



OWNER'S MANUAL

Operating Instructions for the
JUGS® CHANGEUP
Super Softball™
Pitching Machine



SAVE THIS MANUAL

ATTENTION:

Coaches and Operators of this Pitching Machine:

This manual must be kept with the pitching machine
AT ALL TIMES.

Each coach and/or operator must read and understand this manual **BEFORE USING** the JUGS Changeup Super Softball™ Pitching Machine.

Call 1-800-547-6843 or 503-692-1635 for additional copies if necessary.

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Introduction

Your new JUGS Changeup Super Softball™ Pitching Machine has been checked for quality and craftsmanship. It's innovative design is backed by four decades of research, development and manufacturing experience. It has many features designed to make your practices more efficient and enjoyable. Safety, performance and dependability have been given top priority in the design of all JUGS pitching machines, making them easy to operate and maintain. With proper care, your JUGS pitching machine will give you many years of enjoyable service.

At JUGS, we are committed to providing our customers with safe, dependable products. Your comments are always welcome and they help us to continue to be the #1 producer of ball-throwing machines in the world. Call or write to JUGS.

Toll Free: 1-800-547-6843

Email: info@jugssports.com

JUGS Sports

11885 SW Herman Rd.




Tualatin, Oregon 97062



Product Safety Signs & Labels

Safety Alert Symbols

Safety Alert Symbols indicate **DANGER**, **WARNING**, or **CAUTION**. These symbols may be used in conjunction with other symbols or pictographs. Failure to obey a safety warning will result in serious injury to yourself or to others. Always follow the safety precautions to reduce the risk of electric shock and personal injury.

-  **DANGER:** Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury. This signal word is to be limited to the most extreme situations.
-  **WARNING:** Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.
-  **CAUTION:** Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices.

Product Safety Signs and Labels

The purpose of product safety signs and labels is to attract your attention to possible dangers. The safety symbols, signal words and the explanations with them, deserve your careful attention and understanding. The safety warnings do not by themselves eliminate any danger. The instructions or warnings they give are not substitutes for proper accident-prevention measures.

Safety Signs and Labels

Carefully read all safety sign decals affixed to machine before operating your JUGS pitching machine. See some typical examples below.

⚠ WARNING

PINCH-POINT HAZZARD
DO NOT PLACE HANDS OR OTHER BODY PARTS INTO AREA NEAR MOVING TIRE.

⚠ DANGER

MECHANICAL HAZZARD
READ ALL OPERATING AND SAFETY INSTRUCTIONS BEFORE USING THIS PITCHING MACHINE. ONLY INSTRUCTED PERSONNEL SHALL OPERATE THIS MACHINE.

⚠ DANGER

IMPACT HAZZARD
MAKE SURE PATH OF BALL IS CLEAR TO THE BATTER BEFORE FEEDING THE BALL.

SPEED CHART	
FASTBALL	CHANGEUP
70	55
65	51
60	51
55	46
50	44

⚠ DANGER

-SHOCK HAZARD- ALWAYS UNPLUG MACHINE BEFORE CHANGING FUSES. CJC-5a

⚠ DANGER

-SHOCK HAZARD- THIS MACHINE SHALL BE USED AND STORED IN DRY LOCATIONS ONLY. CJC-2

⚠ WARNING

-MECHANICAL HAZARD- ALL TIRE LUG BOLTS MUST BE CHECKED FOR TIGHTNESS BEFORE EACH USE. CJC-9

⚠ CAUTION

-STABILITY HAZARD- "T" HANDLE MUST BE IN PLACE AND TIGHTENED BEFORE USING MACHINE. CJC-7

FOR OPTIMUM CHANGEUP PERFORMANCE

**You must place machine
37 feet from Home Plate.**

Figure 1

Rules For Safe Operation

- ⚠ WARNING:** JUGS pitching machines are intended for use by operators who are at least 18 years of age and who have been instructed in their use.
- ⚠ WARNING:** Do not attempt to operate this machine until you have read thoroughly and understand completely all instructions, safety rules, machine labels, etc. contained in this manual. Failure to comply can result in accidents involving electric shock or serious personal injury. Save this Owners Manual and review frequently for continuing safe operation, and for instructing others who may use this machine.
- ⚠ WARNING:** Do not connect your pitching machine to a power source until you have assembled and adjusted the machine as described in this manual and have read and understood all precautions and operating instructions in the manual and printed on the machine.

