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#EXPERIENCEGREATPADDLING



CATALOGUE

boats - K1 slalom

K1 - SLALOM BOATS

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FLOW

The first boat coming from ideas of one of today's best kayakers in the world Vít Přindiš was the RAD model. On that boat he became the overall World Cup winner that season and won medals at World and European Championships as well. As a follow up design, evolutionary step if you want, comes FLOW. Right after Vít settled in this boat, he won European Championships and now continues in bringing medals and solid results from everywhere. FLOW, when compared to CAIPI FINS, is not as "wild" boat, but it is very fast and steady on course. It turns really well and if the paddler prefers not to have his bow tip in the air all the time, FLOW might be the boat for him. Just watch some of latest Vitek's runs or videos and you'll see, that race can be won with calm looking run with no unnecessary risks.



CARBOLIGHT

PROFI

FLEXIBLE

MIXT

DIOLEN

CAIPI Fins

CAIPI FINS is one evolutionary step farther from CAIPI model, which had been developed in cooperation with French top athlete Boris Neveu, who claimed World Championship titles in 2014 and 2021. Even though making improvements on almost perfect boat was nearly impossible, the result proved worth the effort with the success it immediately earned among kayakers worldwide. Some cosmetic adjustments were made to CAIPI - we made the hull little rounder at about 80cm from the bow's tip. The stern was slightly modified for better turning. Thanks to these basically minor changes turning abilities improved, but the fins made the boat stick in your line and not oscillate or wiggle out during acceleration. Integrated fins were designed to comply ICF rules and regulations.



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CAIPI

CAIPI is a model developed in collaboration with French top athlete Boris Neveu, who won World Championships in 2014 and 2021, also hold European Title from 2015. CAIPI was based on TIK TAK, compared to which the cockpit was moved few centimeters further back, stern deck behind the cockpit was lowered and the widest part of the boat was made longer in order to maintain the volume. The result of these changes formed nearly perfect slalom boat, that is easily maneuverable, holds the course and hardly finds competition in turning abilities. Joe Clark won Olympic Gold in Rio in 2016 paddling CAIPI



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OMAKASE

Just like with the Japanese term „Omakase“, with which you leave the meal selection to the chef, with this boat you take your chances from our main K1 boat designer Boris Neveu, two-time world champion and European champion. OMAKASE is an upgrade of the CAIPI FINS kayak, also developed by Boris. It is not a replacement for very dynamic CAIPI FINS, which will still continue to have its customers. It is another step further to create a boat, that would have similar characteristics to CAIPI FINS, but without having the fins at the hull. Some customers are skeptical about the fins and still prefer smooth hull and we so we wish we could help. In order to replace fins but keep the boat characteristics same, the angular hull profile was implemented, which made OMAKASE great at holding the line, doesn't tend to swing back and forth on the course or during acceleration. Making the hull wider in an area formerly adopting fins the kayak gained some more on stability. Rear part of the cockpit area was lowered 10mm compared to CAIPI FINS, so it is very easy to recline without hitting the cockpit edge with your back or pfd. The deck in front of the cockpit was made more flat to make pushing the boat under the gate posts easier. Due to additional minor changes in the stern area, the turning abilities changed for the better as well.



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FUGU

Many customers kept finding advantages in TIK TAK boat and couldn't just say good bye to this boat, so they had been trying to improve it. They desired the boat to hold its course without losing its turning abilities. They had been searching for solution other than using the fins. One of the best junior kayaker in the world Lukas Stahl of Germany and a slalom legend Vavra Hradilek of Czech Republic had worked with similar goals and after a long development period, FUGU was created. It basically keeps the shape of TIK TAK, but with modifications on its hull sides to make the boat stick with the line better without losing anything in turning. Due to slightly added volume in the modified area the boat gained better acceleration from pivot turns..

Don't get fooled by its name inspired by fish used for japanese culinary adventure.. But just as with the meal, the spotty contents of poison makes the experience so special and intense.



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TIK TAK

TIK-TAK is the predecessor of Caipi ships. The first boat on which two-time French kayak world champion Boris Neveu worked. With its balance and dynamic concept of driving, it was the most successful ship in the world in its time. Today, its shape has already been surpassed, but considering that the difference between TIK-TAK and the latest models is not so significant, we have kept the production of these boats in the MIXT and DIOLEN versions.



