

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 m² full batten

Jib 4 m²

Optional Gennaker 9,3 m²

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

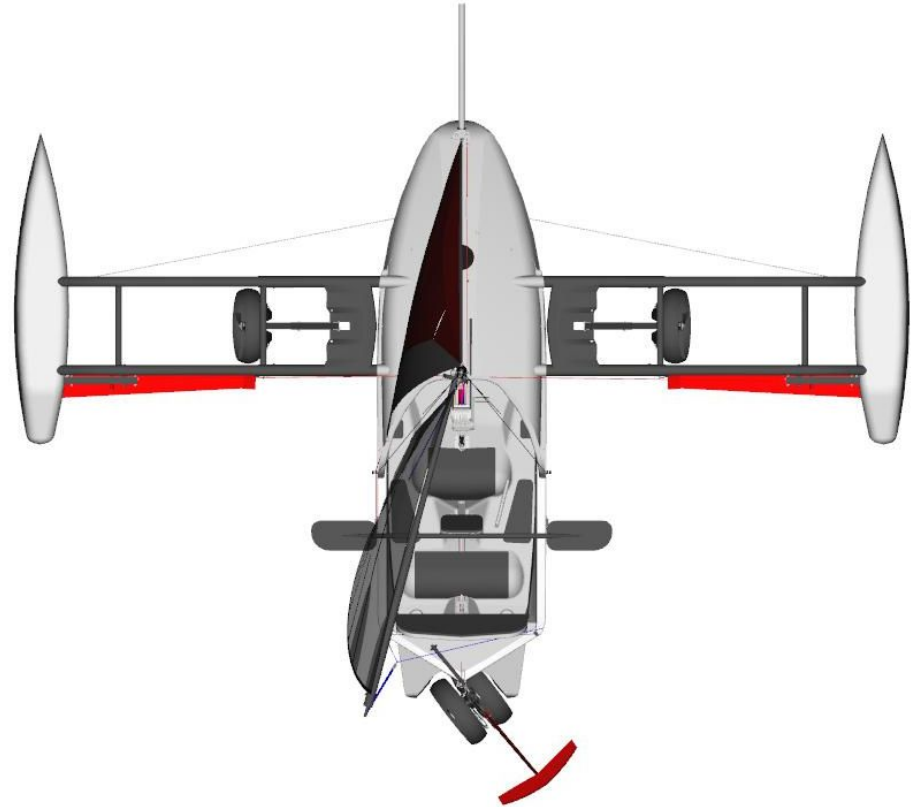
12 - 16 ' mounting time

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 7m² full batten
- 1 jib sail 4 m² 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