READ THIS MANUAL:

- **Know your pitching machine.** Read the Owner's Manual carefully. Learn the machine's capabilities, features and limitations as well as the specific potential hazards related to this machine.
- **Guard against electrical shock** by preventing body contact with grounded surfaces. For example: radiators, pipes, fences, or other enclosures.
- **Keep the operator's area free of clutter.** Pick up all loose balls around the machine and keep ball supply in a pail, bucket or other suitable container. Cluttered operating areas invite accidents.
- **Do not allow children to operate the pitching machine. You must be at least 18 years of age or older** and instructed in the proper operation, maintenance, care, and storage of this machine before operating it. Close supervision is necessary when this machine is used near children.

Rules For Safe Operation

- **Use the right ball.** Use only JUGS dimpled, seamed style, Lite-Flite®, polyball or high quality leather softballs in this machine.
- **Inspect extension cords periodically** and replace if damaged.
- **Use the proper extension cord.** Make sure your extension cord is in good condition. When using an extension cord, be sure to use one heavy enough to carry the current your machine will draw. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating. A wire gauge size (A.W.G.) of at least 16 is recommended for an extension cord 25 feet or less in length. If in doubt, use the next heavier gauge. The smaller the gauge number, the heavier the cord.
- **Do not abuse the cord.** Never yank cord to disconnect it from receptacle. Keep cord away from heat, oil, and sharp edges. Stay constantly aware of cord location and keep it well away from the rotating tire.
- **Dress properly.** Do not wear loose clothing, gloves, neckties, rings, bracelets, or other jewelry. They can get caught and draw you into the moving parts. Long hair should be tied up and tucked under hats and helmets. Severe physical harm may result if loose clothing, jewelry or hair is caught in rotating tires.
- **Always wear safety glasses and batting helmets while the wheels are rotating.** Debris on the tires can fly off and cause physical harm. Everyday eyeglasses have only impact-resistant lenses; they are NOT safety glasses.
- **Never touch rotating tire.** Do not put hands or fingers into ball feed chute. Hands and fingers should only go to the edge of the chute.
- **Inspect machine before every use.** If damaged, have repaired by a qualified JUGS service technician.
- **Inspect tire before every use.** Be sure tire is free of grit and debris before turning on machine.
- **Do not use machine if ON/OFF switch does not work.** In the unlikely event that the switch becomes defective, have it replaced by a qualified JUGS service technician.

- **Keep machine clean, and free of grit and dirt.** With the machine unplugged, use only a clean damp cloth for cleaning. Never use brake fluids, gasoline, petroleum-based products, or any solvents to clean machine.
- **Tighten T-Clamp securely** after adjusting trajectory.
- **To protect the operator,** a pitcher's screen must be placed in front of the pitching machine.
- **Only operate and store this pitching machine in a clean, dry location.** Do not use outdoors if it is raining. If machine becomes wet, do not use. A potential shock hazard exists if this machine is used while or after it has been exposed to water. Hand dry surface water from machine with a clean cloth and allow the machine to completely air dry before its next use.
- **Avoid awkward operations and hand positions** where a sudden slip could cause your hand to move into the rotating tire. **ALWAYS** make sure you have good footing and balance.
- **Replacement parts.** All repairs, whether electrical or mechanical, should be made by a qualified JUGS service technician. When servicing, use only JUGS replacement parts.
- **Do not operate this machine under the influence of drugs, alcohol, or any medication.**
- **Stay alert and exercise control.** Watch what you are doing and use common sense. Do not operate this machine when you are tired. Do not rush.
- **Avoid accidental starting when reconnecting to a power supply.** Always turn off machine before disconnecting it from power source. **Never leave machine running unattended.** Turn the power off. Do not leave machine until tire comes to a complete stop.

