

# Velto Sail

## Technical characteristics



Total weight : 55 kg +/- 0,5  
Wingspan : 90-220-440 cm  
Length : 310-350-400 cm  
Max load on water : 160 kg  
Max load on sand : 120 kg  
Sail areas :

Main sail 7 m<sup>2</sup> full batten

Jib 4 m<sup>2</sup>

Optional Gennaker 9,3 m<sup>2</sup>

Hulls : full carbon aramid epoxy sandwich construction

Arms, mast, boom : full prepeg carbon epoxy tubular construction

Foils, dagger boat : full prepeg carbon epoxy sandwich construction

Wheels : 40cm diameter

Ceramic bearings

Dyneema ropes

Unsinkable

Unlikely to capsize

High speed on sand and on water

2 comfortable seats

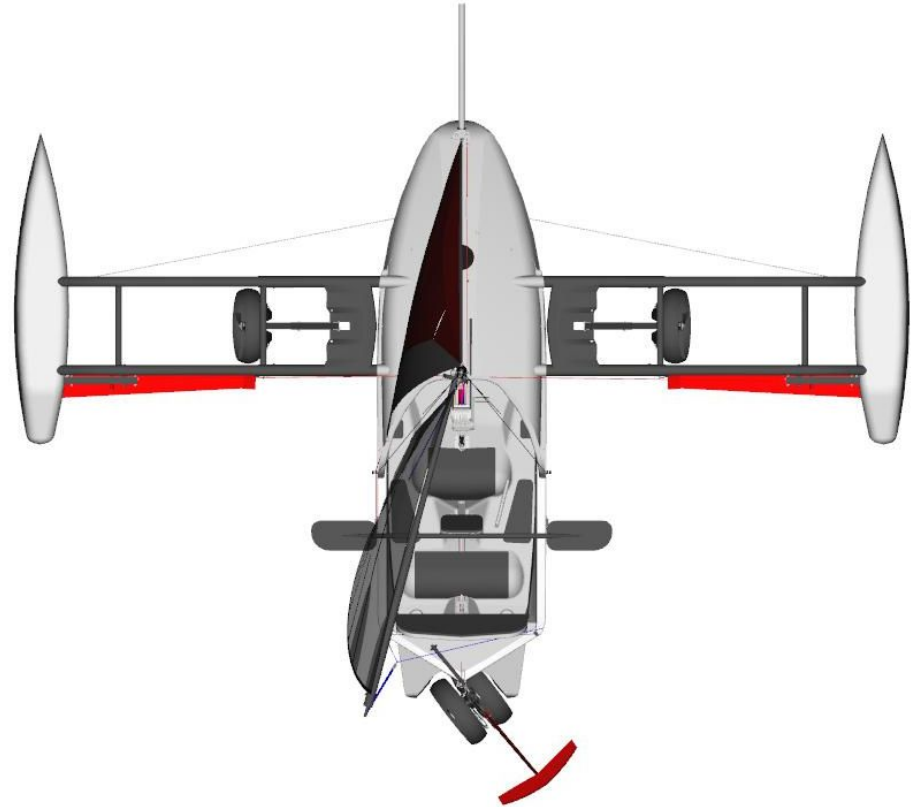
12 - 16 ' mounting time

**As an hydroptere the Velto boat is out of CE categories, however it complies with the category D standards**



# Velto's Composition

- 1 central hull
- 1 patented 8 lines compact winch
- 1 central arm
- 2 lateral retractable wheels
- 2 lateral extensible arms
- 2 lateral hulls
- 2 lateral retractable foils
- 1 rudder (foot control)
- 1 tiller
- 2 back retractable wheels
- 1 back "T" retractable foil
- 1 profiled mast
- 1 mast base
- 1 boom with rolling system
- 1 main sail 7m<sup>2</sup> full batten
- 1 jib sail 4 m<sup>2</sup> with rolling system
- High performance ropes and blocks
- Upper textil shrouds
- Lateral textil shrouds



## Central hull

310 x 90 x 60 cm

Carbon-aramid epoxy sandwich

White, black or colored carbon spotted finish

120 l. unsinkable PU foam volume

600 l. flotability volume

Weight : 20,4 kg



- Optimized shape
- Designed to avoid water to get in the hull
- Comfortable seats
- Ergonomic position
- Adjustable pedal positions
- Children fall safety
- Tubular carbon epoxy structure
- Extractible drift
- Supports for drink bottle and cans
- Extra large back seat  
for counterweight with high wind
- Quick bilge bump (0,5 l per hand push)

## Components

1 front folding carbon seat

1 back large carbon seat

2 carbon pedal blocks (rudder control)

1 carbon-aramid epoxy sandwich deck

1 carbon epoxy sandwich dagger boat

4 clamcleats (for front sails)

