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DT Systems 88105

DT SYSTEMS Super Pro Dummy Launcher User Manual

Model: 88105

INTRODUCTION

The DT SYSTEMS Super Pro Dummy Launcher is an advanced training tool designed to simulate realistic hunting scenarios for your dog. It utilizes .22 caliber blank power loads to propel a retrieving dummy, mimicking the sound of a gunshot and the visual marking of a bird in flight. This versatile device is suitable for both land and water training, helping to enhance your dog's retrieving skills and prepare them for field work.

This manual provides detailed instructions on the proper setup, operation, and maintenance of your Super Pro Dummy Launcher to ensure safe and effective use.

SAFETY INFORMATION

WARNING: This device produces a loud sound similar to a firearm. Always wear appropriate hearing protection when operating the dummy launcher. Keep clear of the launch path and ensure no persons or animals are in the trajectory of the dummy.

Always point the launcher in a safe direction, away from people, animals, and property. Use only D.T. Systems Powerloads specifically designed for this launcher. Store the launcher and power loads in a secure location, out of reach of children and unauthorized users.

SETUP

Before first use, familiarize yourself with all components of the Super Pro Dummy Launcher.



Figure 1: The Super Pro Dummy Launcher with its white Cordura Nylon dummy.



Figure 2: Close-up view of the launcher's firing mechanism and shell extractor.

Loading the Dummy and Power Load:

1. Ensure the launcher is unloaded and pointed in a safe direction.
2. Insert the Cordura Nylon retrieving dummy onto the launch tube. Ensure it is seated firmly.
3. Open the breech to access the chamber for the power load.
4. Select the appropriate .22 caliber blank power load based on desired launch distance:
 - **Green:** 40-60 yards
 - **Yellow:** 60-80 yards
 - **Red:** 80-100 yards
5. Insert the chosen power load into the chamber and close the breech securely. The built-in shell extractor will assist in removing spent casings later.

The launcher features a thick, shock-absorbing recoil pad and dual exhaust holes to minimize recoil, along with a wide nylon comfort grip handle sleeve for comfortable handling during training sessions.

OPERATING INSTRUCTIONS

The Super Pro Dummy Launcher is designed for intuitive operation to facilitate effective dog training.



Figure 3: Trainer preparing to launch a dummy for a dog.



Figure 4: The dummy is designed to float, making it suitable for water retrieves.

Launching the Dummy:

1. With the dummy and power load securely in place, hold the launcher firmly using the comfort grip handle.
2. Point the launcher towards the desired retrieve area, ensuring a clear trajectory. The flight angle can be adjusted to control the retrieve distance.
3. Engage the firing mechanism. The self-contained firing pin mechanism ensures reliable operation.
4. The blank power load will propel the dummy, simulating the sound and visual cue of a bird.
5. After firing, open the breech to extract the spent casing using the built-in extractor.

The dummies are designed to float, making this launcher ideal for both land and water training scenarios. This allows for comprehensive training in various environments.

MAINTENANCE

Proper maintenance is crucial for the longevity and reliable performance of your Super Pro Dummy Launcher.

- **Cleaning:** The self-contained firing pin mechanism makes the launcher easy to clean. After each use, especially if used in wet or dirty conditions, clean the launch tube and firing mechanism thoroughly.
- **Drying:** If the launcher is used in water, ensure the launch tube is completely clean and dry before subsequent use. Moisture can affect performance and lead to corrosion.
- **Lubrication:** Regularly lubricate moving parts, particularly the firing shaft and extractor, with a suitable gun cleaning and lubricating product. This helps prevent wear and ensures smooth operation.
- **O-Ring Replacement:** The O-rings on the firing shaft may require periodic replacement to maintain a proper seal and consistent performance. Inspect them regularly for signs of wear or damage.
- **Dummy Care:** The Cordura Nylon dummy can get dirty with use. It can be washed to maintain cleanliness and scent-holding properties.

TROUBLESHOOTING

If you encounter issues with your Super Pro Dummy Launcher, consider the following common solutions:

Problem	Possible Cause	Solution
Dummy does not launch or launches weakly.	Incorrect power load, dirty chamber, worn O-rings, or improper dummy seating.	Ensure correct power load is used. Clean the chamber and firing mechanism. Inspect and replace O-rings if necessary. Ensure dummy is fully seated on the launch tube.
Difficulty extracting spent casing.	Dirty chamber, lack of lubrication, or damaged extractor.	Clean the chamber thoroughly. Apply lubricant to the extractor and surrounding parts. If the issue persists, inspect the extractor for damage.
Excessive "flash bang" or loud report.	Over-lubrication or residue buildup.	Ensure not to over-lubricate the firing mechanism. Clean any excess oil or residue from the firing pin area.

SPECIFICATIONS

Feature	Detail
Model Name	88105
Item Weight	2.55 pounds (approx. 1.16 kg)
Product Dimensions (LxWxH)	3.76 x 6 x 15.76 inches (approx. 9.55 x 15.24 x 40.03 cm)
Material	Aluminum frame, Stainless Steel components
Dummy Material	1000 denier Nylon Cordura fabric
Power Load Type	.22 caliber blank power loads (Green, Yellow, Red)
Recoil Reduction	Thick shock-absorbing recoil pad, dual exhaust holes
Water Compatibility	Dummies float for water training

WARRANTY

This DT SYSTEMS Super Pro Dummy Launcher is covered by a Manufacturer Warranty. For specific details regarding warranty coverage, terms, and conditions, please refer to the warranty information provided with your product packaging or contact DT Systems customer support directly.

SUPPORT

For further assistance, technical support, or inquiries about replacement parts and accessories, please visit the official DT Systems website or contact their customer service department. Contact information can typically be found on the product packaging or the manufacturer's website.

DT Systems is committed to providing high-quality dog training products and support to their customers.

