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PEDAYAK

made by

L'AQUAPHILE  
  
WATER LOVER & WATER POWER

## PEDAYAK SAIL

**PEDAYAK** is the only kayak in the world with real keels. Even though their main objective is to protect the propeller and rudder in shallow water or on the beach, they also work in "anti-drift" mode, allowing good behaviour under sail, particularly when sailing upwind.

It is therefore the only kayak capable of sailing under all types of wind conditions.

It results in a real small sailing and "motor" boat with amazing performances. A few pedal strokes allow quick tacking or gybes.

Whether the wind becomes weak or strong, you can go home or take cover.

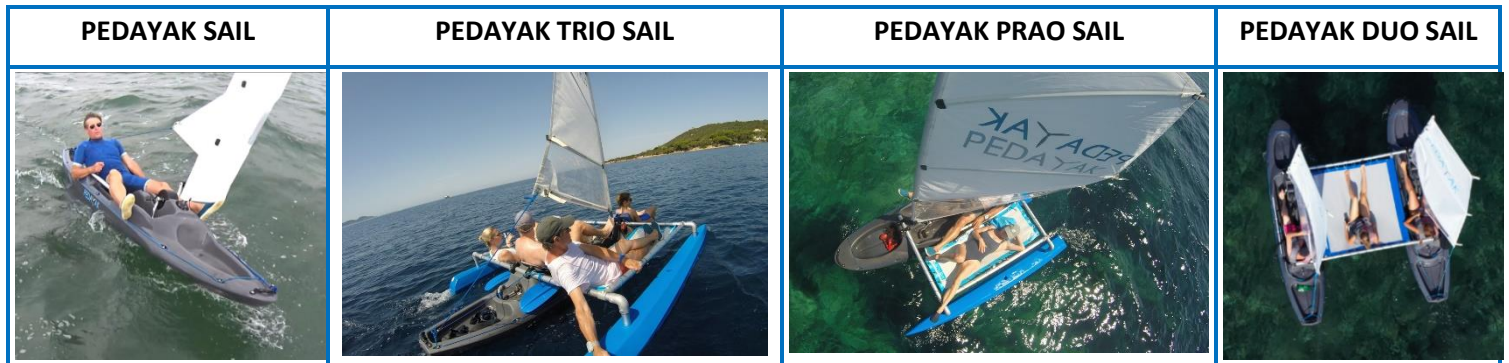
The user is comfortably seated with a backrest in the direction of travel. He can see 180° in front of him and does not need to change his position when changing tack.

Learning and handling are simple and quick.

**GRAND PRAO, PRAO** or **TRIO** frames are options that provides extraordinary stability to the **PEDAYAK**, and allows you to carry one or several passengers, or equipment for picnic, bivouac, diving, etc.. It allows you to go on raids or longer distance rides in complete serenity.

One or two **PEDAYAK** rigs can also be installed on the **PEDAYAK DUO**, which then becomes a real small sailing catamaran particularly stable.

All the **PEDAYAK** models with sail can also be set in **ELECTRIC** drive (see the **PEDAYAK ELECTRIC** presentation).



**PEDAYAK** can reach 5 knots (10 km/h) with its sail.

It is recommended to use the **PEDAYAK** under sail with less than 20 km/h (11 knots) of wind for beginners, 25 km/h (14 knots) for more experienced people. 35 km/h (18 knots) for the **PEDAYAK TRIO, GRAND PRAO, PRAO** or **DUO**.

### **How to lower the rig:**

If the wind becomes too strong, or if for any reason you want to lower the rig, simply grab the mast, take it out of the mast step and lay it on the water, or flat on the canvas of the **DUO, TRIO, GRAND PRAO, PRAO**.



### **Characteristics and regulations :**

**PEDAYAK** complies with the European Directive n° 2013/53/EU of 20/11/13 related to pleasure sailing boats and is CE marked.

|  | PEDAYAK       | PEDAYAK TRIO   | PEDAYAK PRAO   | PEDAYAK GRAND PRAO | PEDAYAK DUO     |
|--|---------------|----------------|----------------|--------------------|-----------------|
| Dimensions L x W x H in cm             | 360 x 73 x 72 | 360 x 248 x 72 | 361 x 170 x 72 | 360 x 250 x 72     | 360 x 286 x 72  |
| Weight in kg (with the rig)            | 42            | 65             | 56             | 58                 | 90 (with 1 rig) |
| Floatability in liters                 | 429           | 667            | 548            | 548                | 858             |
| Maximum recommended load in kg         | 180           | 330            | 270            | 270                | 350             |
| Maximum recommended users (/with kids) | 1/3           | 3/5            | 2/4            | 2/4                | 4/6             |
| Sailing category                       | D             | D              | D              | D                  | D               |

Rigging the **PEDAYAK** takes 5 minutes.

The rigging consists of a two-parts aluminium mast, not guyed, placed in a reinforced and waterproof mast well that passes through the hull, and a 3.6 m<sup>2</sup> sail specially designed for the **PEDAYAK**. The sail is battened and has no balm, it is flexible and opens well from the top in gusts. It has a large transparent window in its lower part to allow a good view forward.

