

**xcat**  
MULTI-SPORT-CATAMARAN

**ROW&SAIL**







# EMOTION IN ACTION. EXPERIENCE X-CAT!

## **THE BEST PRODUCT CAN BE MADE ONLY WHERE PEOPLE WORK WITH ENTHUSIASM AND A DEDICATION TO DETAIL.**

We have these people at Row & Sail. The founder of the company, Jochum Bierma, works together with a team of experts, each of whom is dedicated to perfecting each detail of their tasks until an optimum product is formed from the sum of its parts. The main thing is that we are not under pressure during development.

We have already invested several years in the development of the X-Cat. That is how long it takes to launch onto the market a unique boat that sets new standards in every sector rather than copying something that already exists.

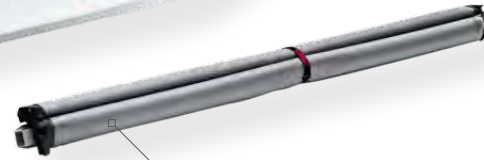
Innovation is only possible if you question things that have always been a certain way and which many people believed could not be improved. At Row & Sail, quality begins with the selection of the best materials, with details that others do not even notice, and in particular with testing the actual product to such an extent that we are one hundred percent sure that even the most critical customer will be satisfied with the final product.

# THE X-CAT

5 COMPONENTS. 1 BOAT.  
55 KG TOTAL WEIGHT.



**17.5 KG**  
Weight per hull



**15 KG**  
Centre beam with trampoline



**2.5 KG**  
Weight per cross beam

**No tools required. Can be transported on a standard car.**  
**Real flexibility and mobility.**

The X-Cat Basic consists of just five parts that you can easily transport and stow with any normal car. Two hulls, two cross-bars and centre section - consisting of the trampoline and side beams. It all adds up to precisely 55 kilograms. 5 parts with a total of 55 kilograms that you can carry, transport, assembly and dismantle all on your own. **None of the individual parts weighs more than 17.5 kilograms.**



**The hull is packed with inspiration, several shining examples and a load of advantages.**

A racing scull was the inspiration, the flow lines provided by nature the shining example, while the advantages we hope you will never fully find out. Each X-Cat hull is filled with EEP particle foam, making them unsinkable and virtually indestructible. The design of the hull is based on a rowing scull and in terms of flow lines follows the best designer in the world - mother nature. This makes the X-Cat fast, capable of bearing heavy loads and extremely energy-efficient.

## Tensions itself automatically, without assistance and without interrupting your fun.

The X-Cat trampoline is an innovation in itself. Like every good invention, our patented trampoline is designed for a specific purpose: it is efficient and saves time. The trampoline on the X-Cat tensions itself automatically when the side beams are fitted. Fast, efficient, and no interruption to having fun with the X-Cat.



## The X-CAT BASIC (assembled in 2 minutes).



Serious fun, laid-back go-getter, specialist for multi-functionality. You could almost say that these attributes do not go together. Yet the X-Cat brings them together in a way that you would not expect from a boat in this class. The X-Cat is a true "multi-sport catamaran" that does not limit you to one discipline. The starting point for all model options is the X-Cat Basic. From there you can add-on whatever you like, anytime. Discover the X-Cat - probably the most versatile catamaran you have ever seen!



Easily transportable on car roof



Max. 3 persons



No tools required



Assembled in less than 2 minutes



Total weight of all 5 components is just 55 kg



Length: 5 m



Width: 2.2 m



Load capacity: 270 kg



# X-CAT SAIL

MOBILE SAILING CATAMARAN  
WEIGHING JUST 75 KG

The sail option expands the engineered design of the X-Cat with all you need to set sail immediately. Sailing is exciting and on the water you are free! As the wind gets up you can immediately feel the X-Cat's acceleration. It responds beautifully to the rudder and to shifts in weight. Move forwards to luff-up and move back to empty the sail. Just like windsurfing, the X-Cat has built-in control characteristics. This also promotes our principle of offering you a boat that you can operated entirely on your own.

## Wind, set, go!


The X-Cat does not need a keel. The lee hull cuts into the water and prevents drift to a great extent. A huge advantage, because the boat is less susceptible to damage and can be easily beached without having to raise a keel.

For the X-Cat you do not need a sailing licence (apart from on a couple of lakes in Germany), although we recommend you research basic sailing skills (books, internet, videos) or attend a sailing course so that you can enjoy your catamaran to the full extent of its capabilities.

- > Length: **5 m**
- > Width: **2.2 m**
- > Load capacity: **250 kg**
- > Mast length: **4.5 m**  
(2 sections)
- > Mainsail: **5.2 m<sup>2</sup>**
- > Jib sail: **3.2 m<sup>2</sup>**
- > Total sail area: **8.4 m<sup>2</sup>**
- > Design category: **C**

 Fully rigged in 10 minutes

 Boat + set of sails only 75 kg

 Max. 3 persons

 No tools required

 No sailing licence required



## Ingenious components for a completely new experience.

A handful of simple components form the X-Cat sail option. Parts that are ingeniously designed so that you can handle them immediately without training.

