

PRO CUTTER 1502

with “EYE-BALL” Training Package

Show Pro Industries would like to thank you for purchasing a Pro Cutter. Every effort has been taken to provide you with a quality product that is designed to provide years of trouble-free service.



*Shown here with optional mounting bracket



SHOW PRO INDUSTRIES

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Packing List:

- control box (steel box containing electronic equipment)
- antenna
- remote control (worn on rider's wrist)
- inflatable bladder with hand pump
- black and white ball cover
- slide tubes
- kevlar cable
- cable tensioner
- installation instructions

INSTALLATION INSTRUCTIONS

1. **Mount control box:** Securely attach control box on one side of arena. It should be mounted so pulleys on bottom of box are approximately 45 inches from ground.
2. **Mount cable tensioner:** Mount cable tensioner on opposite side of arena approximately 45 inches from ground. An included bracket allows mounting to either a flat panel or post.
3. **Prepare Eye Ball for Installation:** Insert inflatable bladder into nylon cover. Use hand pump to inflate the bladder to approx 20" in size. **DO NOT** over-inflate bladder. When properly inflated, the "Eye Ball" should be firm with a slight "squish" to allow for expansion/contraction caused by temperature changes.
4. **Install "Eye Ball" & Kevlar cable:**
To install kevlar cable, start in center of arena.

- a. The "Eye-Ball" comes with two slide tubes; one which has kevlar cable pre-installed and one without cable.



- b. Start in the center of the arena. Take one end of cable around pulley on bottom of control box. Install the "free-sliding" slide tube onto the cable and run it around cable tensioner pulley, then back to center. Tie each end onto the front slide tube. Tighten. Cut off excess cable.
- c. Use the velcro straps to attach the "Eye Ball" to the slide tubes.



5. **Install antenna:** Remove shipping cap from antenna connector on top of control box. Insert whip antenna into connector, push down, and twist clockwise approximately ¼ turn. You should feel antenna lock into position. *(To remove antenna, squeeze base and twist counter-clockwise)*

**Do not discard the protective cap. Re-use cap to protect antenna connector when antenna is not installed.*

6. **Apply power:** Plug Pro Cutter into grounded 120VAC, 3-prong outlet. Waiting a few minutes before operating allows the climate control system to stabilize temperatures and remove condensation. Always unplug unit when not in use. **EURO MODELS: 240VAC/50Hz*



Completed Installation

Operating Instructions:

Following is a brief description of the various switches and dials:

1. **POWER:** Flip POWER switch ON to energize control box. Red POWER light will illuminate. The unit requires 5 seconds to initialize. Avoid pressing any control buttons while unit initializes.
2. **MANUAL:** Operate control box left, right, and change speeds.
3. **LOGIC:** Switch reverses the direction that the “Eye Ball” travels.

Example: After the Pro Cutter is installed, attach remote control to your wrist (wrist watch position) and button assembly on index finger. Press left switch with your thumb. If the “Eye Ball” travels left, you’re ready to go. However, if the “Eye Ball” travels right, toggle LOGIC switch. This will cause the “Eye Ball” to travel left as you press left switch – and right as you press right switch.

4. **FUSE:** Power surges, faulty cord, or defective component may cause a fuse to blow. When this happens, remove fuse and replace using only 4 amp/250v AGC fuse, or permanent damage may result.
NOTE: power indicator light will not illuminate when fuse is bad.

5. **SPEED DIALS: Front face of control box**

- **SPEED 1:** The left speed dial is the starting speed. When the control box is asked to run using either remote or manual control switches, the “Eye Ball” will begin moving at Speed 1 regardless of direction. To stop, simply release button or switch.
- **SPEED 2:** The right speed dial is second speed. To access Speed 2, begin by pressing a run button on remote or manual control. The “Eye Ball” will begin moving at Speed 1. When traveling at Speed 1, release button and re-press immediately. Control box will shift to Speed 2. Repeat and control box will go back to Speed 1.

