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Fablestoryem S6-PRO

Fablestoryem S6-PRO Table Tennis Robot Instruction Manual

Model: S6-PRO

1. INTRODUCTION

This manual provides detailed instructions for the assembly, operation, and maintenance of your Fablestoryem S6-PRO Table Tennis Robot. Please read this manual thoroughly before using the product to ensure proper function and safety.



Image 1.1: The Fablestoryem S6-PRO Table Tennis Robot, showing the main unit, ball collection net, remote control, and a table tennis table setup.

2. SAFETY INSTRUCTIONS

- Ensure the power supply voltage matches the product's requirements (100-240V).
- Keep hands and loose clothing away from moving parts, especially the serving wheels, during operation.
- Do not insert foreign objects into the ball launcher or serving mechanism.
- Use only standard table tennis balls. It is strictly forbidden to mix broken or deformed balls into the machine to prevent damage.
- Clean new balls before use, as they may have powder that can affect performance.
- Place the robot on a stable surface, securely clamped to the table.
- Supervise children during use.
- Unplug the power cord when not in use or before cleaning and maintenance.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- Ping pong robot x 1
- Ball net x 1
- Ping-pong balls x 100
- Control box x 1
- Power supply x 1
- Ball ruler x 1
- Serving wheel x 2 (spare)
- Control box fixings x 1
- Net post x 2
- User Manual x 1



Standard Configuration



Power supply



Instruction manual



Ball measuring ruler



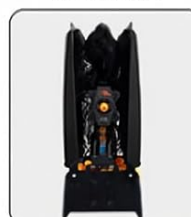
Net post



Control box fixings



Control box



Host + ball collecting net



Spare serving wheel

Image 3.1: All components included in the standard package, such as the robot unit, power supply, control box, net posts, and spare serving wheels.

4. PRODUCT OVERVIEW AND FEATURES

The Fablestoryem S6-PRO is an advanced table tennis robot designed for training and practice. It features a clip-on desk design for easy installation and a ball recycling net system.

Key Features:

- **Two-Wheel Drive System:** Allows separate adjustment of speed and rotation for varied ball effects.
- **Adjustable Arc:** 7 kinds of adjustment angles to change the firing arc.
- **Versatile Spin Control:** Capable of serving topspin, backspin, no-spin, left-spin, right-spin, and mixed-spin balls (9 types).
- **Adjustable Frequency and Speed:** Output frequency of 30-90 balls/minute and ball speed of 4-40m/s (8.9-76 mph).
- **Landing Point Control:** Fixed point serving or global change of landing point (oscillation).
- **Ball Recycling Net:** Integrated net system collects balls, accommodating up to 300 balls, for continuous practice.
- **Easy Maintenance:** Fairway design allows for easy removal and cleaning of dust and foreign objects.
- **Support for 40+ Balls:** Compatible with standard 40mm and 40+ table tennis balls.



Image 4.1: Illustration of key upgrades and features, including enlarged serving wheel, automatic ball unloading, adjustable frequency/speed, motor upgrade, and 40+ ball support.

CAN SERVE 9 KINDS OF UP, DOWN, LEFT AND RIGHT SPIN BALLS, AS WELL AS VARIOUS SIDE SPIN MIXED BALLS.



Image 4.2: Visual representation of the 9 types of spin balls (topspin, backspin, left/right spin, hook, etc.) and various serve angles (lob, receiving, service).

5. SETUP AND INSTALLATION

Follow these steps to set up your S6-PRO Table Tennis Robot:

- Step 1: Unpack the Machine.** Remove the robot from its packaging and place it on the table tennis table.
- Step 2: Expand the Net.** Expand the ball collection net and its recovery slots.
- Step 3: Install Support Rods.** Remove the support rods on both sides of the net and install them into their designated slots.
- Step 4: Prop Up the Net.** Securely prop up the net structure.
- Step 5: Secure the Machine.** Place the robot in the middle area close to the edge of the table or anywhere on the table area. Align it with the locating slot, insert the ball container, and ensure all four sides are locked properly. Secure the machine to the edge of the table using the provided clamps.
- Step 6: Install Side Net Brackets.** Install the brackets for the side net and secure the side net.

7. **Step 7: Install Control Panel.** Install the control panel on either the left or right side of the table, as preferred, using the control box fixings.
8. **Step 8: Connect Power.** Connect the power supply to the robot and plug it into an appropriate electrical outlet.

