

★ *Circus Division*



**AERIAL SILK HOOK**

# PRODUCT CERTIFICATION

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Smart design and high tech materials built to last.

This is CIRCUS DIVISION, a whole new range of aerial equipment engineered, manufactured and certified in Italy by PLAY S.r.l. according to the **Directive 2001/95/CE** of the European Parliament and the Council of 3 December 2001 and general product safety and to the European legislation **UNI EN 913:2019**.

## GENERAL INFORMATION

These instructions inform you about the correct use throughout the life of the product: **read, understand and keep these instructions**. If lost, you can download the instructions from the web site **[www.circusdivision.com](http://www.circusdivision.com)**

The retailer must provide the instruction manual in the language of the country where the product is to be used.

## USE

This equipment should be used only by trained and competent persons. Otherwise the user should be under the direct supervision of a trained and competent person. This notice will not teach you the techniques for work at height or any other associated activity: you must have received qualified instruction before using this product.

## WARNING

**Aerial dance and aerial acrobatics and any other activity for which these products may be used, is inherently dangerous. The consequences of incorrect selection, misuse or poor maintenance of equipment could result in damage, serious injury or death. The user must be medically capable to control his own security and any possible emergency situations. For equipment intended for use in fall arrest systems, it is essential for safety that the anchor device or anchor point should always be positioned, and the work carried out in such way as to minimize both the potential for falls and the potential fall distance. Verify the free space required beneath the user at the workplace before each occasion of use, so that, in the case of a fall, there will be no collision with the ground or the other obstacle in the fall path.**

**Being a full body harness the only acceptable body holding device that can be used in a fall arrest system and given that by their nature aerial acrobatics and aerial dance generally don't provide the use of such devices, it is required the use of an approved safety mat placed in the fall path.**

The product should only be used as instructed and no alterations should be made to it. It may be used in conjunction with any appropriate items of suitable specification and according to the EN standards, with due consideration to the limitations of each individual piece of equipment. If possible this product should be treated as personal.

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## **MAINTENANCE**

Cleaning of the textile and plastic parts: rinse in clean water and neutral soap (max temperature 86°F) and dry naturally away from direct heat. Cleaning of the metallic parts: rinse in clean water and then dry. Temperature: Always keep this product below 176°F so as not to affect the performance of the product.

Chemicals: withdraw the product from service if it comes into contact with chemical reagents, solvents, or fuels which could affect the performance of the product.

## **STORAGE**

Store unpacked in a cool, dry, dark place away from heat sources, high humidity, sharp edges, corrosives or other possible causes of damage.

## **RESPONSIBILITY**

The company PLAY S.r.l., or the distributor, will not accept any responsibility for damage, injury or death resulting from misuse of or from modifications to a PLAY S.r.l. – CIRCUS DIVISION branded product. It is the user's responsibility at all times to ensure that he/she understands the correct and safe use of any equipment supplied by or from PLAY S.r.l., that he/she uses it only for the purposes for which it is designed and that he/she practices all proper safety procedures. Before using the equipment, take all necessary steps to familiarize yourself with rescue techniques should an emergency occur. You personally assume all the risks and responsibilities for your actions and decisions: if you are not able or not in a position to assume these, do not use this equipment.

## **3 YEAR WARRANTY**

This product is warranted against any faults in materials or manufacture for 3 years from the purchase date. Limitations of warranty include: normal wear and tear, modifications or alterations, incorrect storage, corrosion, damage due to accidents or negligence, use for which this product is not specifically designed.

# USER MANUAL

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WLL (Working Load Limit): 170 daN (approx. 374 lbs)

BLL (Breaking Load Limit): 10 kN (approx. 2205 lbs)

## WARNING!

**The workload of a system and its breaking strength are determined by the weakest link in the chain.**

## SPECIFIC INFORMATION

Innovative aerial fabric hook designed and certified for maximum safety and ease of use. The CIRCUS DIVISION hook has a silicone-coated stainless steel core, hangs by means of a 15,75 inches lifting ring through the central hole fixed to the anchor point by means of a carabiner.

We always recommend the use of self-locking carabiners, but more experienced users can resort to the use of ferrules, which are much cheaper.

One of the notable advantages of this cylindrical design is that it allows fabrics to be secured using the CLOVE HITCH KNOT, the most recommended, safe and simple way to keep the two ends well separated, minimising the stress on the fabric itself. The 65 mm diameter silicone body and rounded profiles guarantee the best protection against wear and tear and stretching of the fabric in accordance with the criteria dictated by the manufacturer's certification, which recommends replacement in the event of signs of stretching and ladders.

The 0.39 inches thick silicone cover, for a total hook weight of 1.39 lbs, not only safeguards the fabrics but also protects the steel core from any shocks that may occur during use and transport.

