



Blue Flame Ultimate Pitching Machine

Item LG0111



USE

The Ultimate Pitching Machine UPM45 can be used for many different drills.

BASEBALL/FAST PITCH SOFTBALL PITCHES

The Ultimate Pitching Machine UPM45 can be adjusted to throw pitches simulating baseball and fast pitch softball pitches. Because of the accuracy and consistency of the machine, you can either take regular batting practice, specify one particular pitch to work on (example: work on the low and outside pitch), or take bunting practice.

CATCHER'S DRILLS

The UPM45 can be adjusted to simulate a pitch in the dirt. This feature is great for training catchers how to block the plate on errant pitches.

POP FLY

Adjust the UPM45 to throw pop flies.

LINE DRIVES

Adjust the UPM45 to throw line drives.

COACH'S PITCH

Because the UPM45 is so accurate and throws any kind of ball at a wide variety of speeds it is ideal for building confidence and safety in Coach's Pitch leagues. Each child will be given the perfect pitch to swing at each and every time.

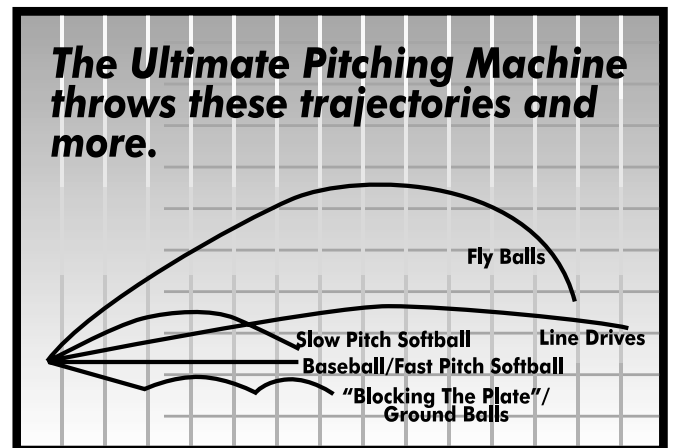
SLOW PITCH SOFTBALL

The UPM45 can be adjusted in height and speed to perfectly simulate a slow pitch softball pitch.

USE IN YOUR EXISTING DRILLS

There are many ways to use the UPM45 to help turn the players of today into the pros of tomorrow. Always remember to use caution and be safe when using the UPM45.

TO AVOID ACCIDENTAL INJURY ALWAYS DISCONNECT THE POWER SPRING FROM POWER LEVER AFTER USE.



MAINTENANCE

The Ultimate Pitching Machine UPM45 has been designed to be almost maintenance free. As with all equipment it is necessary to take care of your UPM45 by storing it indoors and only subjecting it to normal use. The UPM45 is designed to only throw balls. Keep all other objects away from the Throwing Arm.



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Congratulations on your purchase of the Ultimate Pitching Machine UPM45. When used correctly this machine will become a valuable piece of equipment that will prove to be very beneficial to your training.

ASSEMBLY OVERVIEW

Please make sure you have assembled your Ultimate Pitching Machine UPM45 correctly. The assembly instructions are included on a separate page within this package. Please make sure to the UPM45 is assembled by an adult, and used only under close adult supervision. Make sure the batter is always wearing an approved batting helmet. To avoid injury make sure the flight path of the ball and the area around the machine are clear of all personnel and equipment. Do not use the UPM45 if any pieces are loose or missing. Never use the UPM45 outside if there is a risk of lightning. Please call (800) 646-4225 for any replacement parts or questions concerning the assembly and operation of your Ultimate Pitching Machine.

BEFORE YOU START: The Ultimate Pitching Machine UPM45 is designed to throw balls consistently and accurately. Due to the properties of the machine each style of ball will need to be adjusted for before use. Start by pitching a ball at the plate without anybody standing closer than 50 feet to the home plate, or within 50 feet of the path that the ball will be on. Once you have the machine adjusted correctly it is necessary to make sure you pitch the same type and style of ball. Any fluctuations in ball size or weight will make the UPM45 throw a ball inconsistently.



