanum wheels to navigate seamlessly across the tennis or padel court. These wheels allow the machine to move in any direction, thanks to their unique design with small rollers. Understanding their operation and care is crucial for the machine's longevity and your safety.

11.2 Safety precautions

- **Movement:** Always be cautious when the machine is in motion. Ensure the court is clear of any obstructions and always stay alert to the machine's movements. The Mecanum wheels are designed for precise movement, but unexpected obstacles can lead to sudden changes in direction.
- **Standing zone:** Never stand directly behind or too close to the machine while it's operational, especially when it starts or changes its movement direction.

11.3 Maintenance and care

- **Inspection:** Periodically inspect the wheels for wear or damage. Due to the unique design of the Mecanum wheels with small rollers, they can accumulate debris or face wear over time.
- **Cleaning:** Regularly clean the wheels to remove any dirt, gravel, or debris, which might affect their movement or cause unnecessary wear. Always follow the recommended cleaning procedure in chapter 12, Cleaning and storage.

11.4 Replacement and repairs

If you observe any substantial wear, damage, or any issues with the Mecanum wheels, do not attempt repairs or replacements without guidance from Sportbot. Instead, reach out to the Sportbot team for guidance. Sportbot will confirm whether a supported replacement can be installed by you or requires service by our team.

11.5 Operational noise

It's natural for the Mecanum wheels to produce some noise during their operation, given their unique design with small rollers. However, should you notice any excessive or unfamiliar sounds, it could signify a potential problem.

11.6 Potential errors

SYMPTOM	CHECK	ACTION
Motor failures	The machine does not move as expected or struggles with directional changes.	Power off the Sportbot and contact the support team.
Wheel wear	Uneven wear or movement issues after extensive use.	Address the wear promptly to avoid further complications.
Machine rotates unexpectedly	Electromagnetic interference from the surrounding environment.	Turn off the machine, reposition it facing the net, and turn it back on.
Machine does not move or rotate	Electronics malfunction or use on very soft clay where the machine becomes embedded.	On clay courts, avoid soft or wet areas and use firm, compacted clay. If movement problems persist on a suitable surface, stop using Sportbot and contact support.

12 Cleaning and storage

12.1 Cleaning guidelines for Sportbot

Your Sportbot will naturally gather ball fuzz and debris from the environment with frequent usage. It's recommended to clean it after every 10,000 shots to maintain its efficiency. To clean the Sportbot, please contact us at info@sportbot.tech for detailed instructions.

12.2 Routine cleaning

- Before cleaning, switch off Sportbot, remove the battery and wait for all moving parts to stop.
- Use pressurized air to clear ball fuzz and court dust. Gently wipe the outer surfaces with a lightly damp cloth.
- Do not use sharp instruments or abrasive materials on the housing. The launcher-wheel sanding guidance in chapter 10 applies only to the launcher contact surfaces.
- If there is loose debris inside, contact Sportbot for cleaning guidance before accessing internal components.
- Never use a water hose to clean the machine's interior. Water can damage electrical components, creates an electric shock hazard and will void the warranty.

12.3 Storage guidelines for optimum performance

- **Environment:** Always store the Sportbot in a clean, dry environment when not in use. Prolonged exposure to elements such as rain, wind, or excessive sunlight can impact the machine's electrical components and potentially cause damage to its exterior.
- **Battery care:** If the battery has been left unutilized for an extended period, ensure it's recharged at least to a 30% level every 30 days. This helps in prolonging the battery life and maintaining its efficiency.
- **Temperature:** For optimal storage, it's advised to keep the Sportbot in areas with temperatures ranging from 18°C to 28°C. Also, always keep it away from areas with prolonged direct sunlight to prevent any potential heat damage.
- Store the machine indoors in a clean, dry place. Avoid storage in temperatures above 45°C or below −5°C. Prolonged exposure to cold, heat, or moisture can affect sensor behavior, reduce launcher wheel grip, and shorten component life.

13 Troubleshooting

13.1 Finding the cause

For launcher and feeder faults, use the symptom table in chapter 10. For movement and drive-wheel faults, use the table in chapter 11. For a ball trapped in the launcher channel, follow chapter 14. If a fault persists, stop using Sportbot and contact support.

