

Limited Warranty

Master Sports warrants its products to be free from defect in materials and workmanship for a period of one year from date of original purchase except for the battery, which is warranted for six months. Master Sports will repair or replace defective products at its discretion, without charge. Evidence showing the date of purchase and serial number must be submitted at the time the warranty claim is made. This warranty is void if the serial number has been altered or removed and shall not apply to damage caused by misuse, unauthorized repairs or alterations.

If any defect should occur, contact Master Sports at 1-800-837-1002, ext. 3307 and request Technical Assistance. Please have your serial number available. It can be found on the bottom of the machine. If we are unable to resolve the problem by telephone, return the unit in its original carton and packing, freight prepaid. Master Sports will pay the freight to return the repaired merchandise to the customer. No C.O.D. shipments will be accepted.

This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

THE FOREGOING WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES OF QUALITY AND PERFORMANCE, WHETHER WRITTEN, ORAL, OR IMPLIED. IN NO EVENT SHALL MASTER SPORTS BE LIABLE FOR SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE. Some states do not allow limitations on how long an implied warranty lasts and/or the exclusion or limitation of incidental or consequential damages, so the above limitation and exclusion may not apply to you. Returns: For a full refund less shipping costs, an R.A. number must be requested within five business days after the customer's receipt of the machine as indicated by the package tracking information, and the returned product must be received by Master Sports within seven business days after the R.A. number is issued. Please call 1-260-471-0001 to obtain the required R.A. number. Restocking fees apply to all returns received by Master Sports after the initial grace period outlined above. Restocking fees also apply for product that is returned in less than new condition and for product not returned in the original packing. This offer applies only to machines purchased directly from Master Sports. Please see your dealer or sales representative for all applicable return information. Returns after 30 days of receipt are prohibited.

SAM[®]

P-4 Tennis Ball Machine



Owner's Manual

To Our Customers

Thank you for purchasing a Master Sports ball machine. Please read this owner's manual in its entirety before operating your machine.

Save The Original Box & Packaging

The original box should always be used if it is necessary to ship the machine back to the manufacturer. Master Sports is not liable for damage caused by improper packaging on return shipments. New box fees will apply to all machines returned with non-original boxes and/or packaging.

Storage

Store the machine in a clean, dry location. Never store the machine in a closed trunk where temperatures can reach 180 degrees. Extreme temperatures and conditions can affect the machine's electronic board and battery. Never store the machine outside. Exposure to rain and snow will shorten the life of the machine.

Intended Use

The SAM® ball machine is to be used in a dedicated tennis facility. The tennis player must stand on the opposite side of the tennis net at a minimum of 35 feet. The tennis ball machine is designed to throw tennis balls only.

Transporting

A pull-out handle is provided to transport the machine. Be aware of steps and rough surfaces that could bend or damage the underside of the machine. The machine weighs approximately 49 lbs. and can be lifted into a vehicle by one or two people.

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Periodic Internal Cleaning

The frequency of cleaning will depend on the use of the machine. For casual use (once a week or less) the cleaning procedure should be performed once a year. For extensive use (more than twice a week) the cleaning procedure should be performed every three to six months.

Internal Cleaning Procedure

Step 1: Remove the four screws, two on each side of the housing. Carefully lift and tip housing towards control panel side of machine.
Step 2: Brush or vacuum off ball felt and any other foreign materials that have accumulated in the unit's interior.
Step 3: Reattach housing.
Caution: Do not attempt to clean the delivery wheels.

Troubleshooting Guide

The machine is only shooting to the right or left of the court when the oscillation is turned on.

The oscillation base must be aligned with the base of the machine. See alignment instructions on page 4.

The batteries are fully charged but the machine will not turn on.

The battery charger must be removed from the charger receptacle for the machine to turn on.

The reset button trips when I turn the machine on.

Check for tennis balls on the ball tray behind the delivery wheels. Remove any balls present, depress reset button and turn machine on again.

