



FUSION
THE HIGH-TECH CARTAN®
CARBON CROSSRIDE BOARD.

MORE TIME ON THE WATER AND LESS TIME TRYING TO DECIDE WHICH BOARD TO RIDE: THE FUSION TAKES THE COMPLEXITY OUT OF THE BOARD CHOICE DILEMMA.

We have developed a real CROSSRIDE board that covers all aspects of kitesurfing without compromising on any of them. The Fusion is ideal for riders of all levels and will develop with you as you continue to improve. We have transferred our expertise from our custom CARVED boards to a high-tech CARTAN® high-performance carbon series production board.



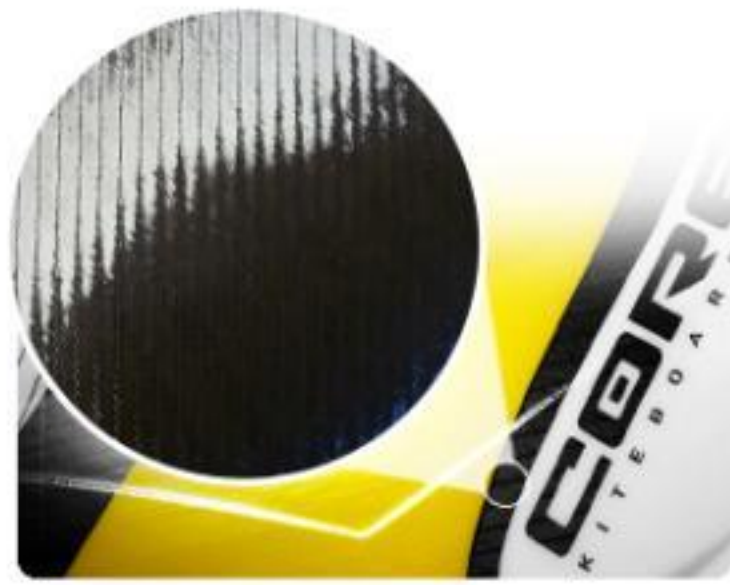
The Fusion was constructed in the most elaborate way for a series construction board - by using only the finest materials. The board is made of 100% CARTAN® high-performance carbon; each layer is made of pure carbon fibre. This guarantees minimum weight and optimum flex properties. The complex bottom with double concave and 'V' provides more drive and direction, when needed, and is responsible for the unique riding experience.

It goes through choppy water as if there was a cushion of air under the board. We call this **Hydrodynamic Bottom Contour**. The core wood was milled in a special **Diamond 3D Shape CNC**. This ensures the harmonious development of flex together with torsional rigidity. The new high-performance fins, provide the Fusion with the maximum amount of directional stability whilst maintaining high levels of agility.



0% FAT
100% CARTAN® HIGH PERFORMANCE CARBON
THE FUSION'S WEIGHT IS RADICALLY OPTIMISED. YOU CAN FEEL THE CARTAN® TYPICAL CARBON STRUCTURE WHEN YOU RUN YOUR FINGER OVER THE DECK.
GET MORE DETAILS AT CARVED.DE/TECHNOLOGY

FUSION FEATURES



TECHNOLOGY TRANSFER AT ITS BEST

Carved has infused the Fusion with 10 years of custom board building experience

The Fusion development team worked hand in hand with the perfectionists from Carved, decades of experience in the construction of surfing and kite boards therefore flowed into the Fusion series. From the choice of bottom curve to the meticulously tuned flex design - each board size has been individually developed. This continuous transfer of knowledge was especially evident in the materials used.

Further info can be obtained at:
> carved.de/technology

CARTAN® FULL CARBON CONSTRUCTION

When we say full carbon, we mean full carbon.

Each layer of the laminate structure is made of carbon fibre, the entire area - top and bottom. CARTAN® high-performance carbon was specifically and exclusively designed for CORE and CARVED. In contrast to conventional carbon fibres the CARTAN® carbon fibre weave holds the fibres in a performance maximizing 30 degree angle. The result is huge flex properties making take offs both simple and effective. The exclusive use of CARTAN® high-performance carbon allows us to significantly reduce the thickness of all Fusions. The resulting thin, slightly beveled edge allows for precise jumps and relaxed carving.

3D COMPLEX DIAMOND 3D SHAPE

You can see and feel the 3D shape on the surface.

Complex diamond-shaped cut-outs have been milled into the underlying wood core. This extra CORE effort is not without reason; on the one hand the complex surface structure reduces the weight, on the other hand, the resultant and intelligently arranged crosses increase the torsional rigidity of all Fusion boards.