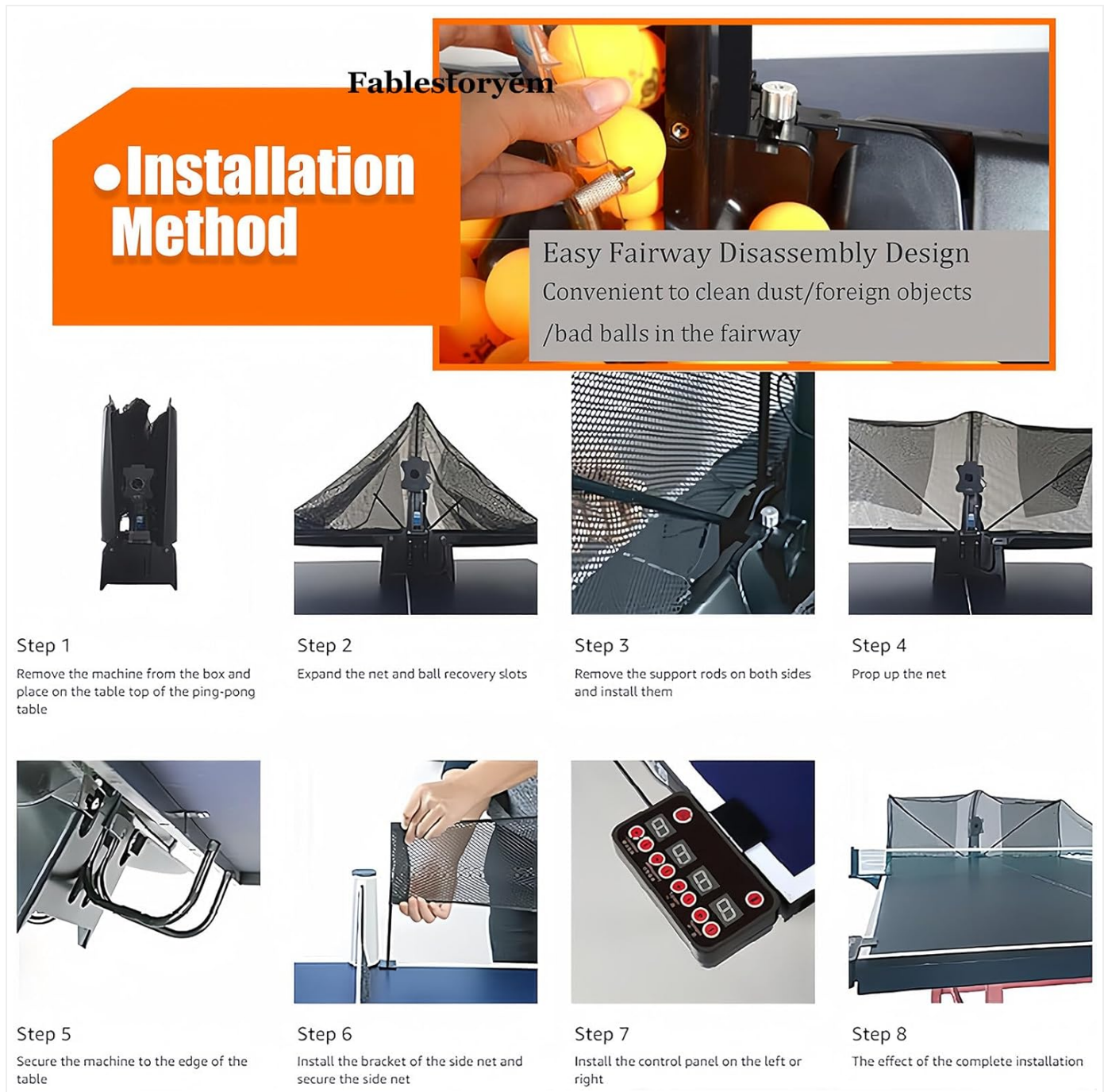


Image 5.1: Visual guide illustrating the 8 steps for installing the robot, net, and control panel on a table tennis table.

Initial Ball Preparation:

The new ping-pong balls included may have a fine powder coating. It is recommended to clean and dry these balls before first use to ensure optimal performance and prevent dust accumulation inside the machine.