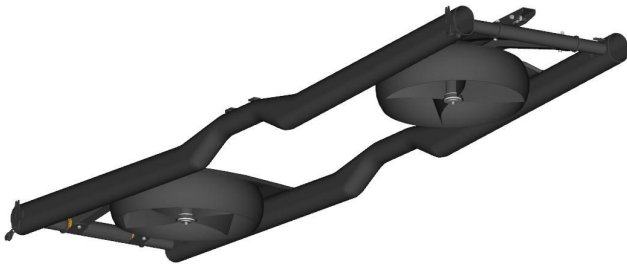
1 hand bilge bump

5 l capacity sealed jar

Parts

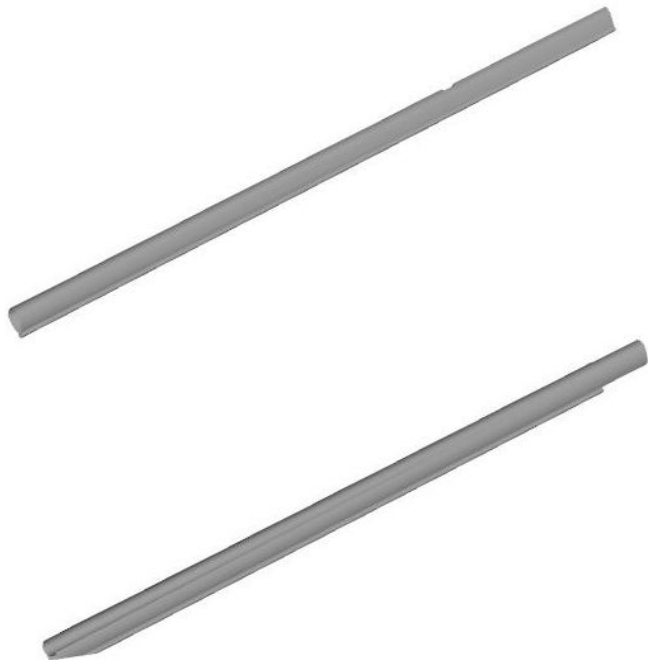
Central arms

With lateral wheels
Full carbon



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

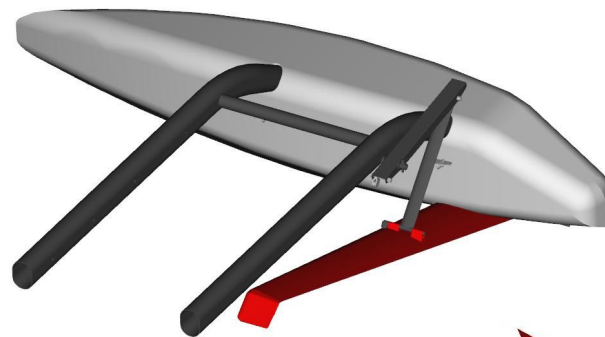
Full prepeg carbon
epoxy tubular
construction with
"C" profile



Lateral hull full carbon aramid sandwich

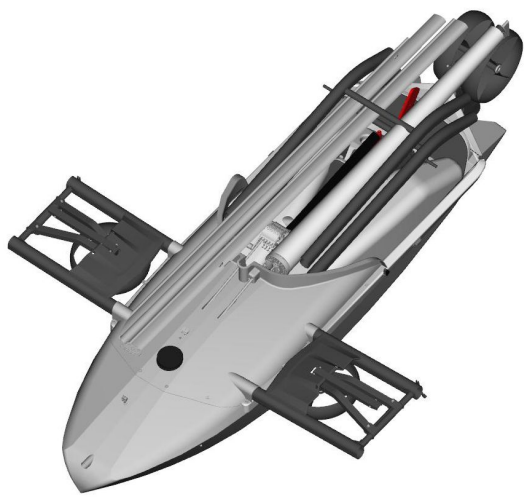
With tubular carbon lateral arms

Full carbon and lateral foils full carbon sandwich



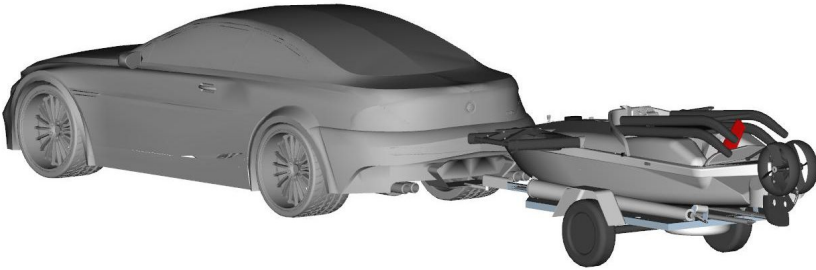
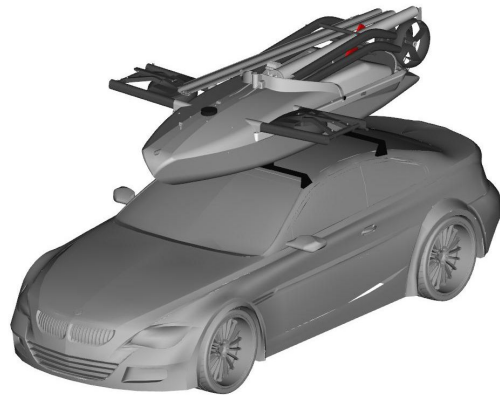
Rudder full carbon
with tiller full carbon
"T" foil full prepeg
carbon sandwich
Double wheels with
ceramic bearings





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