MIXT

DIOLEN

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MEXXL

MEXXL is a kayak specifically designed for the „big boys“, making it quite unique on the market. The aim was to deliver smooth functional boat for even really big kayakers, providing fun sensation on the water without feeling like pushing a barge. The model comes from SONIC ALX and all had been made with paddlers of 100 kg and more in mind. Thanks to this boat, almost anybody can paddle a slalom kayak.



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SONIC BOOM XXL

Sonic Boom XXL comes from the five times world champion David Ford's design shop. His idea was to design an „easy“ boat, that would make him enjoy paddling towards the end of his career. His first kayak from this approach was SONIC, later modified into SONIC BOOM. The boat was typical with easy handling and due to the hull shape it was quite forgiving. Because at the time it was perhaps the most successful boat on the market, we decided to deliver this boat to the biggest and heaviest slalomers too. Those who take training and racing more as an activity for fun. Thanks to this boat, you can be over 100kg and still not feel like in a submarine.



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BARBUSA

BARBUSA is a boat for children, that aims to prepare young champions. It is the smallest boat that meets the ICF size standards and allows to practice correct movements and principles in slalom. Its shape corresponds to child's body anatomy and thus brings high quality experience from paddling to the young cadets and juniors. The emphasis was put on easy control over the boat and its stability, which would not be appreciated just by the paddlers, but by their parents and coaches as well. In the Carbolite version it is intended for the most demanding youngsters. Suitable for kids from 9 to 13 years old up to 50 kg.



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DINO

This boat is suitable for the youngest paddlers. It was never so easy to begin! You can use this boat for your children from 5 to 9 years. We have made big effort to produce such a perfect shape that would fit to this small champions. Choosing the design that your child will like is the only one thing you have to do. Suitable for kids up to 30kg.



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ANIK

Boat for those who have grown out of DINO minikayak, but still haven't reached the size of junior racers. ANIK was designed by Canadian coach, former olympian, Michael Holroyd. Mike succeeded in changing the rules in Canada for the youngsters under 14 years of age, so that they can paddle kayaks appropriate for their size, not having to follow strict ICF requirement using same-sized boats for all athletes across the age spectrum. Therefore CAIPI platform was used and slightly shrunk, creating ANIK at 316 cm in length and 57 cm in width. Not too many people know the name ANIK came from first two letters of Mike's kids. Cockpit is about 4cm smaller compared to „senior“ boat, which makes regular sprayskirt fitting just fine and securely, when putting it on is slightly easier. Kayak perfectly suits kids ranging from 25 to 45 kg. Thanks to this design, younger lighter kids can learn faster and implement the moves and tricks that otherwise, due to their lighter and shorter bodies, they would be just dreaming about in a bigger boat. Maybe ANIK will help to raise new world champions. In the Czech Republic, all children over 11 years of age can race only ICF compliant boats – kayaks must be 350 cm long and 60 cm wide.



CARBOLIGHT

PROFI

FLEXIBLE

MIXT

DIOLEN

The colour sampler for boats

The price of the boats includes a simple combination of maximally two colours without the use of the stencil foil. If you wish to have your colour design, send us please a picture and then we will let you know whether we are able to produce it and for what extra charge.

Also we would like to call your attention to the fact that even if you let us know the exact RAL number of the colour that in the case that there is carbon/aramid or carbon fabric below the colour then the shadow of the colour is little bit changed thanks to dark underlay. The exact shadow of the colour is possible to achieve only in the case that under your colour is layer of the white colour. But another layer of white colour causes a higher weight of the boat.

IF YOU WOULD LIKE A DESIGN THAT TRANSITIONS FROM THE DECK TO THE BOTTOM, WE STRONGLY NOTE THAT THE RESULT MAY NOT BE WHAT YOU WANT AND THE DESIGN ON THE DECK MAY NOT FOLLOW THE DESIGN ON THE BOTTOM. The reason is simple, we laminate the shell of the deck and the bottom into a form that is, for example, for a boat with a load capacity of 75 kg. In order to adjust your boat to a load capacity of e.g. 70 kg, we have to cut a few mm from the bottom shell. After that, it is very difficult to achieve that, for example, the lane passing from the deck will follow the lane on the bottom.

Sampler - basic colours for boats



Material versions

CARBOLIGHT

This construction is intended for the most demanding paddlers who require the highest quality, stiffness and design while maintaining a weight limit of 9kg. The boat is made by vacuum technology, where the epoxy resin hardens at high temperature.