6. OPERATING INSTRUCTIONS

The S6-PRO robot is controlled via a wired control box. Familiarize yourself with the control panel functions:

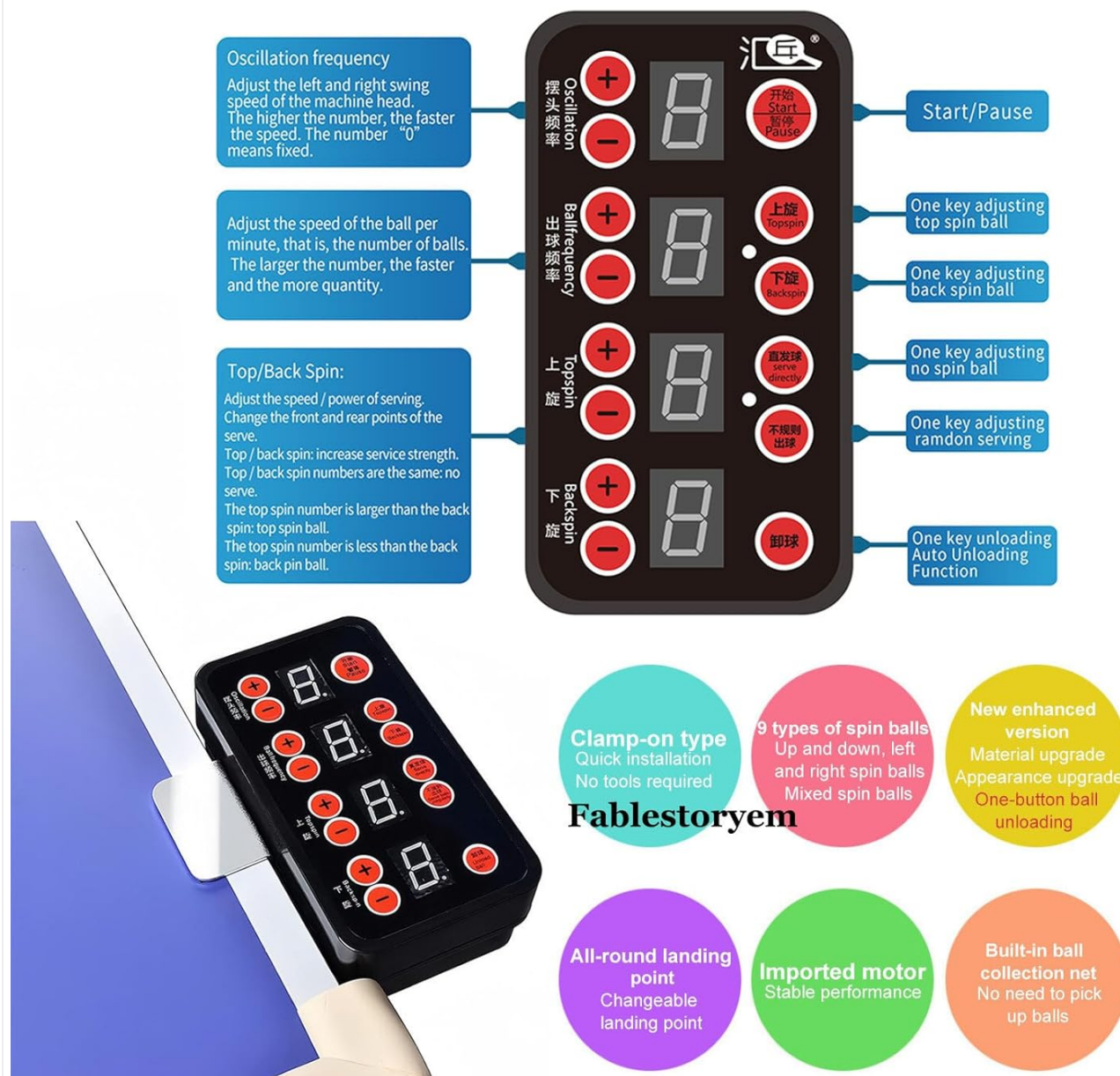


Image 6.1: Detailed view of the control panel, showing buttons for oscillation, frequency, topspin, backspin, and one-key functions for various spins and ball unloading.

Control Panel Functions:

- **Start/Pause Button:** Initiates or pauses ball serving.
- **Oscillation Frequency:** Adjusts the left and right swing speed of the machine head. Higher numbers indicate faster oscillation. "0" means fixed point serving.
- **Ball Frequency:** Adjusts the number of balls served per minute. Higher numbers mean more frequent serves.
- **Top/Back Spin:** Adjusts the speed and power of serving, changing the front and rear points of the serve wheels.
 - **Topspin:** Increases topspin strength.
 - **Backspin:** Increases backspin strength.
 - If the topspin number is greater than the backspin number, it's a topspin ball.
 - If the topspin number is less than the backspin number, it's a backspin ball.
 - If both numbers are the same, it's a no-spin serve.

