



# **Krabat Pirat**

## **User Manual**



## Safety

All Krabat products are CE marked according to MDR 2017/745 and 93/42 / EØF, Class 1 of 14 June 1993 - Medical Device Directive. This certifies that it meets all relevant European safety requirements. This manual is approved according to these standards. The shelf life of the product corresponds to a lifespan of about 5 years under normal use. After about 5 years the product should be renovated by Krabat AS or an approved partner to extend the product's service life. All service must be performed by Krabat or an authorized partner.

**Products with electrical components must be submitted to Krabat for a technical review / overhaul before it is sent out to use again.**



The CE-label is to be removed if the product is modified, or non-original parts are used!



Adjustments not described in Krabat user manuals shall only be carried out by Krabat, or by personnel approved by Krabat.



Krabat products are not toys! Improper use may cause damage to both user and/ or the product.



## Warranty

Krabat provide a guarantee of 2 years for all products. This guarantee is aimed at defects in workmanship or materials. The guarantee may be reduced or waive if service or daily maintenance are not observed. It is the customer's responsibility to ensure that maintenance is carried out.

The warranty does not cover accidental damage, including damage caused by improper use or lack of maintenance. The warranty does not cover normal wear or wear parts.

The warranty is void if non-original parts are used, or if the product is repaired or modified by personnel not approved by Krabat.

<b>Revision history:</b>			
Revision:	Date:	Author:	Notes:
1.0	10.10.2016	A.L. Sørensen	Established
2.0	05.05.2021	Joachim Sørensen	Made new layout + added warnings and definitions

**The information in this manual was correct at the time of publication. The information can be changed by the manufacturer without notice, therefore go to [www.krabat.no](http://www.krabat.no) for updated instructions for use and updated technical information about the product at all times.**



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## 01 – General

*Krabat Pirat is a floating aid for use in training, therapy and play in water. The product allows the child to lie with a view ahead, and gives children and companions a better opportunity for contact and overview.*

*The child is safely supervised, has the opportunity to be independent in the water, and can take a greater part in what is happening around them. The use of the aid should be decided by the child's physiotherapist.*



Krabat Pirat comes in two different sizes.

Size 1 is basically suitable for children from 2 to 8 years, and size 2 is suitable for children from about 8 to 15 years.

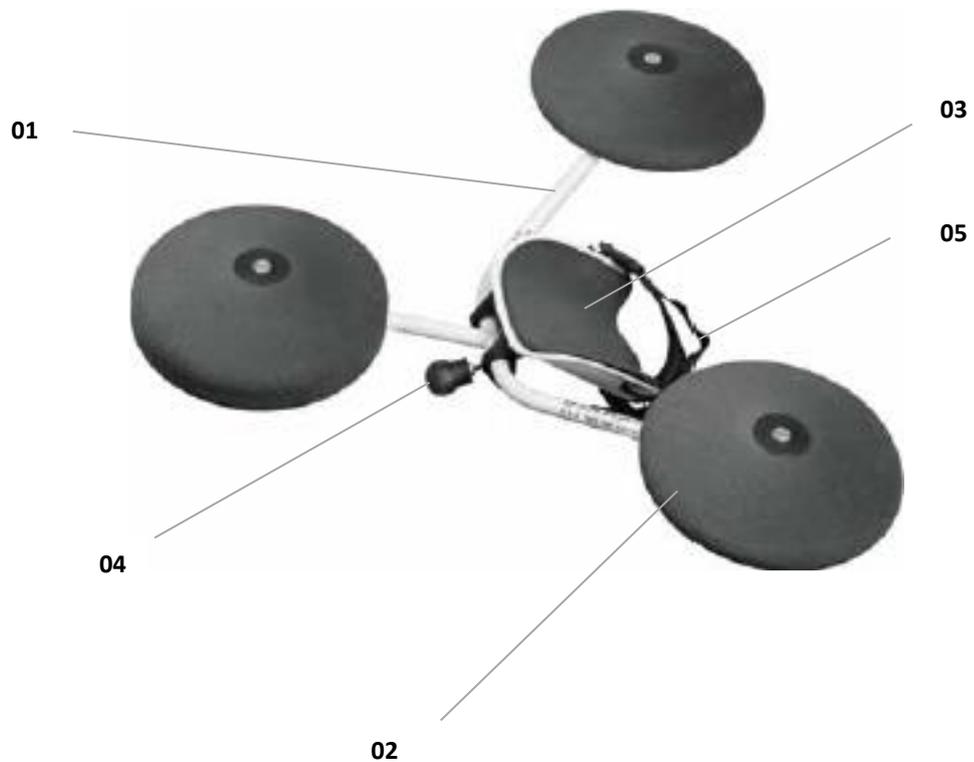
The product is equipped with positioning equipment consisting of trousers or straps based on 2 sizes. Extra padding for chest board, headrest and floats can be delivered if needed.