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OPERATION

Place the Power Spring in the desired Speed Hole on the Power Lever. **(Illustration 1)** (For information on adjusting the speed see ADJUSTMENTS on the next page.)

Once you have chosen the desired speed setting, cock back the Throwing Arm. **(Illustration 2)**

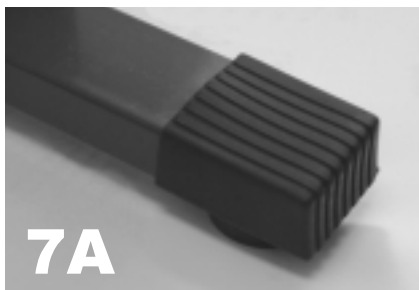
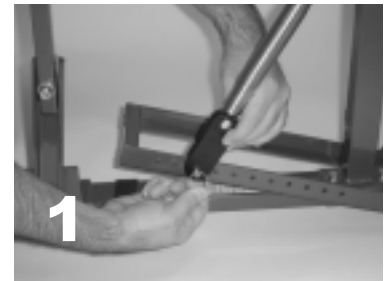
Lock the Throwing Arm in place with the Block on the Release Lever. **(Illustration 3)**

Before placing the ball on the Throwing Arm, double check to make sure all people are clear of the Throwing Arm, and clear of the flight path that the ball will be taking. Once it is determined to be safe, place the ball on the Throwing Arm and resting against the Micro Adjustment Screw. **(Illustration 4)**

Hold on to the Release Lever with one hand while you push the Power Lever with your foot all the way down until it makes contact with base of the machine. **(Illustration 5)** NOTE: MAKE SURE YOUR FOOT IS HOLDING DOWN THE POWER LEVER UNTIL THE THROWING ARM HAS COMPLETELY STOPPED MOVING.

Pull back on the Release Lever to Pitch the ball. **(Illustration 6)**

On certain types of surfaces you may find it beneficial to turn the rubber end cap on the rear portion of the machine upside down **(Illustration 7A & 7B)** in order to remove any play in the rear portion of the pitching machine.



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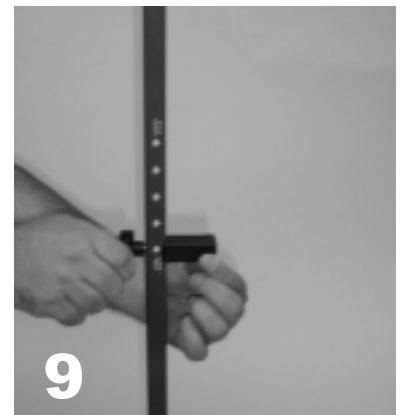
ADJUSTMENTS

SPEED: To determine the desired speed that you want the ball to be set the Power Spring on the appropriate hole on the Power Lever. The hole closest to home plate is the slowest setting, and the hole closest to the operator is the fastest setting. **(Illustration 8)**



HEIGHT: There are two ways to raise and lower the pitch that can be used in conjunction with each other.

RELEASE LEVER HEIGHT ADJUSTMENT: The Block on the Release Lever can be moved up or down the shaft of the lever to raise and lower the flight of the ball. The lower down the shaft that you place the Block, the higher the pitch will be. **(Illustration 9)**



MICRO-ADJUSTMENT: This piece is located in the "V" of the Throwing Arm and is designed to fine tune your pitches by making small changes in the height of the ball's flight path. The lower down the "V" that the Micro-Adjust Block sits, the lower the flight path of the ball will be. **(Illustration 10)** For fine tuning, simply screw the Micro-Adjust Screw clockwise for lowering the ball, or counterclockwise for raising the flight of the ball. Sometimes it only takes a quarter or half turn of the Micro-Adjustment screw to move the flight of the ball 6-10 inches. **(Illustration 11)**