Rules For Safe Operation

⚠ WARNING: Do not allow your familiarity with the machine to cause you to be careless. Remember that a careless fraction of a second is enough time to inflict severe injury to yourself or others.

SAVE THIS MANUAL. Refer to it often and use it to instruct other users. Do not loan your pitching machine to anyone who has not been instructed in its use. If you do loan your machine, be sure this manual goes with it.

Electrical

Grounding Instructions

This product must be grounded. If it should malfunction or break down, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This product is equipped with a cord having an equipment-grounding conductor and grounding plug. The plug must be connected to an appropriate GFCI outlet that is properly installed and grounded in accordance with all local codes and ordinances.

Do not modify the plug provided. If it will not fit the outlet, have the proper outlet installed by a qualified electrician. Improper connection of the equipment-grounding conductor can result in a risk of electric shock. The conductor with insulation having an outer surface that is green with or without yellow stripes is the equipment-grounding conductor. If repair or replacement of the electric cord or plug is necessary, do not connect the equipment-grounding conductor to a live terminal.

Check with a qualified electrician or service personnel if the grounding instructions are not completely understood, or if in doubt as to whether the pitching machine is properly grounded.

Extension Cords

Use only 3-wire 16 AWG or larger grounding type extension cords that have 3-prong grounding plugs and 3-pole receptacles that accept the machine's plug. When using the machine at a considerable distance from a power source, use an extension cord heavy enough to carry the current that the machine will draw. An undersized extension cord will cause a drop in line voltage, resulting in a loss of power and causing the motor to overheat. Only round jacketed cords listed by Underwriter's laboratories (UL) should be used.

When working with the machine outdoors, use an extension cord designed for outside use. This is indicated by the letters "WA" on the cord's jacket. Before using the extension cord, inspect it for loose or exposed wires and cut or worn insulation.

⚠ WARNING: Keep the cord away from the rotating tire area. Repair or replace a damaged or worn cord immediately.

Electrical Connection

Your JUGS pitching machine is powered by a 90 volt motor. Do not operate this machine on direct current (DC). A substantial voltage drop will cause a loss of power and the motor will overheat. If the machine does not operate when plugged into an outlet, double check the power supply. Your pitching machine will operate under a standard 110 voltage AC outlet. Do not use an adapter with this product.

This machine is intended for use on a circuit that has an outlet like the one shown in Figure 2. It also has a grounding pin like the one shown.

