

INSTRUCTIONS **UK**

# Arrow



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## Introduction

*Congratulations for selecting the quality and reliability of a SEACSUB product. The equipment you have purchased is manufactured from high quality, tested materials. Development and constant research allow us to evolve continually. Innovative production processes, constant controls and testing under real conditions guarantee the reliability that all SEACSUB products are known for.*

### » Attention!

**Read this entire manual before using this equipment!**

**This manual must be retained for as long as you own the product!**

## General warnings

- ▶ Before using the Arrow speargun you must be familiar with all the safety regulations. Follow the instructions in this manual carefully and obey pertinent national and local laws; concerning the minimum age limit for using this product, proper conduct during its use and transport, the areas where its use is allowed, and warning devices, etc. The improper use of diving equipment by unlicensed persons, and in particular, use of the spear gun, can be dangerous and may cause serious or fatal injuries to the diver and his companions.
- ▶ During assembly and finishing of the Arrow speargun, all possible provisions were made to supply a highly reliable, long-lasting product.
- ▶ Such provisions may become ineffective if the user does not use the Arrow speargun correctly and does not maintain it adequately.
- ▶ SEACSUB s.p.a denies any responsibility for any problems resulting from a lack of observation of recommendations made in this manual.

- ▶ For any other eventuality, please contact your authorized SEACSUB dealer or SEACSUB directly. In order to guarantee maximum safety, all repairs or maintenance must be carried out only by authorized SEACSUB workshops.
- ▶ SEACSUB speargun designs evolve as a result of research conducted in close collaboration with numerous professional diving operators. The innovative characteristics guarantee reliability that remains unchanged over time and the mechanical and functional aspects allow an extremely simple maintenance regime.
- ▶ If you are not an expert in the use of this apparatus, we advise you to study its functions during trial dives in shallow depths and in favorable conditions.

## Arrow Arbalete Speargun

SEACSUB arbalete spear guns are the result of years of research in to the technical and construction characteristics of various materials including lightweight alloys, synthetic resins, and natural rubber. Thanks to the collaboration of many experts in this sector, including air-sea technicians, ballistic experts, applied ergonomists, and professional underwater hunters, we have developed a high quality product appropriate for both recreational and competitive use. Each individual component has been studied in detail to offer many unique features. We have taken great care and consideration in developing every feature and component in order to guarantee a product that will impress you with its manageability, precision, reliability, and durability.

**CHARACTERISTICS OF THE ARROW SPEARGUN**

<b>DEFINITION</b>	Arbalete speargun
<b>SIZES AVAILABLE</b>	45 55 65 75
<b>SHAFT LENGTH (CM )</b>	60 70 85 95
<b>SLINGS LENGHT (CM)</b>	14 16 18 20
<b>SHAFT FEATURES</b>	<ul style="list-style-type: none"><li>• Threaded in Ø 7 mm harmonic steel, M7 thread.</li><li>• Line guide in harmonic steel.</li></ul>
<b>SLING FEATURES</b>	Dual slings inserted in the head, Ø 16 mm
<b>SAFETY CATCH</b>	Yes, red, located on the handgrip
<b>LINE RELEASER</b>	Yes, red
<b>BARREL</b>	In lightweight, glare-free treated alloy
<b>HANDGRIP</b>	Ergonomically designed
<b>TRIGGERING MECHANISM</b>	In stainless steel and high-strength nylon to reduce friction
<b>SUPPLIED WITH</b>	Polybag case, Nylon polyester line, M7 threaded single-barbed harpoon

## Instructions for the correct use of the Arrow speargun

### » Attention!

*Read the following instructions carefully. Your safety and the continued efficiency of your equipment depend on your having read these instructions..*

### » Attention!

*The Arrow speargun must always be transported with care in bags and backpacks specially designed to contain underwater spear guns and avoid contact with heavy or sharp objects.*

### » Attention!

*Each time you transport or store your Arrow speargun, it is essential to protect the tip of the shaft with a protection tube.*

### INSTRUCTIONS FOR CORRECT ASSEMBLY OF THE ARROW SPEARGUN

- ▶ The Arrow speargun comes equipped with a 200 cm line to connect the shaft to the muzzle of the speargun. This must be installed before using the Arrow arbalete speargun for the first time.
- ▶ The first step is to thread one end of the line around the line holder on the shaft. The line must be fastened by means of a slipknot or any other type of knot that secures the line properly (Drawing 1).
- ▶ Once the knot has been secured, insert the shaft through the muzzle until it fits into the trigger mechanism system on the handgrip.
- ▶ Once this has been done, run the line along the barrel until it reaches the line releaser, running the line around it to return to the muzzle. Insert the free end of the line in the eye in the muzzle and make another knot that secures the line to the eye itself.