13.2 Cold-weather operation

If the environment is very cold, allow the machine to warm up by running it for 1 to 3 minutes without any balls before training. If launch performance drops in cold conditions, first make sure the balls are warm and dry. If needed, light sanding of the launcher wheel surface can be used as a temporary troubleshooting measure to restore grip. Storage in very cold conditions may also cause temporary IR sensor faults until the machine returns to a suitable temperature.

IMPORTANT **Before inspecting or clearing a fault**

Switch off Sportbot, remove the battery and wait for all moving parts to stop before touching the feeder, launcher or drive wheels. Refit the battery only when the inspection or adjustment is complete.

14 Removing a jammed ball

If a ball becomes trapped in the launcher channel, use the front opening to release it as shown below. If it cannot be removed gently, stop and contact Sportbot support.

WARNING **Disconnect power before reaching inside**

Switch off Sportbot, remove the battery and wait until all moving parts have stopped. Never put your hands in the launcher while it is powered. The illustrations use a transparent cutaway to show the mechanism; do not remove the housing.

14.1 Releasing the trapped ball

1 Lift the left flap



Use your left hand
Through the front opening, lift the left-side flap with your left hand.

2 Push the ball to the left



Push gently
Use your right hand to gently push the trapped ball left.

Be ready to catch it
Keep your left hand below the ball.

3 Remove the released ball



Catch and remove
Catch the released ball with your left hand and remove it through the front opening.

4 Close the flap



Return the flap
Return the flap to its closed position.

Check the opening
Check that the channel is clear and withdraw both hands before refitting the battery.

IMPORTANT **Before restarting**

Check the ball condition and the feeder setup before starting again. Repeated jams require support guidance. Do not force a ball through the wheels or attempt repairs while clearing a jam.

15 Customer service and support

15.1 Warranty coverage

Sportbot guarantees that every newly purchased Sportbot ball machine will remain free from material or craftsmanship defects for a period of 1 year from the purchase date. Any batteries procured directly from Sportbot come with a 6-month warranty from their purchase date. Within the 1-year warranty frame, if any part of the ball machine exhibits defects in material or craftsmanship, Sportbot will either repair or replace it with a new or functionally sound component, at our discretion. This warranty is exclusively available to the original Sportbot machine purchaser.

For straightforward warranty repairs, such as a part replacement, we will dispatch the new component and offer technical support for its installation, eliminating the need to return the entire machine. Our team is available for phone and email assistance via info@sportbot.tech to guide you through the replacement process. Importantly, any machine repairs carried out based on our guidance will not invalidate the warranty. However, if you prefer our team to handle the installation or if the issue is more complex, the shipping costs for sending the machine to us will be borne by you. We will bear the repair costs and the return shipping charges.

15.2 The warranty does not cover

- Damages from misuse, neglect, modifications, mishaps, tampering, maltreatment, fires, wars, revolts, natural calamities, or other unforeseen events.
- Failure on the part of the customer to adhere to the operation instructions provided by Sportbot upon delivery.
- Issues arising from usage on circuits or voltages other than those specified in the user manual.

16 Declaration of conformity

Directive on low voltage electrical equipment LVD 2014/35/EU

Since we do not develop the power supply ourselves, but purchase an existing one with attached certificates, we do not need to comply with the mentioned directive on our own. The machine is powered by 18 VDC power, which is below the directive's limit.

Electromagnetic compatibility regulation EMC 2014/30/EU

This regulation must be considered, and we affirm that the Sportbot ball machine, as of 28th August 2023, is in compliance with this regulation.

Radio equipment directive RED 2014/53/EU

Since we transmit data wirelessly, we must comply with the radio equipment directive. The machine communicates with the mobile app via Bluetooth Low Energy (BLE).

Machinery directive 2006/42/EC: EN 60204-1:2006 + A1:2009 + AC:2010, EN ISO 12100:2010

This regulation must be considered, and we affirm that the Sportbot ball machine, as of 28th August 2023, is in compliance with this regulation.

Sportbot d.o.o.
Usnjarska cesta 14, 1240 Kamnik
Email: info@sportbot.tech
Telephone: +386 41 996 357