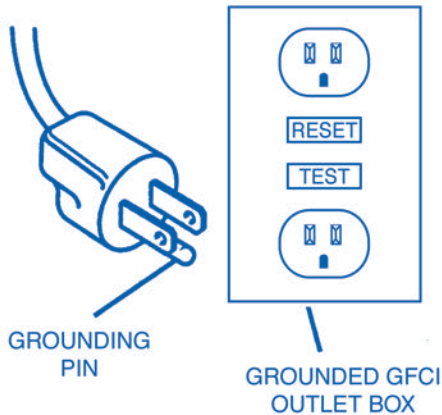


Figure 2

Terminology

• CHANGEUP SUPER SOFTBALL™ PITCHING MACHINE DIAGRAM

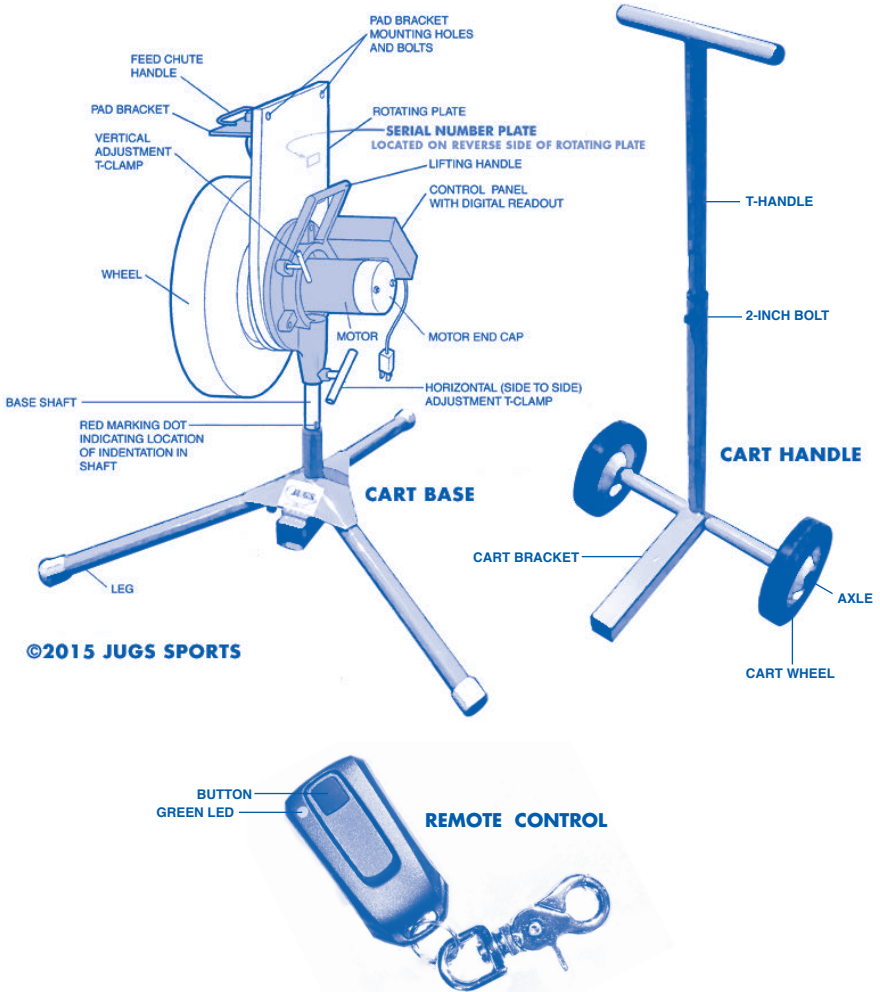


Figure 3

Unpacking

⚠ WARNING: To prevent accidental starting or electrical shock that could cause possible serious injury, assemble all parts to your machine before connecting it to the power supply. The pitching machine should never be connected to a power supply when you are assembling parts, making adjustments, cleaning, servicing, or when not in use.

- Carefully lift machine from carton and place on level surface.
- Make sure you have all the parts (See Figure 3). If any parts are missing, do not operate the machine until the missing parts are replaced. Failure to do so could result in possible serious personal injury.
- Do not discard the packing materials until you have carefully inspected the machine, identified all the parts, and satisfactorily operated the machine.

NOTE: If any parts are damaged or missing, do not attempt to plug in the power cord and turn on switch until the damaged or missing parts are obtained and are installed correctly.

Assembly

1. Transport Cart and Machine Assembly

- Place the axle through the Cart Bracket
- Place a washer on each side of the axle.
- Place a wheel on each side of the axle.
- Place another washer on each side of axle (outside of wheel).
- Place the T-Handle into the Cart Bracket until the bolt hole lines up.

Assembly

- Insert the 2-inch bolt all the way through the holes. Place lock washer on bolt and tighten nut securely.
- Place legs into the Cart Base and tighten the bolts securely with the enclosed wrench.
- Put a crutch tip on the end of each leg. If using the machine outdoors, remove the crutch tips.
- **Secure machine to Cart Base:** Loosen Horizontal Adjustment T-Handle located at bottom of the machine and slide machine onto the Cart Base Shaft. Red mark on Cart Base should align with red mark on machine. Securely tighten Horizontal Adjustment T-Handle.

Moving the Machine

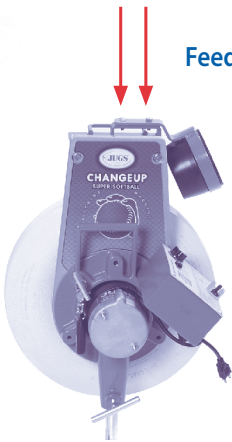
To move your pitching machine, slide the Cart Handle into the Cart Base. Pull back on the Cart Handle and roll the machine away.