The hook is certified for a load of about 330 lbs (150 daN) with a safety factor of 10:1, which means that the steel core can be subjected to a load of about 3306 lbs. Add to this the silicon protection, which with its elasticity cushions the effect of the load, and the fact that the whole system is suspended by a lifting ring certified to support up to approx. 9921 lbs (45 kN) and you can see at a glance that we are talking about the strongest and safest airline fabric hook so far.

## REVISION

In addition to the normal visual inspection carried out before, during and after each use, this product must be inspected by a competent person at 12 month intervals, starting from the date of first use of the product; a record of this date and subsequent inspections must be made on the product's lifespan sheet: keep this documentation for inspection and reference throughout the life of the product. Check the legibility of the product markings.

In the event of any of the following defects, the product must be taken out of service:

- Presence of cracks on metal parts;

# USER MANUAL

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- Permanent deformation of a metal part;
- Corrosion that seriously alters the surface condition (does not disappear after light rubbing with sandpaper).

If the article or one of its components shows signs of wear or defects, it must be replaced, even if only in case of doubt. Any element that is part of the safety system can be damaged during a fall and should therefore always be examined before being used again.

## **LIFETIME**

The life of the product is unlimited, provided that there is no cause for it to be taken out of service and that periodic checks are carried out at least once every 12 months from the date on which the product is first used and that the results are recorded in the product's lifespan sheet.

However, the following factors may shorten the life of the product: heavy use, damage to product components, contact with chemicals, high temperatures, abrasions, cuts, violent shocks, and errors in recommended use and storage. If in doubt that the product no longer offers the necessary safety, contact PLAY S.r.l. or the distributor.

## **TRASPORTATION**

Protect the product from the risks listed above.

## PRODUCT



## ANCHORING

**WARNING!** Always consult with experienced professionals to determine whether or not the ceiling or the beam you intend to attach your anchor point to is suitable for this purpose.

**PLATE WITH BOLTS  
THROUGH THE CEILING**



**PLATE WITH SCREWS  
IN THE BEAM**



**ANCHOR LOOP  
AROUND THE BEAM**



**WARNING!** The workload of a system and its breaking strength are determined by the weakest link in the chain. This means that you should always refer to the WLL and BLL of the SCREWS used for the installation.

## ASSEMBLY



- 1) Roll the fabric on itself in the central part where you find the product label to make it more slender and easier to handle.
- 2) Create a ring of approximately 4 inches.
- 3) Make a second ring to the left of the first one of the same size. It is important that the 2 rings are executed as in the photo.
- 4) Overlap the second loop (the left one) to the first one. The clove hitch knot is done.
- 5) Thread the hook through the knot. At this stage the fabric is still bulky.
- 6) Pull the ends together and adjust the knot so that it tapers and sits well between the two silicone edges.
- 7) Attach the 2 ends of the lifting loop to the carabiner. Once hung, the knot will be further tapered and automatically orientated in the correct position by applying your own weight.





# LIFE SHEET

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.....  
**1. Model**

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**2. Serial number**

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**3. Month/Year of manufacture**

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**4. Purchase date**

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**5. Date of first use**

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**6. User**

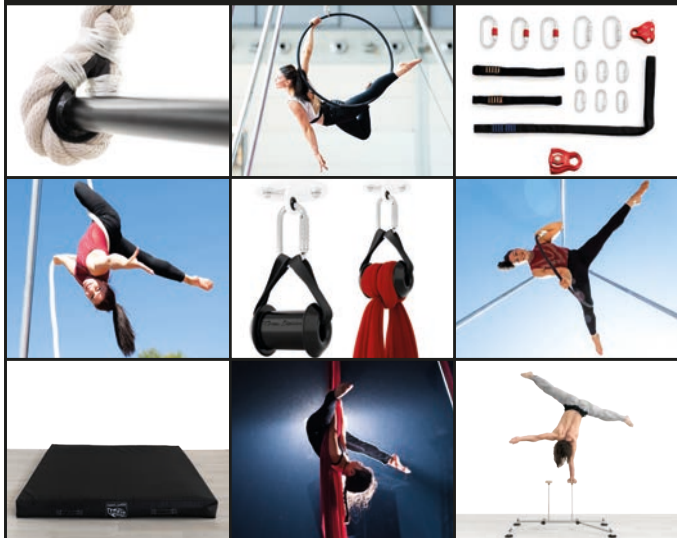
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**7. Comments**





WWW.PLAYJUGGLING.COM



**CERTIFIED EQUIPMENT FOR AERIAL  
ACROBATICS AND AERIAL DANCE**

**DESIGNED AND MANUFACTURED  
ENTIRELY IN ITALY**

★ *Circus Division*

is a registered trademark property of Play s.r.l.



Via Magenta 27, Lomagna 23871 (LC) - +39 039.5300351 - sales@playjuggling.com