- ▶ Use the knot to adjust the tension of the line so that it lies close to the speargun and hooked securely to the line releaser. (Drawing 2).
- ▶ The speargun is now ready to use.

### » Attention!

*It is recommended that this movement be practiced so that loading the Arrow speargun becomes a simple operation.*

### INSERTING THE SHAFT

- ▶ Always check that the shaft is fixed firmly into the triggering mechanism. The classic "click" tells you that the operation is complete, however as a safety precaution it is advisable to subsequently pull the spear with your hands to be sure that it is properly in place.
- ▶ Insert the safety by shifting the system forward of the handgrip (Drawing 3), run the line connected along the barrel of the speargun, creating a passage that secures it to both the line releaser and the muzzle (Drawing 4).
- ▶ The speargun is now ready to be loaded

### USE OF THE SLINGS AND WISHBONE FOR LOADING

- ▶ It is advisable to always wear gloves when loading your Arrow speargun..
- ▶ Hold the latex tubing in front of the wishbone, holding them between your fingers while pulling the slings (Drawing 5).
- ▶ For loading to the first notch we advise resting the handgrip, designed for this purpose, against your weight belt in order to guarantee safe support during loading (Drawing 6).
- ▶ In order to load to the second notch, according to the individual's strength or the length of the speargun, a further support is needed against the sternum. This operation is usually required to exploit the full power of the speargun (Drawing 7).

- ▶ The correct positioning of the wishbone in the notch of the shaft must be carefully controlled and followed by a slow release of the slings once loading has been completed (Drawing 8).

### **SHOOTING THE ARROW SPEARGUN**

Now the Arrow speargun is ready to be used, and as a final step, you must remove the safety catch that was previously inserted in order to be able to pull the trigger. It is advisable to always use extreme caution in using the underwater speargun as it is considered, for all effects and purposes, a weapon.

### **ELEVEN IMPORTANT USEFUL RECOMMENDATIONS TO PREVENT RISK AND INJURY WHILE USING THE ARROW SPEARGUN**

1. Follow national and local laws concerning the use and transport of underwater spearguns and relevant laws regarding the minimum age limits for use.
2. Do not load or attempt to load the underwater speargun in any crowded place, or in the vicinity of beaches, public coastlines, marinas etc.
3. Always load the Arrow speargun in water, ensuring other persons are at a safe distance.
4. Never, for any reason, aim the speargun at people, even if the safety catch is inserted.
5. Always consider the safety catch as an extra precaution and not as a foolproof safety system.
6. Ensure the speargun is positioned correctly before beginning the loading operation.
7. Mark your presence in the water with internationally and locally recognized signal buoys
8. Never shoot any speargun near other divers or swimmers.
9. Do not use the Arrow speargun if it shows signs of wear on essential components this includes shafts, slings, barbs, and the triggering mechanism. If in any doubt, do not use and immediately contact an authorized SEACSUB service centre for maintenance and assistance.
10. Never use the Arrow speargun out of the water, given its power, it could be seriously damaged and potentially dangerous for people, animals and other objects.
11. Never, for any reason, transport or keep the speargun loaded except when in use underwater.

#### **» Attention!**

*At the end of a day of fishing, we advise unloading the speargun before returning to land. To do this correctly, first insert the safety catch, and then hold the slings with both hands just above the wishbone, being very careful to release the wishbone from the shaft by accompanying the slings to the muzzle.*

### **Care and maintenance of the Arrow speargun**

In order to maintain your Arrow speargun efficiently, you must follow the precautions below:

- ▶ Following each dive, including those in fresh water lakes or rivers, the Arrow speargun must be rinsed outside with fresh running water. The use of de-mineralized water is recommended. Firstly, ensure all water residues that have entered during diving are removed from the triggering mechanism. Finally, leave the speargun to dry without exposing it extensively to direct sunlight.
- ▶ Periodically lubricate the triggering mechanism with silicone oil.
- ▶ Never place the Arrow speargun near to sharp or heavy equipment that may cause

damage to your speargun, for example, weight belts, cylinders, knives etc.

