



 **LibertyKite**[®]
beyond the sea

SAFETY MEETS FUN

■ A NEW WAY TO SAIL

100% PLEASURE, EFFICIENCY, SAFETY

LibertyKite® is the lightest and simplest “engine” in the world. It runs solely on wind, a free and inexhaustible resource. Easy to deploy and **self-stable** once airborne, LibertyKite® offers an **innovative, zero-emission kite-traction solution for all boats**.

Its proprietary self-balancing concept oscillates between its two tow lines, and the complete absence of bridles or battens makes it tolerant of changes in wind or in the boat’s heading.

Once made fast to two cleats (or other strong points), LibertyKite® tows the boat hands-off. Its propulsive force can be considerable, with **two traction modes**, static or dynamic, achieved by adjusting the spacing between the tow points and the line length paid out (see diagrams and tutorials).



■ KEY ADVANTAGES

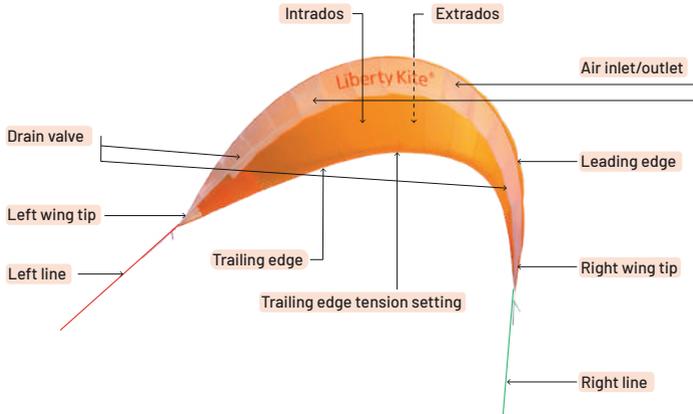
- For all types of boats
- Self-stable (no piloting required)
- Easy to install and use
- Safety fallback in case of failure
- Outstanding flight quality
- Quiet operation
- Compact and lightweight
- Patented solution



EASY-TO-USE

Launch takes just a few minutes, with a recommended minimum wind of 10 knots. The leading edge, inflated by the wind, followed by a single skin through to the trailing edge, acts as a lifting airfoil. The kite's exceptional compliance and robustness let it cope with all wind variations and remain **stable across a wide operating range**.

To douse it, nothing could be easier: release one line and the kite fully depowers. After a few armfuls of line, the kite is back on board.

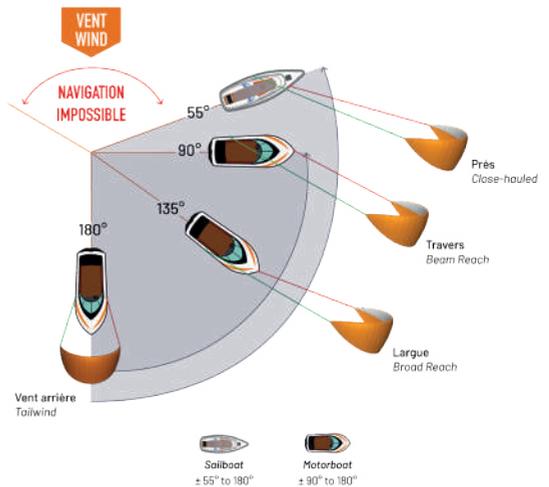


POSSIBLE POINTS OF SAIL

LibertyKite lets you sail as close as 55° to true wind on boats with effective lateral-resistance plans (sailboats). For other boats, the kite can be used from 90° to true wind. Depending on the intended point of sail, the position of the tow points on deck must be adjusted. The aim is to keep an axis roughly perpendicular to the apparent wind.

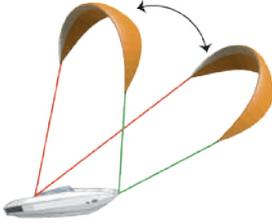
GOOD TO KNOW

A boat's performance and handling are heavily influenced by hull and appendage shapes, as well as by length and displacement.