Krabat Pirat is made of materials that do not rust, and can therefore be used in swimming pools, fresh water and salt water. For hygienic reasons, the use of a bag for storage and shipping is recommended.



For Krabat Pirat to work optimally, testing with one of our therapists is recommended. This is to ensure the best possible adaptation before the child uses it. Do not use the aid if individual testing has not taken place. Also, do not allow other children to use the aid unless individual testing has taken place.

As the child grows, he may need a different size of Krabat Pirat, or other accessory for the product. Contact your child's physiotherapist if the product does not work optimally, or if you think adjustments are necessary.



## **02 – Main Components – Krabat Pirat**

***Krabat Pirat has the following main components:***

- 01** Frame
- 02** Floating element
- 03** Padded chest board
- 04** Adjustmentscrew to get the right angle for the chest support
- 05** Trousers or straps to hold the child in position

## 03 – Use

Put Krabat Pirat in the water with the chest board up. Check that trousers or thigh straps are securely fastened. Then loosen the clip fasteners for trousers or thigh straps. The baby is placed on his stomach on the chest board, with his head against the front float. The arms are stretched forward past the head. Then clip on the fasteners for the pants or thigh straps. Easy adjustment of these is done by pulling the end of the strap that is attached between the pants or thigh strap and the chest board. Always hold the child firmly before it is securely fastened. After the child has been attached, the product is ready for use. Never leave the child unattended.

The chest board can be adjusted down so that the user is almost in the water. The angle of the board is adjusted by screwing on the adjusting screw located under the board. This operation can be performed at the same time as the child is placed in the product.

## 04 – Adjustment

### Individual adjustments

As the child grows, the need for size and weight changes. Some adjustments described can be performed by a companion. If the product no longer works optimally or if major adjustments are necessary, the child's physiotherapist should be contacted.

If necessary, contact Krabat AS to make the right adjustments.

Only the size of the chest board defines whether the product is size 1 or 2.

**The frame is the same for both sizes.**

**See also descriptive video of Krabat Pirat at [www.krabat.no](http://www.krabat.no)**

## Adjustment and placing of the chest board

The chest board can be adjusted in 2 heights. The setting determines how high or low the child should be in the water. The height is adjusted by changing the attachment point for the board on the frame. There are two sets of hole patterns that can be used. Here are 4 screws that are loosened and fastened again in the desired position. Upper hole pattern gives lower position and vice versa. (see Fig. 02). This applies to both sizes. The same screws are used when changing size 1 chest board to size 2 chest board.

The angle can be adjusted from a standing position to a lying position. This is done by turning the "adjusting screw" to the desired position (see fig. 03).

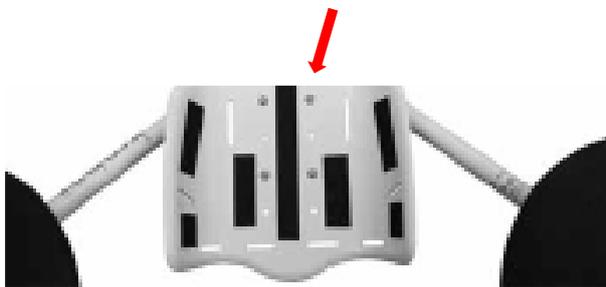


Fig. 02 – Hole pattern for board adjustment



Fig. 03 – Adjusting screw for adjusting the angle of the tray.

## Attachment and adjustment of trousers and thigh straps.

The trousers have two sets of anchors. (Fig. 04) One outer set and one inner. Use the set that fits best. In general, the outer set for large children is used, and the inner set for small children. This applies to size 1 and size 2.



Fig. 04 – Anchor on the trousers

The trousers can only be fastened in the two middle slits on the chest board. (Fig. 05) This applies to size 1 and size 2.

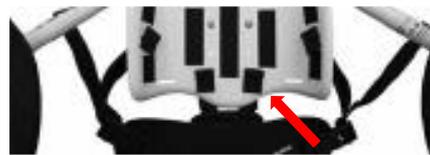


Fig. 05 – Inserts for the anchor

When the child is placed in Krabat Pirat, you loosen two clips, position the child, attach two clips, and adjust the length by pulling the straps. PS: This applies to both trousers and thigh straps.



Fig. 06 – Fastening / adjustment of trousers and thigh straps

The thigh straps have two sets of anchors (see fig. 07). An outer set and an inner set. Use the set that fits best. In general, the outer set of large children is used, and the inner set of small children. This applies to size 1 and size 2.