Pads

Seat foam + front protection foam

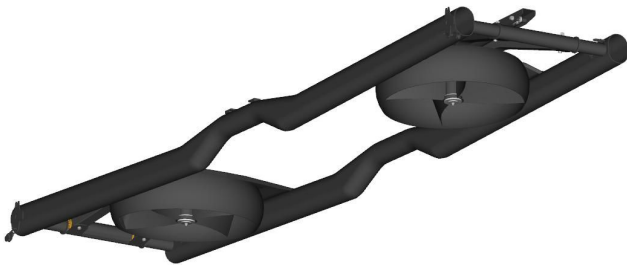
1 hand bilge bump

5 l capacity sealed jar

## Parts

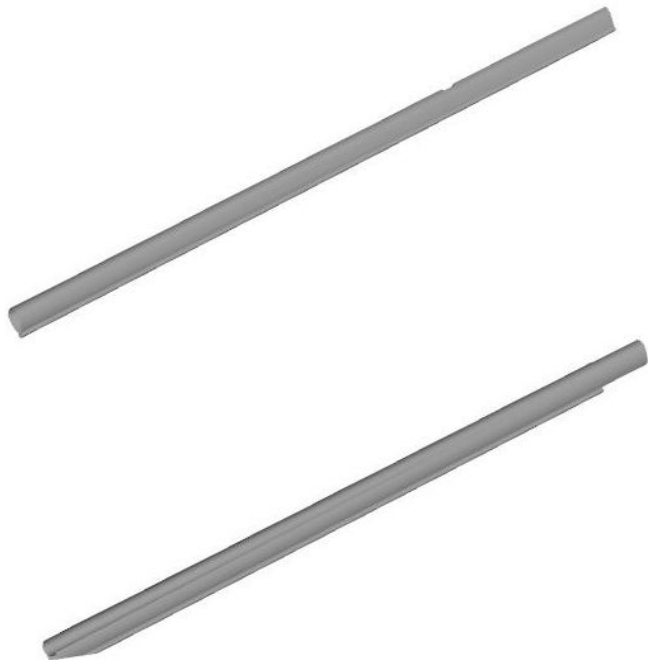
### Central arms

With lateral wheels  
Full carbon



Exclusive profiled  
**mast** en 2 parts,  
Total length : 4,8 m  
Weight : 2,900 kg

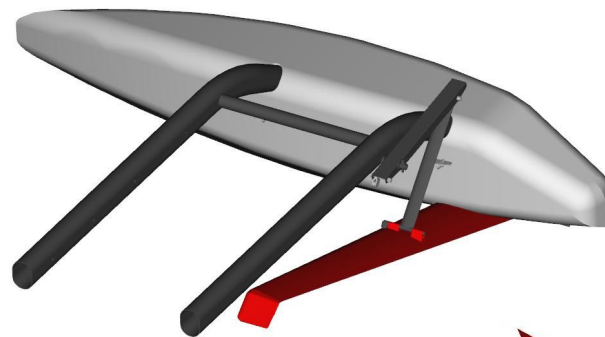
Full prepeg carbon  
epoxy tubular  
construction with  
"C" profile



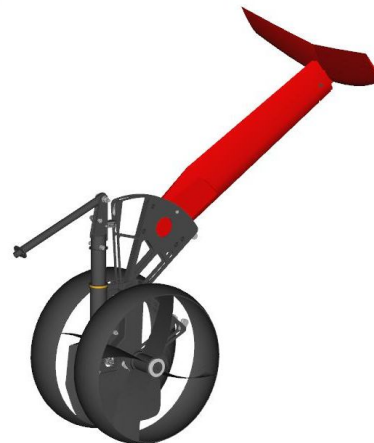
**Lateral hull** full carbon aramid sandwich

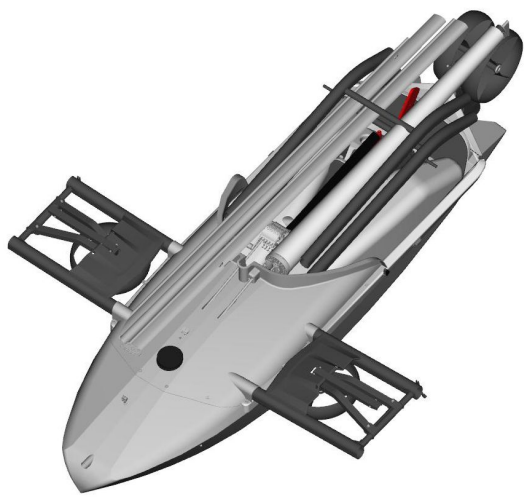
With tubular carbon lateral arms

Full carbon and lateral foils full carbon sandwich



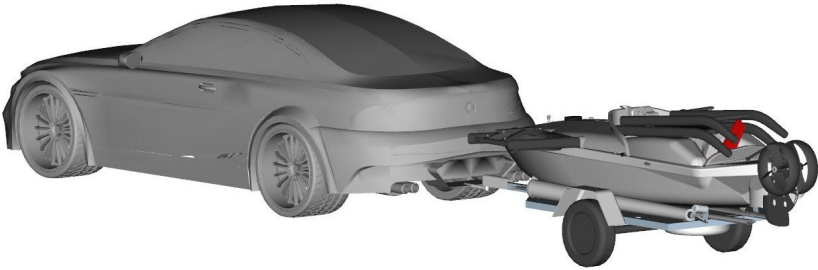
**Rudder** full carbon  
with tiller full carbon  
"T" foil full prepeg  
carbon sandwich  
Double wheels with  
ceramic bearings





## Transport

Easiest option : carrying with trailer or on  
the top of the car  
12-16 min assembling/disassembling time



Alternative packing :  
+ 60 min  
assembling/disassembling time

