



# CATALOGUE boats - C1 @ C2 slalom



## GENIE

GENIE is our newest addition to the C1 category, designed by 2022 World Champion and two times Olympic medalist Sideris Tasiadis.

From Godzilla to Genie some major modifications have been made. Moving the volume from the bow hull to the area behind the cockpit we accomplished better maneuverability, push from the upstreams and overall balance during forward motion. Making the boat wider around the cockpit improved stability and making Thomas Koechlin's wish come true by adding hull fins accomplished superior behavior in upstream gates. These fins, together with square hull profile prevent the canoe from undesired drifting to the sides. Genie comes with kayak cockpit in order to make those, who run both categories, happy with just owning one type of gear. We can make your Genie for a weight ranging from 60kg to 85kg.



## **TORR-PENN**

TORR-PENN is a follow-up of successful rocket What Else, the boat that came out of Tony Estanguet's ideas, the one with which he won his last Olympic Games. One of today's best single canoeists in the world Nico Gestin put his hands and brains into improving its stability, maneuverability and overal balance of this boat. The stern part was slightly widened, last 80cm at the bow was narrowed and thinned, sides were rounded behind the cockpit and for improved line-holding stability fins were added. It is not a boat for someone looking for canoe with its tip high in the sky all the time, but for those in search of calm stable boat that sometimes solves a problem or two for you.. Recently U-23 World Champion Mewen Debliquy has been riding this boat successfully. Suitable for canoeists from 60 to 80 kg.



CARBOLIGHT



## **GORILLA**

C1 Gorilla was developed under supervision of Sideris Tasiadis (Germany), one of world's most successful canoist in recent years. As a basis for development our popular boat Pink & Yellow was used. Main changes were made around the bow and stern hull areas, making these more round.

The boat kept its amazing stability but improved in turning speed. Back behind the cockpit some changes had been made in the volume distribution in order to not lose speed in forward motion and jumping over waves and holes and stay flat on the water without stern's sinking effect.

We make Gorilla in senior and junior sizes.



## **RAPIDO**

Rapido is the boat in which Lukáš Rohan won his silver medal at Olympic Games in Tokyo. Newest computer technologies that are being used in automotive industry in newest model development had been used to make this design. Rapido is very fast and turns quickly. On the other hand it requires better sense for stability from the paddler. When the run on this boat feels good, you can be sure it's a fast one. Suitable for canoeists ranging between 60 and 80 kg.



CARBOLIGHT

PROFI



## PINK & YELLOW

Two times olympic medalist (silver 2012, bronze 2020) Sideris Tasiadis's design from 2014. Still being quite popular, one of the female superstar - Gabriela Satková's still paddles this canoe. Narrow mid part makes the boat fast, while increased width behind the cockpit creates more stability for the paddler, making him feel more comfortable in hard water not losing ability to generate speed throughout the gate combinations. Suitable for canoeists from 60kg to 85 kg.



CARBOLIGHT

PROFI

**FLEXIBLE** 

MIXT

DIOLEN

## **WHAT ELSE**

This model is a result of work of no one else than Tony Estanguet – three times olympic winner, three times champion of the World and Europe, who had developed whole bunch of our successful canoe boats. With this design his goal was to make a boat, that will make everyone stop even thinking about anything else. By winning his third Olympic Gold in this boat, he kinda made a statement that one cannot achieve anything more in this sport and retired from top racing. Stability, speed and maneuverability is still top in its class compared to much newer designs, which makes this boat still relevant and sales haven't stopped yet. As an example, Nicolas Gestin, who had been practically unbeatable in juniors and U23 in this boat, earning medals in World Cups 2022 as well...



CARBOLIGHT

PROFI

**FLEXIBLE** 

MIXT

DIOLEN



## **SMOOTHIE**

Smoothie is little older, but often sought for model. Its features suits especially women and juniors. With help of French National Team coach and inspiration in Tilt model, we made few modifications concentrating on improved stability and super easy maneuverability, which are crucial for these "lighter" categories. Major quality of this boat is that it does not respond agressively, both flat and pivot turns are easy but still pretty quick.





## **TORNADO**

Stability and maneuverability – same goals as with the previous model Wanted. Tornado had been developed in cooperation with spanish crew Jesus Perez – Dani Marzo. Compared to Wanted, this double canoe is even more rounded – no sharp edges around the crew's area. Bow is wider and hull flatter. These changes provide for better stability and adding on boat's volume. Stern had been modified to make turning easier and smoother. As a result, these uprades make Tornado suitable for heavier paddlers.



## WANTED

This double canoe was designed as kind of a multi-purpose boat in order to cover needs of all the possible paddlers. The main objective in the designing process was to create stable boat, easy to navigate. Shape was modified for better acceleration and wave surfing abilities. Cockpits were moved closer to each other, allowing for making quick and easy turns.



CARBOLIGHT

PROFI

**FLEXIBLE** 

MIXT

DIOLEN

## **SLALOM BOATS**



## 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 excat RAL number of the colour that in the case that there is carbon/aramid or carbon fabric bellow 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



## **SLALOM BOATS**



## Material versions

#### CARBOLIGHT

most demanding paddlers who require the highest quality, stiffness Profi is mostly used by experienced 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 fabric, vacuum technologie more frequent contact with obstacles is expected
- of foam sandwich in the shape of a
- internal aramid joints of deck and hottom
- outer seam without the outer tape for the best possible hydrodynamics. The black aramid tape is only on the tip and stern of
- · 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 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.

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

#### PROFI

This construction is intended for the The Profi gives a robust high performance racing construction. and advanced competitors, who train and race on stony and shallow courses. Due to the use of carbonaramid 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 carbonaramid fabric and 30 % of glass
- deck has 70 % of carbonaramid fabric and 30 % of glass a unique combination of 3 types 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).

#### **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 carbonaramid fabric and 30 % of glass fabric, without vacuum technologie
- deck has 70 % of carbonaramid fabric and 30 % of glass fabric, vacuum technologie
- internal aramid joints of deck
- · 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.

## **MIXT**

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

#### DIOLEN

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

#### Material composition:

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

#### 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).

The weight of the boat depends on

\*Note: boats are delivered

### Weight of boats:

K1 boats: 8,0-9,0 kg C1 boats: 8,5-9,0 kg CZ 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.

#### 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 depends on the color design. The lightest are boats with a colorless carhon look

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

#### 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