Fig. 07 – Thigh straps anchor

The thigh straps have the same attachment as the trousers, except that the thigh straps are mostly fastened in the outer slots on the board (see fig. 08). This results in greater abduction. If necessary, the inner slots can also be used.

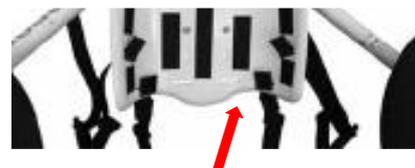


Fig. 08 – Fastening of the thigh straps

## 05 – Accessories

There are some accessories available, eg back strap, headrest, upholstery cover for all floats and chest boards, new pillows and bag.

See [www.krabat.com](http://www.krabat.com) for an updated list of accessories.

Most of the accessories are delivered with their own user and installation instructions.

If you need accessories or other custom equipment for Krabat Pirat, contact a Krabat representative or a Krabat-approved therapist for installation and adjustment.

## 06 - Maintenance

**Always rinse the product with clean water after use.** It can also be washed with mild soapy water. For hygienic reasons, use of the accompanying bag on the product when not in use (optional). Check regularly that there is no damage to the product that could impair the safety of the user.

For general transport of Krabat Pirat, the use of an accompanying bag is recommended to prevent damage to the product. For air transport, it is recommended to pad Krabat Pirat extra well, with, for example, bubble wrap, and send it as special luggage.

**This is a personal product, individually tailored according to the medical requirements and requirements of each user. No regular maintenance is required, except for mandatory rinsing after use.**

Wash product components if necessary. Follow regular hygiene advice and keep the product clean at all times.

The pillows are attached to the product with Velcro. Advice on removing stains can be found at [www.krabat.no](http://www.krabat.no).

All moving parts are maintenance-free and should not be lubricated. In case of inertia in the parts, contact Krabat.

**To avoid damage, no part of the product should be repaired or maintained while in use.**

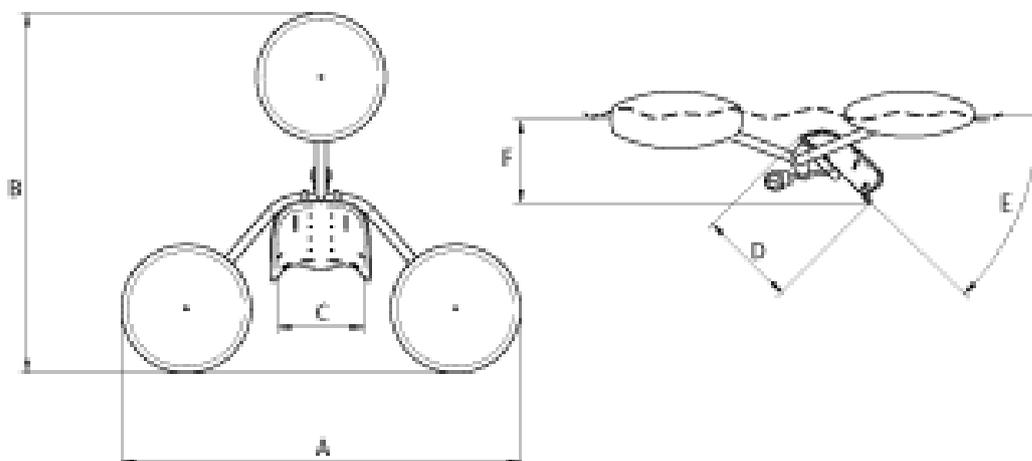
NOTE: If any part breaks, breaks, or is obviously damaged, stop using the product and contact authorized personnel for service or appropriate corrective action.

## 07 – Individual adjustments

If for any reason the product needs special customization, please contact a physiotherapist or occupational therapist. Adjustments to the unit must be made by qualified personnel or Krabat AS.

**Under no circumstances may the user make changes to the product.**

## 08 - Technical data



	Description	Size 1:	Size 2:
<b>A</b>	Total width	104 cm	104 cm
<b>B</b>	Total length	94 cm	94 cm
<b>C</b>	Width on board	23 cm	28 cm
<b>D</b>	Length on board	25 cm	35 cm
<b>E</b>	Angle adjustment	0 – 90 °	0 – 90 °
<b>F</b>	Deapth in water	14 - 30 cm	17 – 40 cm
	Weight	2,8 kg	3,0 kg
	Age	Ca 2-8 years	Ca. 8-18 years
	Max user weight	70 kg	70 kg

## 09 – Warnings and definitions

### *General warnings:*

#### ***Suffocation/ strangulation:***

In normal use, when the user is positioned right and secured, there are no strangulation- or entrapment hazards. NOTE – since the product is used in the water, the environment will pose a significant choking hazard. **To avoid possible suffocation hazard, never allow a child to use Krabat Pirat without the supervision of an adult.**

#### ***Entrapment/ pinching:***

When the child is in the product when it is in use, there is little danger of squeezing. To reduce the risk of crushing events, make sure no one is near moving parts when adjusting the board. To further prevent the possibility of dangerous incidents related to Krabat Pirat, the product should never be left unattended.