During the development of the X-Cat we strived to make everything as simple as possible so that you can start using your X-Cat immediately and concentrate on what you want to do: sail, without spending valuable time on training, sailing courses or sailing terminology.



### Extremely robust and super-light

Many of the X-Cat sail option parts are manufactured using super-light yet super-strong carbon fibres, giving this awesome boat its unmistakable characteristics.



## Clean, motorized mobility for the X-Cat.

Power your X-Cat effortlessly and with minimum environmental impact using the 'eProp' model option. The motor is exceptionally quiet, very energy efficient, lightweight and easy to operate. The watertight Li-Ion battery cannot sink and has a designed capacity of 400 Wh (11.2 Ah). The designed range on a single charge is 25 km at an average speed of 7 - 8 kph. The battery is perfectly placed on the centre beam. The 'eProp' can be pulled up with one hand. Then you can sail without the resistance of the propeller or the motor.

From the 3rd or 4th quarter of 2014, two versions of the 'eProp' model option will be available.












# X-CAT ROW MOTION

## CLASSIC ROWING OPTION WITH SLIDING SEAT FOR THE X-CAT

With just a few components you can turn your X-Cat into a full rowing boat so that you can continue to enjoy being on the water even when the wind drops. Thanks to its stability in the water it is ideal for beginners too: get out onto the water and get going!



**Sport, health and taking it easy. Yes, they do go together.  
At least with the X-Cat they do!**

-  Ideal for entry-level boaters - no prior knowledge required.
-  Fast rowing with minimum effort.
-  You stay dry while you are rowing so it is ideal for year-round use.
-  Thanks to the catamaran design the boat floats smoothly and safely.
-  With two loungers to relax and sunbathe.
-  Anybody who feels reasonable fit can row an X-Cat - from young to the young-at-heart.
-  Easy to transport.
-  Fitted without any tools being needed
-  Ultralight, like everything on the X-Cat



## Get started now!

Like all X-Cat model options, this system is modular in design and can be fitted without tools. The adjustable rowlocks feature a quick-fit system so you can mount them in 2 positions on the side beams - no tools required. The foot stretcher unit is inserted onto the centre beam and adjusted to the length of your legs.

The sliding seat runs smoothly and quietly along the centre beam on six ball bearings. An adjustable stop for the sliding seat is included and means that you don't need uncomfortable foot straps. From now on you can enjoy being on the water in barefoot comfort. Original X-Cat oars with 50% carbon fibre content, anodised aluminium shaft and blue Martinoli handles are supplied with original X-Cat sleeves (for effortless rotation), adjustable collars and black carbon fibre-reinforced blades.



## Effective rowing for beginners. Athletic capabilities for professionals.

Thanks to the simple design of all parts, beginners can get going as soon as they have their new X-Cat using the Row Motion option. Effortlessly - no previous experience needed.

Rowing athletes and people who have previously paddled kayaks and canoes will love the X-Cat too. The professional rowing style is great fun and the high stability of the X-Cat sets it apart from other boats in this class.

# X-CAT ROW MOTION PRO

## HIGH-TECH FORWARDS ROWING SYSTEM FOR BEGINNERS & PROFESSIONALS




Row in the direction you are facing without loss of energy. These are the words that best describe this innovative and ingenious system. Precision components made from the highest quality materials and mounted on ball bearings for a system with which we have reinvented rowing. Very easy for complete beginners to use and no training is necessary. Rowing athletes will also enjoy seeing what this system can do.



### Never look round again to see what is coming. Innovative and easy.

There was one thing about rowing we always found annoying: constantly having to turn your head to see where you are going. That is now all behind you! With the Row Motion Pro forwards rowing system you can now row in the direction you are facing.

And there is another advantage: the blade of the oar rotates automatically into the horizontal position when it moves out of the water. As soon as the oar lifts out of the water it rotates when the handle is pressed downwards. We call this patented system ABR - Automatic Blade Rotation. Rowing is much easier to learn with the Row Motion Pro system than with conventional-style rowing because the ABR system ensures an efficient rowing action.

-  Can be transported inside a car or on the roof rack.
-  Absolutely no tools required to fit to the X-Cat.
-  Weight of Row Motion Pro system only 5kg per oar

## Rowing. Completely reinvented.

We have reinvented rowing with the Row Motion Pro forwards rowing system. Row in the direction you are facing without energy loss with the same efficiency as conventional rowing and with a major advantage: thanks to our patented ABR system, the oar blade rotates automatically into the horizontal position on leaving the water. As soon as the oar lifts out of the water it rotates when the handle is pressed downwards.



5 COMPONENTS + BAG  
TOTAL WEIGHT 13.5 KG



## High-tech for maximum energy efficiency.

The high-quality joint system features 6 ball bearings. The handle shaft and blade shaft can be folded up and are self-locking.