EXAMPLE: Set Speed 1 (left dial) to "15", and Speed 2 to "45". When a run button is pressed, the “Eye Ball” will move at SPEED 1. To shift to SPEED 2, start the “Eye Ball” moving at

SPEED 1, then release and instantly re-press run button. The “Eye Ball” will now travel at SPEED 2.

NOTE: When you stop, the unit automatically resets to SPEED 1.

NOTE: If the unit fails to shift to, double-click was not fast enough. User only has 100 milliseconds to cause speed change.

6. **REMOTE CONTROL:** The remote control can be worn in a variety of ways depending on comfort and convenience. The most common method is to strap the control pouch to your preferred wrist in a wrist watch position. The two run buttons are installed on the side of your index (pointer) finger. The riders thumb is then used to operate the run buttons.

7. **PRACTICE:** Attach remote control to your wrist by inserting your hand through Velcro loop on pouch. Attach switch plate to index finger and rotate buttons so they can be pushed by your thumb. Walk to center of arena and practice operating machine. Make any necessary adjustments. Once comfortable with the controls, you are ready to introduce your horse to the Pro Cutter. We recommend working at slow speeds until both horse and rider are acclimated.

ADDITIONAL FEATURES:

- * Soft-start acceleration: Progressive acceleration ramp
 - * Superior radio system: Better range, less interference.
 - * Large drive system: Heavy-duty industrial components
 - * Weather-tight NEMA enclosure
 - * Climate control system
 - * Dynamic braking
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Thank you for choosing.....

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IMPORTANT SAFEGUARDS

1. Electrical enclosure (control box) should be protected with a non-metal roof or shield. This not only protects the paint finish but also keeps rubber components (gasket, boots, antenna, etc.) from drying out.
2. **Warning:** Electric shock or malfunction could occur if power cord or plug is damaged in any way. Do not work Pro Cutter in rain – or allow cord or plug to lie in water
3. Always use properly grounded 120VAC electrical outlet.
4. Do not operate Pro Cutter if control box, or any of its components are damaged in any way, or after malfunction.
5. Use Pro Cutter only as intended and described in literature.
6. Always unplug Pro Cutter when through working each day.
7. Do not allow flag to run into ends, or damage may occur to electronics, rope, or both.

TROUBLE SHOOTING

Problem:

1. Pro Cutter will not operate using remote control or manual switch.

Solution:

Make sure there is power to machine. Check 4A fuse.

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2. Pro Cutter will operate using manual switch but not remote control.

Check battery in remote control. Be sure antenna & receptacle aren't damaged.

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3. There's a "clicking" noise

Fuse may be blown or a more serious problem may exist. Contact Show Pro Industries.

NOTE: The remote control, worn on the rider's wrist, has a 9-volt battery in the plastic case inside the pouch. *The battery must be changed on a regular basis.* The first sign that a battery may be failing is when the cow or flag starts hesitating or "missing" going one direction. The natural tendency is to press harder on the switch, twist the cable leading to the switches, or tap the remote control, all of which may result in damage. Avoid these conditions and **replace battery at first sign of intermittent operation.** Remote control should always be stored indoors.

NOTE: The antenna or rubber cap must be securely fastened to receptacle on top of control box **at all times.** If the antenna or antenna cap is removed or damaged, water can enter the control box resulting in severe damage to electronics.

LIMITED WARRANTY

The following warranty is in lieu of all other warranties, expressed, implied or statutory, including but not limited to any implied warranty of merchantability or fitness for a particular purpose.

All new products sold by Show Pro Industries are warranted against defects in material and workmanship for two (2) years from the date of original purchase. During the warranty period, Show Pro Industries will repair, or at its option replace without charge, any SPI product (excluding normal wear items), providing it is returned to the factory, shipping prepaid, and is proven to be defective during the subsequent factory inspection. The warranty period for products repaired after expiration of new product warranty, as stated above, is limited to the repair portion and is valid for 90 days from date of reshipment to customer. All warranties, expressed or implied, are void if product is damaged by accident, misuse or modification in the absence of written authority from Show Pro Industries.

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