#### ***Danger of tipping:***

There is always a real danger that a product may tip, as long as you do not comply with restrictions set by a therapist with training from Krabat, information that accompanied the product or information available on Krabat.no. A general rule is that any movement outside the "footprint" of the product towards the surface can pose a risk of tipping. In the water, there is a greater risk that this may happen. And the higher the user is placed above the water surface, will also affect the possibility of tipping. The same applies if additional components are fitted. To prevent the possibility of such incidents, one should avoid this, as well as **never leave the child in the product without supervision.**

#### ***Definition of parts used:***

***The definition of parts used are parts of the product that come into contact with the USER during normal use / to perform its function.***

Definition of parts used are: Floating aid including pillows, head restraints, straps and textiles.

## Transport and storage

During transport and / or storage, Krabat Pirat should remain operational in normal use within its specifications after transport or storage in the following temperature ranges:

- -25 ° C to +5 ° C, and
- + 5 ° C to +35 ° C at relative humidity up to 90%, non-condensing;
- 35 ° C to 70 ° C at water vapor pressures up to 50 hPa

after the product has been removed from packaging and then between uses.

**Note:** Krabat Pirat should be kept indoors.

## Environmental impacts during use

When the Krabat Pirat is to be used, it must be used under the following environmental conditions:

- In temperatures between + 5 ° C to + 40 ° C;
- At relative humidity of 15% to 93%, non-condensing
- At an atmospheric pressure between 700 hPa to 1,060 hPa

**This product is classified for non-continuous operation.**

### **Use after storage:**

If Krabat Pirat is stored cold (below 0 degrees Celsius), wait 20 minutes before using the chair.

If the Krabat Pirat is stored in a warm place (above 50 degrees Celsius), all surfaces must be allowed to cool to ambient temperature before placing the child in the product. Wait 20 minutes before using the product.

### **Avoid burns and scalding:**

If the Krabat Pirat is left in direct sunlight, move the product away from direct sunlight and check that all surfaces of the product have reached an acceptable temperature before placing the child in the product.

**Recycle components and materials in accordance with local, state, and national regulations.**

## Explanations of symbols

Explanation of the various symbols used on the product and in this manual:

Symbol	Importance	Importance	Expanations
	Symbol for use worth marking medical equipment.	<b>Producer</b>	Indicates the manufacturer of medical devices
	Medical electrical equipment - Part 1: General requirements for basic safety and essential performance	<b>See instructions for use</b>	Indicates the need for the user to see the user manual
	Medical electrical equipment - Part 1: General requirements for basic safety and essential performance	<b>See instructions for use</b>	<b>See instructions for use</b>
	General warning sign	<b>Warning: read all warnings and safety rules in the operating instructions</b>	When a user is sitting in the chair and the chair is to be moved, e.g. from room to room, it is NOT recommended to do this with the seating unit in the highest position. To prevent accidental tipping, never move the chair when the seat is in the highest position.
	Medical electrical equipment	<b>Type BF applied part</b>	<b>Identification of type BF applied part according to IEC 60601-1.</b>
IPN <sub>1</sub> N <sub>2</sub>	Medical electrical equipment - Part 1: General requirements for basic safety and essential performance	<b>Degree of water and dust penetration</b>	<b>Manufacturer-determined degree of particle and water ingress protection.</b>
	Symbol for use In marking electrical appliances	<b>Kun til innendørs bruk</b>	<b>To identify electrical equipment designed primarily for indoor use.</b>
	Symbols for use in the labelling of electrical devices.	<b>Risk class 2</b>	<b>To identify electrical equipment designed primarily for indoor use</b>
	The requirements for accreditation and market surveillance relating to the marketing of products; Medical Device Directive	<b>CE marking</b>	Signifies European technical conformity.
	Symbol for use in the labelling of electrical devices.	<b>Do not throw in general waste</b>	Highlights that you should not place the electrical item in the general waste (it should be taken to a local recycling centre)
	Symbol from the certified body that performed tests	<b>Certification mark</b>	Certification mark that signifies that this product is certified to meet requirements of US and Canadian electrical safety standards.
	Safety sign to prohibit sitting on a surface.	<b>No sitting on surface</b>	To identify surfaces/ parts that are unsuitable to sit on.
	Safety sign to prohibit stepping onto a surface.	<b>No stepping on surface</b>	To identify surfaces/ parts that are unsuitable to step on.

