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- › [Unicorn](#) /
- › [Unicorn Heritage Darts - Silver Comet \(Model 07100\) Instruction Manual](#)

Unicorn 07100

Unicorn Heritage Darts - Silver Comet (Model 07100)

Instruction Manual

1. INTRODUCTION

This manual provides essential information for the proper assembly, use, and care of your Unicorn Heritage Silver Comet Darts. Please read these instructions carefully before using the product to ensure optimal performance and longevity. These darts are designed for recreational and competitive dart play.

2. PRODUCT OVERVIEW

The Unicorn Heritage Silver Comet Darts are crafted with precision for a balanced throw. Each dart consists of several key components that work together to provide a consistent flight path.



Figure 2.1: A single Unicorn Heritage Silver Comet dart.

2.1 Components

Each Silver Comet dart features the following parts:

- **Plated Brass Barrels:** The main body of the dart, providing weight and grip.
- **Aluminium Alloy Shaft:** Connects the barrel to the flight, ensuring durability and stability.
- **Slotted Flight Holder:** A design feature on the shaft for secure flight attachment.
- **Patented Screw Shaft Cap:** Secures the flight firmly in place.
- **Flights:** Aerodynamic fins that stabilize the dart during flight.
- **Steel Tip:** The sharp point designed to stick into the dartboard.



Figure 2.2: Detailed view of Silver Comet dart components.

3. SETUP AND ASSEMBLY

Your Unicorn Heritage Silver Comet Darts may require minor assembly before first use. Follow these steps to prepare your darts for play:

1. **Unpack Components:** Carefully remove all dart components from their packaging. You should have barrels, shafts, flights, and possibly screw caps.
2. **Attach Shaft to Barrel:** Screw the aluminium alloy shaft clockwise into the threaded end of the plated brass barrel until it is finger-tight. Do not overtighten.
3. **Insert Flight:** Gently slide the flight into the slotted flight holder at the end of the shaft. Ensure the flight is fully seated and aligned properly.
4. **Secure Flight (if applicable):** If your dart includes a patented screw shaft cap, carefully screw it onto the end of the shaft over the flight to secure it.



Figure 3.1: Three assembled Silver Comet darts.

4. OPERATING INSTRUCTIONS

Proper technique is crucial for effective dart play. Here are general guidelines for holding and throwing your Unicorn Heritage Silver Comet Darts:

4.1 Holding the Dart

- Grip the barrel of the dart with 3 to 5 fingers. The grip should be firm but relaxed, allowing for a smooth release.
- Avoid gripping too tightly, as this can restrict movement and affect accuracy.
- Experiment with different finger placements on the barrel to find what feels most comfortable and balanced for you.

4.2 Throwing the Dart

1. **Stance:** Stand comfortably at the throw line, either sideways or facing the board slightly. Maintain balance.
2. **Aim:** Focus your eyes on the target area on the dartboard.

3. **Backswing:** Bring the dart back smoothly, keeping your elbow up and stable.
4. **Forward Throw:** Accelerate the dart forward, extending your arm towards the target.
5. **Release:** Release the dart smoothly at the peak of your forward motion. The dart should leave your hand with a natural, unforced trajectory.
6. **Follow Through:** Continue the motion of your arm towards the target even after the dart has been released. This helps maintain accuracy.

5. MAINTENANCE

Regular maintenance will help preserve the condition and performance of your darts.

- **Cleaning:** Wipe the barrels and shafts with a soft, dry cloth after each use to remove dirt and oils. Avoid abrasive cleaners.
- **Flight Care:** Flights can become bent or damaged. Straighten bent flights carefully or replace them if they are severely damaged, as this affects dart flight.
- **Tip Sharpening:** Periodically check the steel tips for dullness or burrs. Use a dart sharpener to maintain a sharp point, which helps the dart stick to the board.
- **Component Check:** Regularly inspect shafts and barrels for any signs of damage or loosening. Ensure all parts are securely fastened before playing.

6. TROUBLESHOOTING

Here are solutions to common issues you might encounter with your darts:

- **Dart Not Sticking to Board:**
 - Check if the dart tip is dull. Sharpen it with a dart sharpener.
 - Inspect the dartboard for excessive wear. A worn board may not hold darts well.
- **Flights Falling Out:**
 - Ensure the flight is fully inserted into the shaft's slot.
 - If using a screw shaft cap, ensure it is tightened.
 - Flights can wear out. Replace damaged or loose flights.
- **Inconsistent Flight Path:**
 - Check flights for bends or tears. Replace if damaged.
 - Ensure shafts are not bent or cracked. Replace if necessary.
 - Review your throwing technique for consistency.

7. SPECIFICATIONS

Feature	Detail
Model Number	07100
Product Dimensions	20 x 10 x 8 cm
Product Weight	23 g (per dart)

Barrel Material	Plated Brass
Shaft Material	Aluminium Alloy
ASIN	B008SSNUYO

8. WARRANTY AND SUPPORT

Unicorn Darts are manufactured to high standards. For specific warranty information or support inquiries, please refer to the official Unicorn Darts website or contact your retailer. Keep your purchase receipt as proof of purchase.

For general inquiries or to find replacement parts, please visit the [Unicorn Darts official website](#).

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