- ▶ Avoid contact with oils, solvents, or gasoline.
- ▶ If you believe you will not be using the speargun for more than a month, it is advisable to rinse every part carefully and let it dry thoroughly in the shade. Keep it perfectly dry in a cool, aerated place.
- ▶ At the end of a particularly intense season, or following a long period of inactivity, it is sound practice to leave the spear gun with an authorized service centre for a complete inspection. We recommend that you contact your local Seacsub dealer to perform all maintenance in a safe and efficient manner.
- ▶ We also suggest periodic inspection for any wear of each component, pay particular attention to the muzzles, slings, shafts, barbs, triggering mechanism, and relative pins.

▶ **Attention!**

*It is advisable to always use original spare parts, all individual component have been specifically studied to optimize the performance of this product and guarantee high safety margins. It is also advisable to refer to the length of the slings and shafts as indicated in the table entitled "Technical characteristics of the Arrow speargun" above.*

For any other information, please contact our technical office by e-mail at:

**info@seacsub.com**

### Certificate of Warranty

SEACSUB s.p.a guarantees the correct functioning of the product to which this document is attached.

This guarantee has a duration of two (2) years in accordance with current European regulations.

The warranty herein can be enacted according to the conditions and limits expressly indicated below:

1. The warranty will have a duration of 2 (two) years, beginning from the moment the product is acquired from an authorized SEACSUB dealer and does not require any preventive formality or subsequent validation.
2. This warranty is valid only for the first purchaser of the product from an authorized SEACSUB dealer. Being a strictly nominative warranty, it is not transferable to third parties unless previously and explicitly authorized by SEACSUB.
3. This warranty covers all and any functional defects caused by:
  - Intrinsic defects caused by the use of materials believed to be unsuitable
  - Evident errors in the design, manufacturing, or assembling of the product or its components
  - Incorrect or inadequate instructions and advice concerning its use.
4. This warranty will terminate automatically, and effective immediately, upon the repair, modification, transformation, adaptation, or general tampering carried out on the finished product or any of its parts that has not been previously authorized by SEACSUB or, in any case, carried out by a duly authorized service centre.
5. This warranty guarantees the right to intervention and repair at no cost and as soon as possible, or the total substitution of the product (as incontestably decided by SEACSUB), or its parts at no cost, when and where SEACSUB acknowledges functional defects strictly regarding those of point 3 above.
6. This warranty may also be validated by shipment of the product believed to be defective to SEACSUB. The intermediary authorized to carry out the shipment must

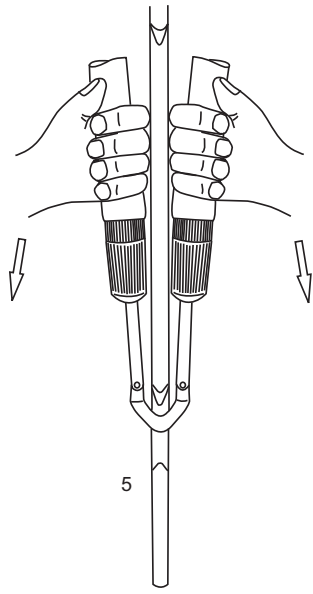
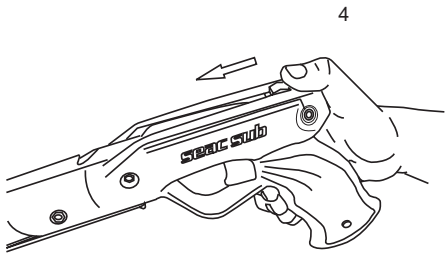
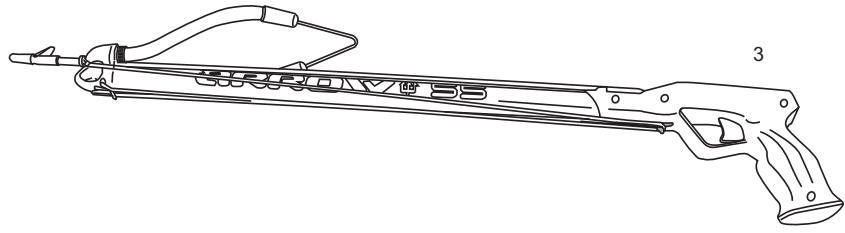
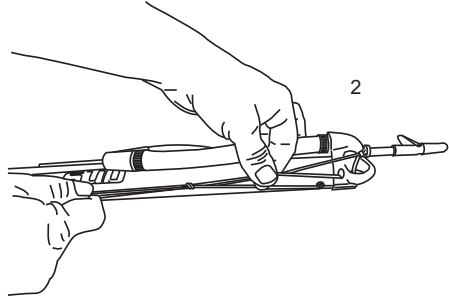
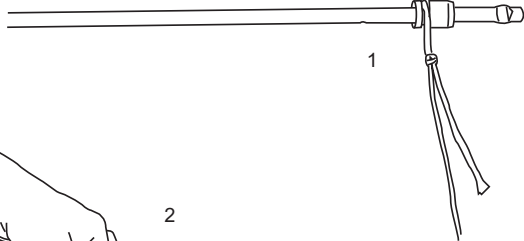
be the SEACSUB dealer from where the product was purchased. If this should be impossible, any other SEACSUB dealer, subject to authorization, may be authorized to ship the defective product. In order for the warranty to be valid, the product must be accompanied by a copy of the store receipt, invoice, or other similar proof of purchase where the name of the authorized SEACSUB dealer and the date of purchase of the product are noted.