## Warranty

Manufacturer of KRABAT products, Hepro AS avd KRABAT - hereinafter referred to as KRABAT - which has its place of business in Ravnsborgveien 56, 1395 Hvalstad, Asker, Norway - gives the buyer of a KRABAT - product the following product guarantee, hereinafter referred to as «WARRANTY»:

1. This WARRANTY is given under the strict condition that the buyer and any person who buys gives access to the KRABAT product complies with the following SAFETY PRECAUTIONS:
  - I. Always read and understand the accompanying operating instructions for the product before using the product.
  - II. The KRABAT product is only intended to be used for its intended purpose in accordance with the KRABAT instructions for use for the relevant KRABAT product.
  - III. Children or other users of KRABAT product must always be supervised by adults.
  - IV. Make sure that the hip belt (seat belts) are properly fastened and work properly. Periodically check that the hip belt is securely fastened to the KRABAT product.
  - V. Always use KRABAT products in consultation with a local physiotherapist or occupational therapist.
  - VI. The KRABAT product is not a toy. Do not allow children or others to play with the KRABAT product as it may cause injury to persons and / or product
  - VII. When the KRABAT product is not in use, store it so that it can not be misused or cause harm to others, to the KRABAT product and its functions.
2. Subject to compliance with the terms of the WARRANTY, KRABAT warrants that the KRABAT product for a period of one (1) year (the warranty period) from the time of purchase of the KRABAT product, that the KRABAT product shall function in accordance with the intended purpose as stated in the KRABAT instructions for use after purchasing the KRABAT product.
3. Should any damage or defect occur in the product during the said warranty period, KRABAT will offer assistance within a reasonable time. The defect is corrected by either KRABAT or a third party approved by KRABAT either by taking the product for inspection / repair or forwarding spare parts for replacement provided that the buyer of KRABAT product without undue delay after becoming aware of defects, has notified KRABAT in writing or a representative authorized by KRABAT about defects / deficiencies that are discovered. KRABAT reserves the right, at its discretion, to forward a new product instead of carrying out repair work if the product has defects / errors. When forwarding spare parts, parts that need to be replaced or a new product (unit?). When sending spare parts, parts to be replaced or a new product, KRABAT or authorized representatives are considered to have fulfilled their obligations when the relevant parts or product have been made available for collection at the place where the original KRABAT product was sold.

4. In the event that a defect is not remedied,

I. Buyer is entitled to a reduction of the purchase price in relation to the reduced value of the KRABAT product, provided that the reduction of the purchase price, under no circumstances, exceeds fifteen (15%) percent of the purchase price for said KRABAT product, or

II. Where the defect is so significant that it deprives the buyer of a significant advantage of the purpose of the purchase, the buyer may cancel the purchase on the basis of the defective KRABAT product. If the buyer has suffered a loss, the buyer may be entitled to a refund of a maximum of fifteen (15%) of the purchase price for the said KRABAT product.

5. THIS WARRANTY MAKES NO WARRANTIES OTHER THAN THE WARRANTIES GIVEN UNDER THIS WARRANTY.

6. For the avoidance of doubt. This WARRANTY does not cover any liability by KRABAT or KRABAT's authorized representatives for indirect losses or consequential damages incurred by the buyer or person who gave access to the product by the buyer, knowingly or unknowingly.

7. This WARRANTY does not apply when the KRABAT product is supplemented with or has been supplied with parts that have not been produced by KRABAT or parts produced or delivered by others where the use is not authorized in writing by KRABAT.

8. KRABAT is only responsible for errors that occur under operating or operating conditions that are stipulated in the operating instructions for the relevant KRABAT product.

9. KRABAT shall not be held liable for defects caused by incorrect maintenance, incorrect adjustments or repairs performed by anyone other than KRABAT or a representative authorized by KRABAT or for changes to the KRABAT product that have been made without the written consent of KRABAT.

10. This WARRANTY does not cover normal wear and tear

11. KRABAT is under no circumstances responsible for defects or damage to parts of the KRABAT product for more than two (2) years after delivery.

12. Except as provided in this WARRANTY, KRABAT, as well as KRABAT's authorized representatives, shall not be held liable for defects in any KRABAT product. This applies to any loss including production loss, loss of profit or other indirect loss.

**Hepro AS, avd. Krabat**

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