- **One-Key Adjusting Top Spin Ball:** Pre-sets for topspin.
- **One-Key Adjusting Back Spin Ball:** Pre-sets for backspin.
- **One-Key Adjusting No Spin Ball:** Pre-sets for no-spin.
- **One-Key Random Serving:** Activates random ball serving patterns.
- **One-Key Unloading / Auto Unloading Function:** Empties balls from the machine.

Adjusting Ball Trajectories and Spin:

The robot can produce various ball movements and spins. Adjust the pitch angle to change the firing arc. The two-wheel drive allows for separate speed and rotation adjustments to create different spin types.



Image 6.2: Examples of ball trajectories including topspin, backspin, left spin, right spin, high throw, and double bounce.

To adjust the angle, release the copper knob on the side of the robot before making adjustments.

7. MAINTENANCE

- **Cleaning the Fairway:** The robot features an easy-to-remove fairway design. Regularly remove the fairway to clean any accumulated dust or foreign objects that may affect ball feeding.
- **Ball Condition:** Ensure only clean, undamaged table tennis balls are used. Avoid mixing broken or deformed balls into the machine.
- **Storage:** When not in use, unplug the robot and store it in a dry, clean environment.

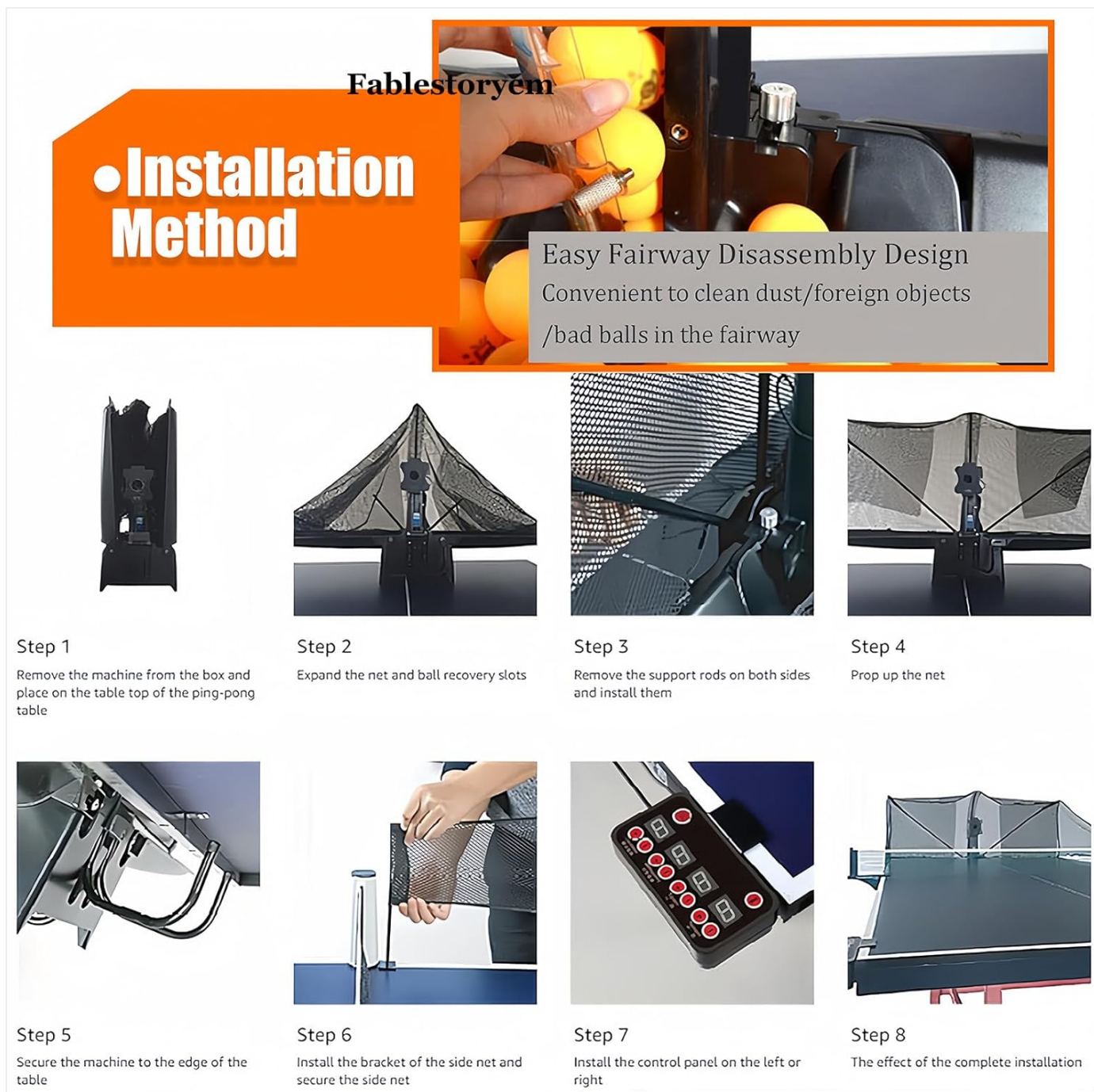


Image 7.1: Illustration of the easy fairway disassembly design, facilitating cleaning of dust and foreign objects.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Balls not launching or launching inconsistently.	<ul style="list-style-type: none"> Fairway blocked by dust or foreign objects. Damaged or deformed balls in the machine. Serving wheels are dirty or worn. 	<ul style="list-style-type: none"> Clean the fairway as described in the Maintenance section. Remove all balls and replace any damaged ones. Clean serving wheels. Replace if excessively worn (use spare wheels).
Robot not powering on.	<ul style="list-style-type: none"> Power cord not properly connected. No power from the outlet. 	<ul style="list-style-type: none"> Check all power connections. Test the outlet with another device.
Inconsistent spin or ball trajectory.	<ul style="list-style-type: none"> Incorrect spin settings on the control panel. Balls are dirty or have powder residue. 	<ul style="list-style-type: none"> Refer to the Operating Instructions to adjust spin settings. Clean and dry balls before use.

9. SPECIFICATIONS

Parameter	Value
Type	Table tennis robot (Clamp table machine)
Color	Black
Power	50W
Frequency	50/60 Hz
Ball Speed	4-40 m/s (approx. 8.9-76 mph)
Voltage	100-240V