The depth and/or speed of the thrown balls seems inconsistent.

A mixture of old and new balls is being used. The consistency of ball throws is dependent on the likeness of the tennis balls being used.

Operation, Continued

TWO LINE DRILL: The machine moves from side-to-side in a pre-programmed setting, delivering balls to two specific points on the court. This allows for two lines of students hitting balls. The two positions can be adjusted by changing the width of the sweep. There is a six-second delay between shots to allow for coaching feedback. This feature will only work at ball speeds above setting #5.

WIDE & NARROW ADJUSTMENT: The wide and narrow switch controls the width of the sweep. To adjust, depress and hold until desired width is reached.

STATUS INDICATOR: The low battery light will illuminate when the battery is in need of charging.

RESET: The reset switch protects the electronics and motors. When activated, this switch pops out approximately 1/4 of an inch. In the event the reset is activated, turn off the main power, depress the reset switch, turn on the main power, and resume operation. If the switch is activated shortly thereafter, check for balls jammed inside machine.

REMOTE: The ten-function remote controls the sweep, elevation, speed, feed, spin, and pause. Pause will stop all motors. When pause is pressed a second time, the machine will restart at the same point at which it was paused. The most efficient way to use the remote is to adjust the settings on the control panel as desired and then use the remote to make minor adjustments. Once the remote is used, the changed setting is held in memory until manually reset on the control panel.

Battery Charging Instructions

- Connect the battery charger to a live electrical outlet.
- Insert battery charger into the receptacle labeled "charger" beneath the control panel.
- Do not attempt to insert the charger into the AC converter receptacle. Do not attempt to insert the optional AC converter into the charging receptacle.

General Overview of SAM®

Portable Tennis Ball Machine

The SAM® ball machine, manufactured by Master Sports, is a portable, compact, self-contained unit designed to be easily handled, transported, and stored. The exterior is corrosion resistant and virtually indestructible.

Testing Procedures:

To ensure customer satisfaction, every SAM® ball machine is tested as follows:

- Battery is checked and tested to ensure superior quality.
- Approximately 200 balls are fed through the machine.
- Machine is cleaned and boxed.

NOTE: There may be some residual ball fuzz in your machine and wear marks on the pitching wheels as a result of testing.



Important Safety Information

The SAM® ball machine is specifically designed to throw tennis balls at a high rate of speed. To avoid any bodily harm, please observe the following precautions at all times:

WARNING: Do not reach or look into the ball exit hole without first turning the main power off and only after all wheels come to a complete stop.

WARNING: Never stand closer than 35 feet in front of the ball machine when the power is on. Balls exit at various angles, 0-45 degrees vertical, and from 14 degrees left to 14 degrees right.

WARNING: Do not place hands or foreign objects into the ball hopper while the power is on.

WARNING: Use only standard size (NOT rally) tennis balls with this unit.

WARNING: Use caution with small children in the area.

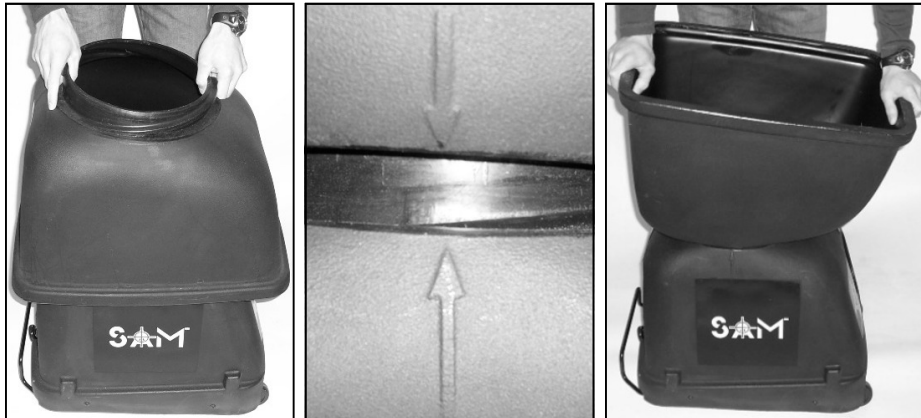
WARNING: Do not use this machine while it is raining or in water. Do not use wet tennis balls.