Operation

GENERAL OPERATING INSTRUCTIONS

1. Be sure the control switch is in the "OFF" position and Speed Control Dial is turned all the way to the left (lowest speed).
2. Both 11" and 12" softballs can be used with the JUGS Changeup Super Softball™ Pitching Machine. When using the 11" softballs, you must use the proper 11" softball feed chute to insure accuracy. The 11" feed chute is optional and can be ordered from the factory.



Feed Chute bolt locations:

To switch Feed Chutes, remove bolts attaching 12" Feed Chute to Pad Bracket. Replace with 11" Feed Chute, replace bolts and tighten securely.

3. Connect a 3-wire extension cord (3-prong) into a grounded (3-prong) 110-volt AC outlet.
4. Move control switch to "ON" position.

IMPORTANT: Always pitch balls at speeds suitable for the age and skill level of the batter. Pitches thrown too fast will be counter-productive and dangerous.

Operation



Figure 6: Digital Readout Control Panel

WARNING: The digital speed readout on the JUGS Changeup Super Softball™ Pitching Machine is calibrated ONLY for 12-inch softballs. If you have purchased the optional 11-inch softball feed chute, the JUGS Changeup Super Softball™ Pitching Machines will throw 11-inch softballs approximately 3-miles-per-hour slower than what the speed readout indicates.

12- and 11-inch softballs that are harder in composition than the standard JUGS softballs will throw at speeds up to 10-miles-per-hour faster than the speed readout indicates. To maximize safe use of the machine, adjust the speed down accordingly. **NEVER mix different types of balls: use only one style at a time.**

Operation

PITCHING SOFTBALLS TO BATTERS

Follow all safety performance instructions in this manual. The following feeding instructions should be used to insure accurate and efficient operation of the JUGS Changeup Super Softball™ Pitching Machine.

Important Pitching Machine Feeding Instructions:


1. When feeding the machine with leather balls or JUGS Sting-Free® Seamed ball, hold the ball the same way every time. Across the seams is best.
2. Have all batters and observers stand well clear of the target as you throw test balls to adjust trajectory and aiming point.
3. **VERY IMPORTANT:** Before you place the ball in the feed chute, you should look up at the batter and make absolutely sure the batter is watching you and is ready to receive the pitch. It is **extremely important** that you make sure that the immediate area in front of the pitching machine and the flight path of the ball is clear before you feed the balls into the pitching machine.
4. When the batter has taken his/her stance and indicates he or she is ready to hit, hold the ball high in the air where the batter can see the ball. Then bring the ball down to the chute simulating live action so that the batter can time the ball correctly. Set the ball in the feed chute and release. Do not drop the ball into the chute. Watch the ball into the wheels, then look up at the batter. The whole feeding operation should be smooth and without interruption.
5. Every batter, after taking his/her stance, as well as between pitches, goes through a personal readiness routine. The ball feeder should adjust the pitch spacing to each batters' habits accordingly. This will assure that the batter is ready to receive the pitch and will also help to simulate live action. The batter can then regard each throw as a separate pitch and avoid becoming an "automatic swinger". Generally speaking, pitches can be spaced between 6 and 10 seconds apart.

Operation

6. Out-of-round, soft, mushy, or wet balls will affect accuracy of pitches and must not be used. Mixing different types of balls (leather, rubber, JUGS Sting-Free®, etc.) will affect consistency of pitches—Throw only one type of ball at a time.
7. Use only JUGS Sting-Free® dimpled or seamed style, Lite-Flite®, Softie®, poly softballs or high quality leather softballs in this machine.
8. Do not permit more than one or two persons around the pitching machine during its operation.

BATTING HELMETS MUST BE WORN AT ALL TIMES.