#### **LIST OF EQUIPMENT :**

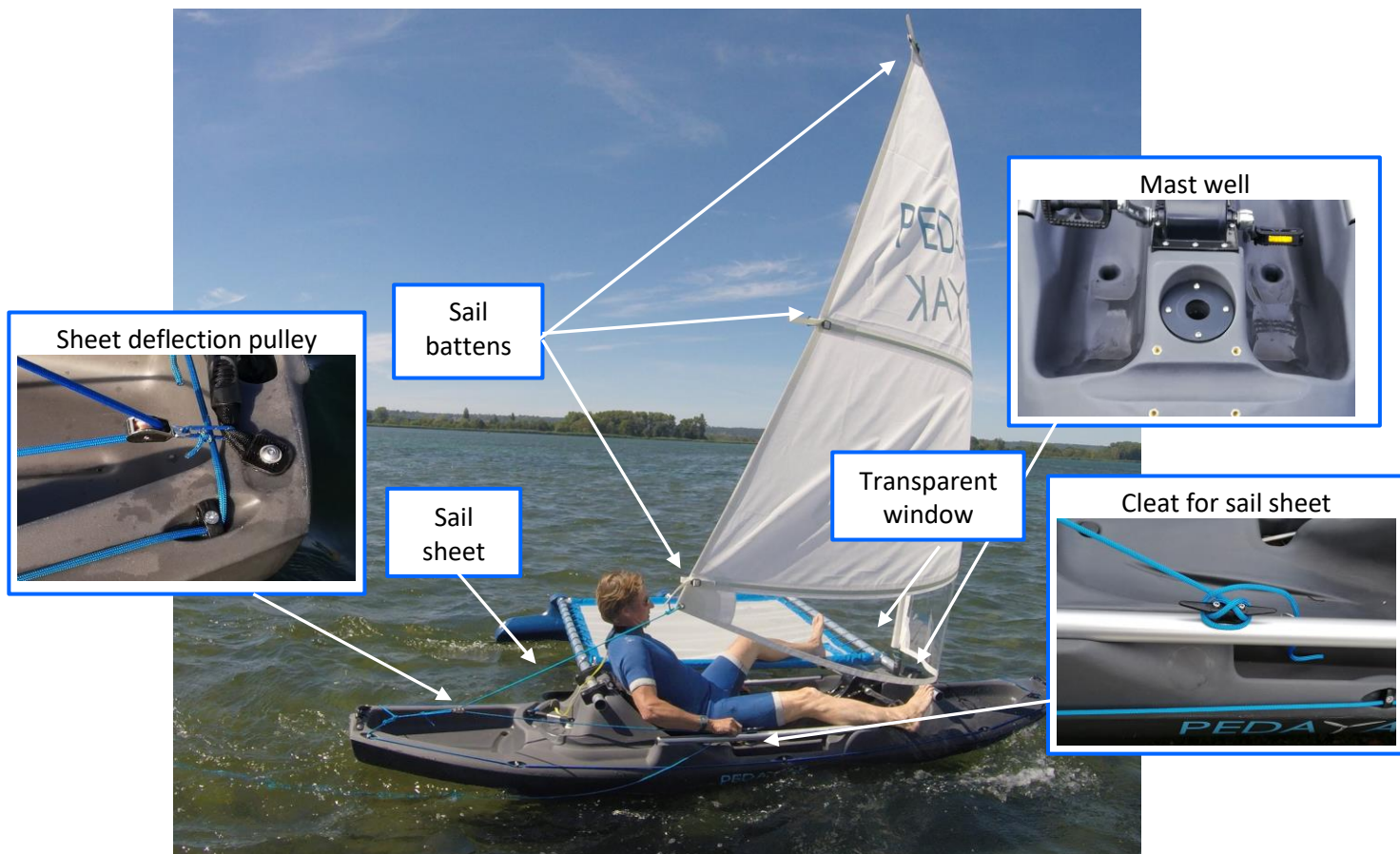
- 3.6 m<sup>2</sup> polyester sail with 3 battens and its sheet.
- 2-parts aluminium mast.
- Deflection pulley
- Carrying bag of 190 x 25 cm

Total weight of the rig : 3 kg

#### **MOUNTING :**

- Unroll the sail on the ground
- Assemble the two parts of the mast
- Thread the mast into the sail sleeve
- Tension the sail with the small mast foot downhaul
- Place the rigging in the mast well on the **PEDAYAK**, in front of the bracket.
- Attach the deflection pulley on the rear handle
- Pass the sheet through the deflection pulley and turn it on the cleat fixed on the handle tube.

Note: The cleat is always placed on the opposite side of the steering stick so that you can steer with one hand and handle the sail sheet with the other.



**WARNING:** It is mandatory to know how to swim to use PEDAYAK.

Wearing a life jacket is strongly recommended.

According to French regulations, it is mandatory to wear a life jacket on board beyond 300 m. The Aquaphile disclaims any responsibility in the event of non-compliance with these recommendations.

[See the video](#)