Net Weight	6.5 kg (approx. 14.3 lbs)
Package Size	88 x 40 x 41 cm (approx. 34.65 x 15.75 x 16.14 inches)
Supported Ball Type	40+ (compatible with 40mm and 40+ balls)
Arc Adjustment	7 kinds of adjustment angles
Spin Types	Up and down spin, left and right spin, no spin, side spin (9 types total)
One-Click Ball Release	Yes
Output Frequency	30-90 balls/min
Change Point	Fixed point / Global change of landing point (oscillation)
Ball Capacity	≥300 balls
Serve Wheel	2 (long and short ball)
Jump Ball Switch	Any jump ball, two hop ball switch

Parameter	Value
Item Weight (Product)	22 pounds (approx. 9.98 kg)









Image 9.1: Dimensional overview of the robot and the expanded ball collection net.

10. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase documentation or contact Fablestoryem customer service. Keep your purchase receipt as proof of purchase.



Related Documents - S6-PRO

	<p>HUI PANG JT-A/S6-PRO Table Tennis Robot User Manual and Guide</p> <p>Comprehensive user manual for the HUI PANG JT-A/S6-PRO table tennis robot, covering technical specifications, installation, functions, fault handling, and accessory replacement.</p>
	<p>HUI PANG H600 Table Tennis Robot User Manual and Troubleshooting Guide</p> <p>Comprehensive user manual for the HUI PANG H600 Table Tennis Robot, covering technical specifications, installation, functional instructions, remote control operation, troubleshooting, and spare parts replacement for optimal performance.</p>
	<p>JOOLA DUOMAT PRO Table Tennis Table Assembly Instructions</p> <p>Comprehensive assembly guide for the JOOLA DUOMAT PRO table tennis table (Models 11511 & 11512), detailing each step with part references and safety tips.</p>
	<p>JOOLA ROLLOMAT PRO Table Tennis Table Assembly Instructions</p> <p>Comprehensive assembly instructions for the JOOLA ROLLOMAT PRO table tennis table, covering all steps from unpacking to final setup. Includes safety advice and part identification.</p>
	<p>JOOLA 2000-S PRO Table Tennis Table Assembly Instructions</p> <p>Comprehensive assembly instructions and safety guidelines for the JOOLA 2000-S PRO table tennis table (Model 11502). Includes parts list, step-by-step assembly procedures, and important usage warnings for safe operation.</p>
	<p>PONGBOT NOVA S PRO User Manual: Your Guide to Table Tennis Training</p> <p>This user manual provides comprehensive instructions for setting up, operating, and troubleshooting the PONGBOT NOVA S PRO table tennis robot. Learn about its features, app integration, and custom training options for enhanced table tennis practice.</p>