With a length of 2.35 metres when folded up, they are easy to transport inside your car, or on the roof rack. The enormous efficiency of Row Motion Pro without power loss demonstrates the enthusiasm and precision that has been invested in the development of each individual component. This X-Cat model option is also a true lightweight: the Rowmotion Pro System weighs just 5 kilograms per oar.

## In a class of their own.

The oar units alone used on the Row Motion Pro system are in a class of their own. The lightest carbon-fibre materials with maximum strength are designed to promote the best functionality.

Thanks to their ingenious shape, they form the perfect basis for the rowing sequence to deliver maximum energy efficiency.





# MOBILITY

**The world's first catamaran with solid hulls that you can transport on the roof of your car.**

Something we are especially proud of. That we - in spite of our demand for high performance - have managed to develop an item of sports equipment that one person can assemble and transport on a conventional car. By that we do not mean a six-foot-six athlete, but anybody.



## Secure fit, sure fun.

To transport your X-Cat you do not need a boat trailer, or a special roof rack or a qualification as a removal specialist. All you need are a couple of accessories for your roofrack that make transporting your X-Cat on the roof of your car safe and easy. What is the point of a great boat if you spend more effort transporting it than having fun out on the water? At Row & Sail we have made sure during the development of the X-Cat that you can quite easily - and above all, very quickly - get the most out of it the moment you want to. After all, not many of us have a house on the lake.



**Roofrack accessories # 980 807**  
for VW and other makes, 2 support profiles, connection units,  
2 straps (25 mm x 2.6 m), 2 straps (18 mm x 1.25 m)

## Everything you need to transport your X-Cat.

Everything you need to transport your X-Cat on a standard car roof rack is included when you buy the X-Cat transport kit.

There is nothing else that you need so that you can start having fun on the water as soon as you have decided to use your X-Cat.



## Tools are what you use at work, or for DIY jobs. Not in your leisure time.

Every component is engineered so that you never need to use tools to assemble or dismantle your X-Cat. Except the best tools in the world, but then you are carrying these around on the end of your arms anyway. All you need is your hands to fix or release the connections on an X-Cat, quickly and with very little effort.











# X-CAT ACCESSORIES

FROM THE PRACTICAL  
CARRY-ALL BAG TO THE ANCHOR



**Roofrack accessories # 980 807**  
for VW and other makes, 2 support profiles, connection units, 2 straps (25 mm x 2.6 m), 2 straps (18 mm x 1.25 m)



**Launching cradles # 980 416**  
2 units, each with 2 pneumatic tyres dia. 260 x 85 wide



**Launching trolley # 980 421**  
with full-width axle and two pneumatic tyres dia. 400 x 100 wide



**Strap 25 mm - 2.6 m # 980 407**  
**Strap 18 mm - 1.25 m # 980 408**



**SUP carbon paddle # 980 003**  
adjustable paddle (180 to 220 cm) with carbon shaft for Stand Up Paddling

**SUP aluminium paddle # 980 004**  
adjustable paddle (180 to 220 cm) with aluminium shaft for Stand Up Paddling



**Stainless steel anchor # 980 405**  
with 15 m line, karabiner and soft-shell bag  
**Cast iron anchor # 980 406**



**Universal outboard bracket # 085 803**



[www.x-cat.com/addons](http://www.x-cat.com/addons)

Please visit our website  
for the latest X-Cat accessories!



**Long Bag 2.55 m x 0.4 m # 980 005**  
for transporting RM Pro Forward rowing oars  
and/or Sail option



**Cross-Bar-Bag 2.20 m x 0.4 m # 980 006**  
for stowing and transporting the aluminium  
cross-bars and/or Sail option



**Small Bag 0.4 m x 0.3 m x 0.2 m # 980 007**  
for roller seat, foot board and stopper (with enough  
space for extra accessories), included with RowMotion Pro



**Dry-Bag # 980 018**  
rugged red TPU bag with X-Cat logo;  
keeps contents dry! Volume approx. 30 dm<sup>3</sup>



**Velcro strap # 980 017**  
for strapping together various X-Cat components,  
550 mm long and 30 mm wide



**Fender seat # 980 401**  
acts as a fender when docking  
or as a seat on the trampoline

**Fender seat (double) # 980 404**



**e-PropA # 085 802**  
with clip-on mounting and tiller;  
available from the 3rd or 4th quarter of 2015



**Separate rudder # 084 406**  
extra rudder for model options Sail 8.4 + e-PropS









**XCAT**  
ARATH-SPORT

MORE INFORMATION AT:  
**[www.x-cat.com](http://www.x-cat.com)**

**Design and manufacturing:**

**Row&Sail GmbH**

Gewerbezeile 9, A - 4040 Lichtenberg/Linz, Austria

Mobile: +43(0)699 1812 4885, Tel.: +43(0)7239 20275 516, Fax: +43(0)7239 20275 30

[office@rowandsail.com](mailto:office@rowandsail.com) and [jb@x-cat.com](mailto:jb@x-cat.com)

**[www.x-cat.com](http://www.x-cat.com)**