9. Operators of JUGS® Pitching Machines must wear safety glasses and batting helmets at all times.

 **WARNING:** A protective pitching screen must be used to protect the operator and the machine from batted balls.

 **WARNING:** Before throwing a pitch, you must remove the Cart Handle.

NOTE: We suggest that each operator spend a couple of hours experimenting with the JUGS Changeup Super Softball Pitching Machine (See page 21).

10. At the beginning of practice, or after any change in speed, or trajectory, have the batter stand well clear while a sufficient number of test balls are thrown to make certain the machine is properly aimed at the intended target. If you move the machine for any reason, repeat this process.
11. Throw balls at speeds the batter can learn to hit. As the batter's skills increase you can throw faster pitches. Always pitch balls at a speed suitable for the age and skill level of the batter. Pitches thrown too fast will be counterproductive and dangerous.
12. Place ball into Feed Chute and watch the trajectory of the ball.

Operation

13. Increase the speed of the pitch by turning the dial clockwise on the Digital Readout Panel (see Figure 6).

- When you increase speed of any pitch, you must lower the elevation of aim; when you decrease the speed, you must increase the aim elevation.

14. **To regulate the height of the pitch:**

- Hold the Feed Chute Handle and loosen the Vertical T-Clamp.
- Move the Feed Chute TOWARDS home plate for a lower pitch. Move the Feed Chute AWAY from home plate for a higher pitch.
- Hand tighten the Vertical T-Clamp when done.

⚠ WARNING: NEVER loosen the Vertical T-Clamp without holding the Feed Chute Handle.

15. **To regulate the direction of the pitch:**

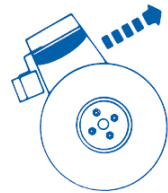
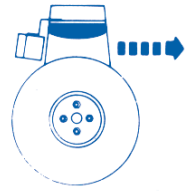
- Loosen the Horizontal T-Clamp.
- Grasp the Feed Chute Handle and move the “top” of the JUGS sideways until the chute is aimed at the desired target.
- Hand tighten Horizontal T-Clamp.

NOTE: When throwing faster pitches, be sure to line up horizontal T-Clamp over the red dot on the base and then tighten the horizontal T-Clamp. To make small lateral adjustments (for example, from “outside corner” pitches to “inside corner” pitches) simply “shift” the legs of the pitching machine slightly by gently tapping the legs with your foot. Be sure to throw test balls to ensure pitch location before pitching to batter.

Operation

Proper Position of the Feed Chute for Various Throws:

- **Fastballs:**
Position the feed chute level to throw straight balls by adjusting the Vertical T-Clamp.
- **Slow-Pitch Tosses:**
By adjusting the Vertical T-Clamp, you can position the Feed Chute slightly upward for slow-pitch tosses (or higher for fly balls, see Fielding Practice). The dial setting should be around “30” for slow-pitch tosses.
- **Changeup:**
See CHANGEUP Operation section, Page 20.



The JUGS Changeup Super Softball™ Pitching Machine is set up properly when one leg is pointed to second base (see figure 7).

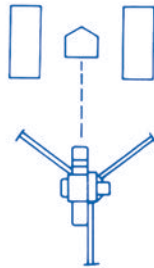


Figure 7

FIELDING PRACTICE FOR SOFTBALL

1. **VERY IMPORTANT:** Before you place the ball in the feed chute, you should look up at the fielder and make absolutely sure the fielder is watching you and is ready to receive the ball. It is **extremely important** that you make sure that the immediate area in front of the pitching machine and the flight path of the ball is clear before you feed the balls into the pitching machine.

Operation

2. When the fielder has taken his/her stance and indicates he or she is ready, hold the ball high in the air where the fielder can see the ball. Then bring the ball down to the chute simulating live action so that the fielder can time the ball correctly. Set the ball in the feed chute and release. Do not drop the ball into the chute. Watch the ball into the wheels, then look up at the fielder. The whole feeding operation should be smooth and without interruption.
3. Every fielder, after taking his/her stance, as well as between pitches, goes through a personal readiness routine. The ball feeder should adjust the throw spacing to each fielder's habits accordingly. This will assure that the fielder is ready to receive the ball and will also help to simulate live action.