Important Instructions Before First Use

Ball Hopper Preparation:

The ball hopper slides over the machine for compact storage.

Follow these steps to prepare your SAM® for use:

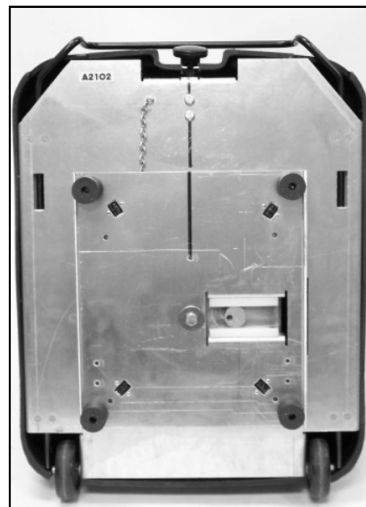


1. Lift hopper from machine base.
2. Turn hopper over to engage threads. Align arrow on hopper with arrow on base.
3. Turn hopper 90° to lock in place (clockwise).

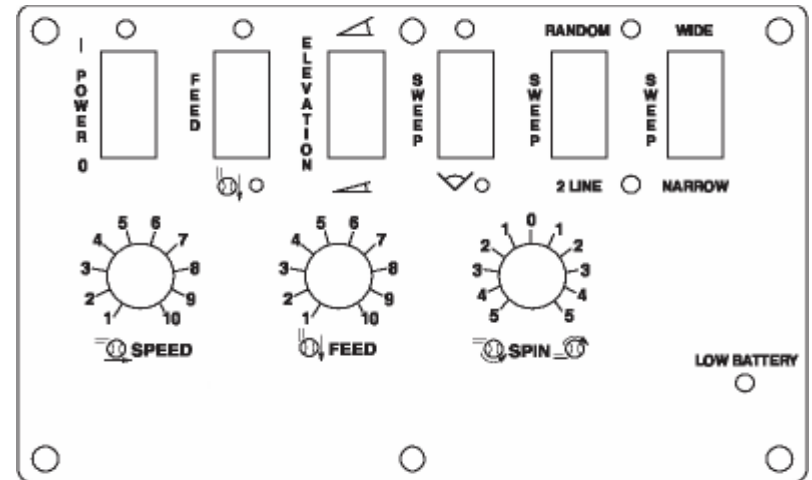
Alignment:

To align machine for maximum oscillation range:

- Lift handle and look on underside of machine.
- Turn sweep (oscillation) on until dark lines are aligned.
- Place the machine at the center mark on the baseline.



Operation



POWER: The power switch turns on the unit and enables the other functions.

SPEED: The speed control knob regulates the ball velocity from 10 to 70 m.p.h.

FEED: The feed switch turns on the rotor that dispenses balls to the drive wheels. Note: The feed will start 10 seconds after the switch is turned on.

FEED ADJUSTMENT: The feed control knob regulates the time between balls from two to seven seconds.

ELEVATION: The elevation switch adjusts the height of the ball delivery from a ground stroke to a high volley. To adjust, depress switch and hold until desired height is reached.

SPIN: The spin control knob adds topspin (clockwise adjustment) or backspin (counterclockwise adjustment) to the ball.

SWEEP: The sweep switch turns the unit's oscillation on and off. Ball delivery will be random, depending on how fast the feed is set.

BATTERY CHARGER & AC CONVERTER RECEPTACLE: Do not attempt to insert the charger into the AC converter receptacle. Do not attempt to insert an AC converter into the charging receptacle.