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.

Pro Cutter 1502

Packing List:

Cow Model
1 control box (steel box containing electronic components)
2 antenna
3 remote control (worn on rider's wrist)
4 stuffed cow
5 nylatron tubes w/snaps
6 kevlar cable (custom cut) & "tech" line
7 off-side pulley
8 installation instructions

Note: A black & silver banner can be added that will interchange with cow.

Flag Model
1 control box (steel box containing electronic components)
2 antenna
3 remote control (worn on rider’s wrist)
4 flat braid rope (appr. 400’)
5 flag
6 off-side pulley
7 installation instructions
INSTALLATION INSTRUCTIONS:

Cow Model:

1. **Mount control box:** Securely attach control box on one side of pen. It should be mounted so pulleys on bottom of box are approximately 45 inches from ground.

2. **Mount return pulley:** Mount off-side return pulley on opposite side of pen in horizontal position. It should also be mounted approximately 45” from ground. The pulley will hang slack until flat braid rope is installed.

3. **Install kevlar cable:** Have an assistant hold cable spool in the center of the arena. Locate the cable end NOT tied to slide tube. As assistant feeds off line, move towards off-side pulley, around pulley, through free sliding single snap slide tube, to control box, around both pulleys on bottom of control box, then back to center of arena. Remove as much slack as possible and tie off to end of double snap slide tube. Keep in mind that the objective is to form a loop with the cable. The slide tube with two snaps supports the cows head, and the tube with one snap supports the cows shoulder.

4. **Install "TECH" line:** The tech line is static and supports the cow hip. Begin by feeding tech line through single-snap slide tube. Tie end of rope to fence 2-3 inches "behind" closest pulley on bottom of control box. After removing slack, tie to fence on opposite side of arena 2-3 inches behind off-side pulley. By installing tech line close to shoulder line causes the cow to travel flat, stop flat, and turn around smoothly.

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

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*
7. **Attach cow**: Following the included drawing, attach cow to slide tubes on kevlar cable and tech line.

8. **Operate system**: Take a minute to experiment with the system. Turn Speed 1 (left speed dial) on control box to "20", and Speed 2 (right speed dial) to "45". Attach remote control to your wrist, and fingerplate on your index (pointer) finger. Using your thumb to operate buttons, move cow end to end. As you press down either direction button, the cow will begin traveling at Speed 1 "20". To shift to Speed 2, start moving at Speed 1, then release and re-press button instantly. The Pro Cutter will now accelerate to Speed 2 "45" and continue until the button is released.

Make any adjustments (tighten rope, adjust Tech line, etc). 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.
INSTALLATION INSTRUCTIONS:

Flag Model:

1. **Mount control box**: Securely attach control box on one side of pen. It should be mounted so pulleys on bottom of box are approximately 45 inches from ground.

2. **Mount return pulley**: Mount off-side return pulley on opposite side of pen in horizontal position. It should also be mounted approximately 45” from ground. The pulley will hang slack until flat braid rope is installed.

3. **Install flat-braid rope**: To install flat braid rope, start in center of pen. Take one end of rope around off-side pulley, across pen, around both pulleys on bottom of control box, and back to center of pen. Tie one end of rope to left side of flag and other end to right side of flag while removing slack. Cut extra line.

4. **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)

5. **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*

6. **Operate system**: Take a minute to experiment with the system. Turn Speed 1 (left speed dial) on control box to "20", and Speed 2 (right speed dial) to "45". Attach remote control to your wrist, and fingerplate on your index (pointer) finger. Using your thumb to operate buttons, move cow end to end. As you press down either direction button, the cow will begin traveling at Speed 1 "20". To shift to Speed 2, start moving at Speed 1, then release and re-press button instantly. The Pro Cutter will now accelerate to Speed 2 "45" and continue until the button is released.

   Make any adjustments (tighten rope, adjust Tech line, etc). 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.
Fasten rope to ends of flag

Pro Cutter

5" Idler Pulley
Pro Cutter 1502

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:** switches control direction of remote control and manual control switches.

   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 cow travels to left, you’re ready to go. However, if cow travels to right (when you press left switch), toggle LOGIC switch. This will cause the cow 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 10 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 cow 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 cow will begin moving at Speed 1. When traveling at Speed 1, release button and re-press immediately. Control box will shift to Speed 2.
EXAMPLE: Set Speed 1 (left dial) to "15", and Speed 2 to "45". When a run button is pressed, the cow will move at SPEED 1. To shift to SPEED 2, start the cow moving at SPEED 1, then release and instantly re-press run button. The cow 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 SPEED 2, double-click was not fast enough. User only has 100 milliseconds to cause speed change.

10. **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, and strap the button assembly to your index (pointer) finger. The riders thumb is then used to operate the run buttons.

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**ADDITIONAL FEATURES:**

* Soft-shift: eliminates hesitation when shifting from Speed 1 to Speed 2

* Soft-start acceleration: Graduated acceleration in 1st and 2nd speeds.

  * Superior radio system: Better range, less interference.

  * Large drive system: Heavy-duty industrial components

  * Weather-tight NEMA enclosure

  * Climate control system

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Thank you for choosing............

**SHOW PRO INDUSTRIES**

P.O. Box 1235 (Hwy. 51 N.), Springtown, TX  76082  / (817)523-4055 / (817)220-5117 fax
Important Safeguards:

1. Electrical enclosure 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 110VAC electrical outlet.

4. Do not operate Pro Cutter if electrical enclosure 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.

Troubleshooting:

Problem:  

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

Solution:  

make sure there is power to machine. Check fuse.

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

check battery in remote control. Be sure antenna & receptacle aren’t damaged.

3. There’s a “clicking” noise but Pro Cutter won’t run. Power light does not illuminate.

fuse is blown. Replace fuse (10 amp, 250 v. fast blow).

NOTE: The remote control is powered by a common 9-volt battery which will require replacement on occasion. Remove plastic case from Velcro pouch. On top of plastic case, remove small screw to remove battery door. Unsnap battery and replace.

The cow (or flag) will start hesitating or “missing” going one direction indicating a weak battery in the remote control. The natural tendency is to press harder on the switch, twist the cable leading to the switches, or tap the remote control on the saddle horn. Any of these procedures may work on a temporary basis, but will ultimately damage the remote control. Once damage has occurred, changing the battery will do no good.

NOTE: The antenna, or rubber cap, must be securely fastened to receptacle on top of control box at all times. In the event antenna receptacle is damaged, the receptacle must be covered to prevent water from entering control box, or extensive damage may result.
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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