Proper Position of the Feed Chute to Simulate Various Batted Balls:

- **Fly Balls:**

Feed Chute should be pointed upward. Degree of angle and speed will determine height and distance of fly ball. Loosening the Horizontal T-Clamp will allow you to aim your fly balls at various parts of the field. (See page 22 for advance fly ball drill instruction).



- **Ground Balls:**

Position the feed chute so it is pointed downward. The greater the downward angle, the bigger the hop will be on the ground ball.



- **Pop-ups to Catcher:**

Position the Feed Chute to point upward vertically for pop-ups to catchers. The ball will go straight up.



NOTE: When you want to vary the location of the throw for certain ground ball and fly ball drills, loosen the Horizontal T-Clamp enough (6 or 7 turns) so that you can pivot the top of machine 360 degrees around the base. However, when throwing to a specific target is desired, as in pitching, ALWAYS make sure the Horizontal T-Clamp is securely tightened into the indentation on the shaft located directly above the red dot on the base casting.

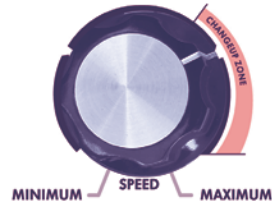
CHANGEUP Operation

THROWING FASTBALL/CHANGEUPS

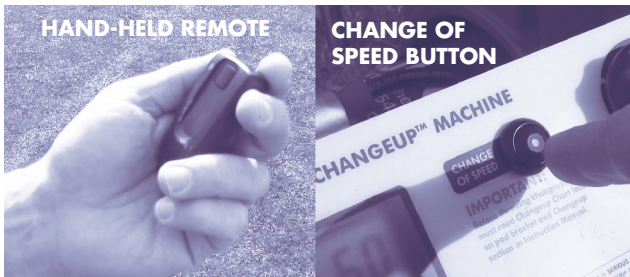
1. Machine must be placed 37 feet from home plate.



2. Turn speed dial to desired fastball speed within the "Orange Changeup Zone" (must be between 50 and 70 mph). The CHANGE OF SPEED button will blink until the set fastball speed is met. When it stops blinking, the machine is ready to throw at the desired fastball speed.



3. For optimum results, with the machine now set at fastball speed, Use the Vertical T-Clamp to adjust pitch location until the machine is throwing at the top of the strike zone. You are now ready to use the changeup.
4. The changeup can be activated in two ways: Either by pressing the CHANGE OF SPEED button on the control panel or by pressing the button on the hand-held remote control.



When the changeup mode is activated the display will flash "CU" until the changeup speed is reached. When the changeup speed is reached, the speed will register in the digital display. The machine is ready to throw the optimum changeup for the selected fastball speed.

IMPORTANT: It takes approximately 8 seconds for the machine to completely change speeds. However, balls can be thrown at any time in-between.

CHANGEUP Operation

USING THE REMOTE CONTROL

The hand-held remote fits in your hand and easily attaches to your key-chain or machine. It can be operated at up to 300 feet from the machine, and flashes a green LED light when activated.



NOTE: We suggest that each operator spend a couple of hours experimenting with the JUGS Changeup Super Softball™ Pitching Machine—One person feeding and the other using the remote. With practice and working in tandem, you will get the best results out of the machine and your practice.



CHANGEUP Operation



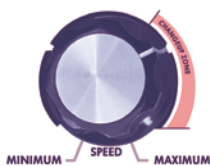
For suggested tips on using the Changeup feature on this machine, scan this 2D barcode with your portable device or visit jugssports.com

FASTBALL/CHANGEUP SPEED CHART

SPEED CHART	
FASTBALL	CHANGEUP
70	55
65	51
60	51
55	46
50	44

ADVANCED OUTFIELD DRILLS

Turning the speed control dial to the Changeup mode will allow you to change the distance on fly balls by simply using the hand-held remote, or the change of speed button on the control panel.



Transporting

Moving the Machine

To move your pitching machine, slide the Cart Handle into the Cart Base. Pull back on the Cart Handle and roll the machine away.