Material composition:

- quality epoxy system
- approximately 80% carbon fabric and approximately 20% carbon-aramid fabric in areas where more frequent contact with obstacles is expected
- a unique combination of 3 types of foam sandwich in the shape of a Pyramid
- internal aramid joints of deck and bottom
- outer seam without the outer tape for the best possible hydrodynamics. The black aramid tape is only on the tip and stern of the boat.
- the bottom is connected to the deck with special lightweight carbon/aramid internal stiffeners.

Weight of boats:

K1 boats : 8,0-9,0 kg
C1 boats : 8,5-9,0 kg
C2 boats : 13 kg

The weight of the boat depends on the volume of the boat. E.g. a boat for an 80 kg athlete is bit more heavy than a boat for a 50 kg athlete. The weight of the boat also depends on the color design. The lightest are boats with a colorless carbon look.

*Note: boats are delivered underweighted up to 9 kg. Boats has to be weigh in after finishing of seating (seats, footrests, etc.) have been installed.

PROFI

The Profi gives a robust high performance racing construction. Profi is mostly used by experienced and advanced competitors, who train and race on stony and shallow courses. Due to the use of carbon-aramid material in the construction, the boat is tougher compared to the Carbolight construction. The bottom and the deck are more resistant to the penetration of sharp stones into the sandwiches.

Material composition:

- quality epoxy system
- the bottom has 70 % of carbon-aramid fabric and 30 % of glass fabric, vacuum technologie
- deck has 70 % of carbon-aramid fabric and 30 % of glass fabric, vacuum technologie
- 2 types of foam sandwich
- internal aramid joints of deck and bottom
- the bottom is connected to the deck inside with stiffeners from hard foam (Styrodur).

Weight of boats:

K1 boats : 8,0-9,0 kg
C1 boats : 8,5-9,0 kg
C2 boats : 13 kg

The weight of the boat also depends on the color design. The lightest are boats with a colorless carbon look.

*Note: boats are delivered underweighted up to 9 kg. Boats has to be weigh in after finishing of seating (seats, footrests, etc.) have been installed.

FLEXIBLE

Great and economical boat construction, suitable for beginners or advance competitors and kayakers, who train and race on average slalom courses. The deck is made by vacuum technology, the bottom is made without vacuum technologie. The epoxy resin hardens at high temperature.

Material composition:

- quality epoxy system
- the bottom has 70 % of carbon-aramid fabric and 30 % of glass fabric, without vacuum technologie
- deck has 70 % of carbon-aramid fabric and 30 % of glass fabric, vacuum technologie
- internal aramid joints of deck and bottom
- the bottom is connected to the deck inside with stiffeners from hard foam (Styrodur)
- the bottom is more resistant to impact from stones compared to Carbolight or Profi construction.

Weight of boats:

K1 boats : 9,0-10,0 kg
C1 boats : 9,2-10,5 kg
C2 boats : 14,0-15,0 kg

The weight of the boat depends on the volume of the boat. E.g. a boat for an 80 kg athlete is bit more heavy than a boat for a 50 kg athlete. The weight of the boat also depends on the color design. The lightest are boats with a colorless carbon look.

MIXT

Economical boat construction, suitable for beginners or advanced kayakers, who train and race on easy slalom courses.

Material composition:

- quality epoxy system
- the bottom has 50 % of carbon-aramid fabric and 50 % of glass fabric, without vacuum technologie
- deck has 10 % of carbon-aramid fabric and 90 % of glass fabric, without vacuum technologie
- internal aramid joints of deck and bottom
- the bottom is connected to the deck inside with stiffeners from hard foam (Styrodur).

Weight of boats:

K1 boats : 9,5-11,0 kg
C1 boats : 9,8-11,5 kg

The weight of the boat depends on the volume of the boat. E.g. a boat for an 80 kg athlete is bit more heavy than a boat for a 50 kg athlete. The weight of the boat also depends on the color design. The lightest are boats with a colorless carbon look.

DIOLEN

The most economical boat construction, suitable for beginners, who train and race on easy slalom courses.

Material composition:

- epoxy resin
- glass fabric
- in the bottom there is a reinforcement of approx. 2m² of carbon/aramid fabric
- internal aramid joints of deck and bottom
- the bottom is connected to the deck inside with stiffeners from hard foam (Styrodur).

Weight of boats:

K1 boats : 9,8-11,5 kg
C1 boats : 10,0-11,8 kg

The weight of the boat depends on the volume of the boat. E.g. a boat for an 80 kg athlete is bit more heavy than a boat for a 50 kg athlete.