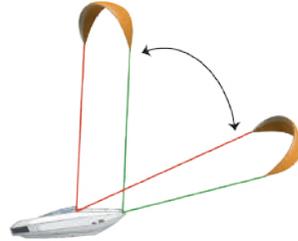


■ SIMPLE SETTINGS

LibertyKite® is the only kite dedicated to towing boats, that uses a single-line steering system for simplicity and ease of use. It has no bridles that could snag, and no bulky battens to stiffen its profile. Its flexibility yields outstanding **lightness** and **flight quality**. Its behavior mainly depends on where the tow points are positioned on the deck.



Wide tow-point spacing:
reduced oscillations and steady flight



Narrow tow-point spacing with longer lines:
large oscillations and dynamic flight

By combining tow-line length adjustment with the LibertyKite's elevation and altitude settings, you can vary the traction force. With long lines and a dynamic flight, the pulling force can be quite high.

■ LAUNCH CONTROL SYSTEM (FROM 40M²)

We have developed the exclusive Launch Control system to **make launching easier and safer**.

To inflate the kite and lift it off, simply let out a dedicated line gradually. This line holds the LibertyKite® at several points along the leading edge. Throughout the launch, the kite remains under control with high stability and low pull until it is fully inflated.



Watch our
video tutorials

DECK STUDY & RECOMMENDATIONS

Depending on your vessel and your cruising program, we can carry out an in-depth study to facilitate the installation of the LibertyKite and any additional deck hardware that may be required in some cases.

This optional study is especially useful when using large-surface kites (LK40 and LK80) and is tailored to the specific features of each boat.

Among other things, this deck study helps optimize the placement of tow points for the different points of sail, anticipate any complementary rigging, and define optional equipment such as winches, for example.

Please feel free to contact us.

RANGE AND SPECIFICATIONS

THE RANGE	10m ²	20m ²	40m ²	80m ²	140m ²
<i>Indicative boat length (from)</i>	≥ 4 m	≥ 6 m	≥ 9 m	≥ 15 m	≥ 24 m
<i>Flat wingspan</i>	7.4 m	10.4 m	14.8 m	21 m	in development
<i>Projected wingspan</i>	3.5 m	4.9 m	6.9 m	9.9 m	
<i>Kite weight</i>	1.3 Kg	2.4 Kg	6 Kg	12 Kg	
<i>Fabric</i>	Skytex		Precision Nylon		
<i>Peak dynamic pull</i>	300 Kg	600 Kg	1 200 Kg	1 800 Kg	
<i>Recommended line spacing on deck</i>	3.5 m	5 m	7 m	10 m	
<i>Line length</i>	16 m	24 m	33 m	50 m	

Each kite is supplied with its line
You can also find all complementary accessories on our website

SEE OUR TUTORIALS AND PRICING



■ SAIL SAFELY

While it is highly relevant as a complement to conventional or electric propulsion, **boosting range, reducing environmental impact, and enjoying silence**, LibertyKite® was originally designed as a **safety device** for offshore navigation.

In the event of engine failure or dismasting, LibertyKite provides an auxiliary means of propulsion that allows the boat to **remain maneuverable** and the crew to **make way**. In addition, it offers **high visibility** thanks to its orange color (an internationally recognized distress color).

Many leading offshore racing skippers have chosen to carry a LibertyKite® on board in case of rigging failure during their blue-water passages.



■ TESTIMONIALS

Arnaud Boissière, professional sailor and skipper

used the LibertyKite® during his dismasting in the Vendée Globe 2024



« I sent up the kite to stabilize the boat. It held all night without any issues. It's simple, fun to use, and the orange kite makes us visible to other vessels. »

Damien Seguin, professional sailor and skipper

used the LibertyKite® during his dismasting in the Route du Rhum 2022

« The Beyond the Sea kite allowed me to stay visible to cargo ships, since I was right in the middle of the shipping lane when I was dismasted. It also helped me get out of that delicate situation and make way toward Lorient. »



Harnessing the Wind for a Thriving Planet

Contact us

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