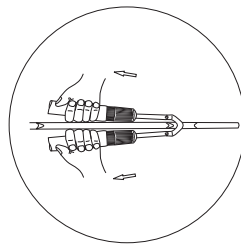
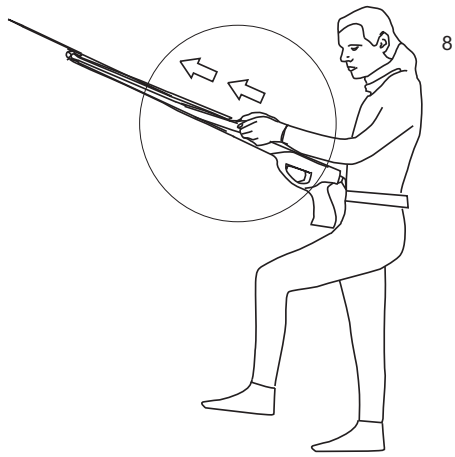
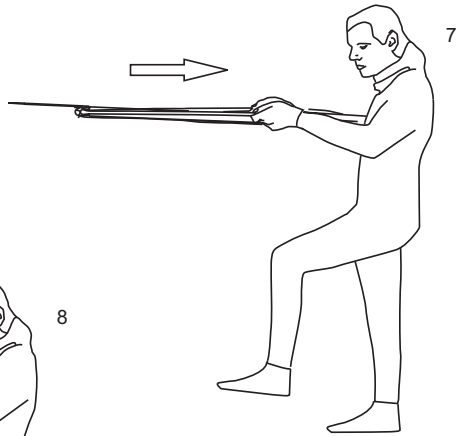
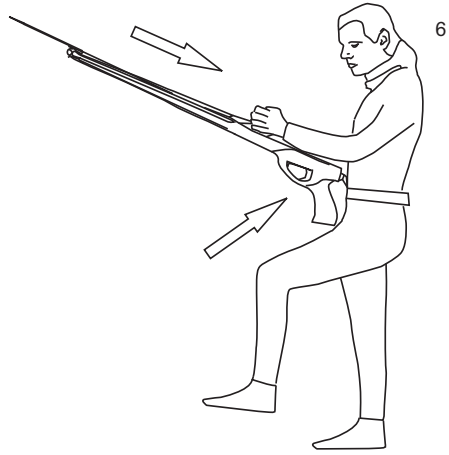
7. If SEACSUB receives a product that:
  - Is not accompanied by a proof of purchase document with the abovementioned characteristics
  - Has been subject to conditions that determine the extinction of the warranty according to point 4 above
  - Presents defects due to causes that are external or other than those explicitly indicated in point 3 above
  - Has been used inappropriately and/or for purposes other than what the product was intentionally designed for.

Absolutely no intervention shall be made on the product and the sender or the authorized dealer will be notified immediately should these conditions be breached.

If the sender intends to have the intervention carried out, he/she will transmit to SEACSUB, within the following fifteen days, a request stating so in which he/she shall explicitly agree to sustain all costs relative to the intervention itself. (labor, necessary replacement parts and shipping costs). Otherwise, SEACSUB will provide for the return of the product at the expense of the sender.







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