Maintenance

Review the following instructions carefully to maintain maximum accuracy with your JUGS Changeup Super Softball™ Pitching Machine.

Maintain tire pressure at 16 to 17 psi.

Cleaning and Tire Maintenance

- **Keep machine clean, and free of grit and dirt.** Always use a clean damp cloth when cleaning. Never use brake fluids, gasoline, petroleum-based products, or any solvents to clean machine.
- Periodically, you must clean the wheel to help maintain its maximum performance. A dirty wheel can easily be distinguished by either a dark ring around the wheel surface or when the surface itself has turned yellow and has a very glossy or shiny finish.
- **Sanding tires:** Using medium-grade sandpaper (sometimes an even coarser grade is necessary, depending on the amount of soil buildup) begin to **scrub** the tire surface. This process can be very tedious and may take up to 10 minutes per tire. However, it is necessary to completely remove all foreign substances from the tire to prepare it for better machine performance. You should sand the tire whenever you notice the soil build-up forming. **Always the sand tire with the power switch OFF and the machine unplugged.**
- Once you complete this operation the tire surface will, in most cases, take on the white color it was originally. Maintaining the tire in this fashion will not only maximize the performance and accuracy of your machine, but it will extend the life of the tire.

Hand-Held Remote

- To replace battery inside remote, pry apart the casing at the sides, slide out old battery and replace with a Panasonic® CR 2032 3V.

Storage

- Always store machine and extension cord in separate, clean, dry secured areas. Cover the machine with a suitable dust cover that does not retain moisture. Do not use plastic to cover machine.

Product Specifications

JUGS Changeup Super Softball™ Pitching Machine

Product Specifications:

Motor Specifications:

Variable Speed	Yes
Maximum Developed Horse Power	1/4 hp
Volts	90v DC
Amps	3 amps
Hertz	50/60 Hz
RPM	2250 rpm
Overload Protection	Yes

Hand-Held Remote:

Replacement Battery	Panasonic® CR 2032 3V
Operating Range	up to 300 feet

Tire Specifications:

Size	4.00/4.80-8
Pressure	16-17 psi

Frame Specifications:

Legs	steel tubing
Motor Mount Casting	cast aluminum
Feed Chute	cast aluminum
Overall Height	38 in.
Overall Width	30.5 in.
Overall Weight	75 lbs.
Recommended Generator	Yamaha® EF2000iS
Recommended Balls	JUGS Sting-Free® Softballs or high-quality leather softballs

Service

Servicing requires extreme care and knowledge of the machine and should be performed only by JUGS. For service, we suggest you return the machine to JUGS for repair. Always use original factory replacement parts when servicing.

Warranty

JUGS Sports guarantees that the JUGS Pitching Machines are well made; of good materials, and workmanship; and agrees that if, within five years after shipment thereof, any part so guaranteed should fail because of defective material or workmanship in its manufacture, the Company will repair or replace such part, free of charge F.O.B. to its factory in Tualatin, Oregon; provided, however, that upon request, the Buyer shall return the allegedly defective part to the Company's factory with transportation charges thereon prepaid. Commercial use of any JUGS product automatically limits this warranty to 30 days after date of shipment.



Unparalleled 5-Year Guarantee on all parts except the control panel, moving and non-moving, against normal wear and factory defects. Call for details.



2-Year Guarantee on control panel and handheld remote control unit against normal wear and factory defects. Call for details.

This warranty shall not be effective if the equipment has been subject to misuse, negligence or accident, nor if the equipment has been repaired or altered outside of our Tualatin factory in any respect which, in our judgement, affects its condition or operation.

JUGS Sports • PO Box 3126 • Tualatin, Oregon 97062

• RETURN PERFORATED CARD BELOW TO JUGS SPORTS •

Warranty Record

JUGS Serial No.: _____ Date Delivered: _____

Model: _____

Name: _____

Address: _____

_____ Zip: _____

Phone: (_____) _____

Purchased From: _____

Type of activity if other than school (i.e., Little League®, ASA, etc.) _____

Coach/Manager Name: _____



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