Together with the ultra-thin outside edges, the 'Diamond 3D Shape' provides the perfect combination of flex and stiffness - two technically disparate elements that only the world's best shapers can combine successfully.



HD HYDRO DYNAMIC BOTTOM CONTOUR

EARLY PLANNING, HIGH EDGE GRIP & AGILITY WITH THE „V“ DOUBLE CONCAVE

All Fusion boards have a hydro-dynamically shaped bottom contour. The most distinguishing feature is the central full length 'V' double concave that creates lift with laminar flow; the Fusion goes through choppy water as if there was a cushion of air under the board. The interaction of the concave and the 'V' allow greater board width, and thus early planning, without compromising on control.



The entire board can be edged at a steeper angle, which enables effective upwind ability and provides the best edging for jumps. In addition it enables increased smoothness and agility, for example, whilst switching from heel to toe side edge.

FINS

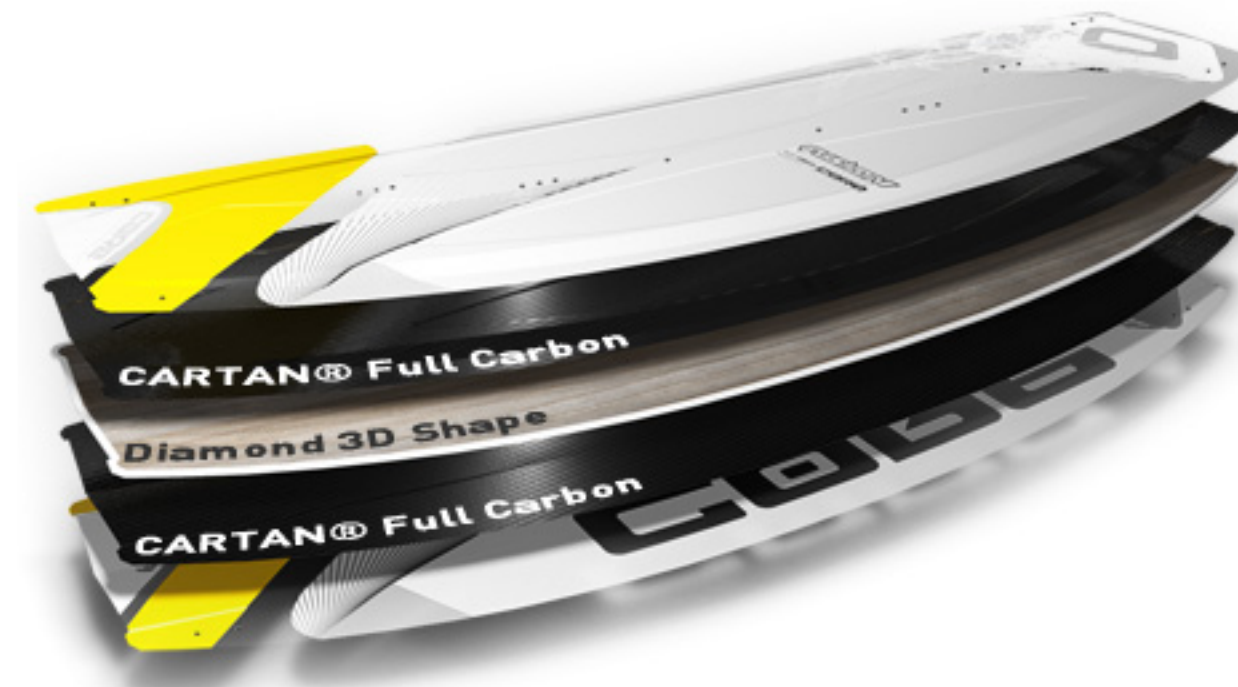
With the selection of the fin profile, CORE benefitted from the development process of the CARVED Razor fin. The result, after exhaustive testing, is a fin that provides maximum grip on edge. The combination of the base curve and the shape of the tip also facilitate a quick switch.



VARIABLE BOTTOM CURVE WITH CHANNELS

Channels are again used on the edge ends. These partial indents allow the realisation of two different rocker lines. If the rider edges hard the steeper inside curve is engaged and control and grip are increased. If the board is planning the flatter bottom curve is engaged which enhances the ability to glide through wind lulls.

We have consciously not included any full length channels on the Fusion as the drift of the kite means that we never travel in an absolute line and the channels would simply cause unnecessary resistance.



PADS AND STRAPS

The pads and straps are dedicated to delivering the highest levels of comfort and adaptability. They are not only comfortable but also precise allowing unsurpassed levels of connectedness between the rider and the board.

Available immediately from your nearest CORE dealer.



DELIVERY INCLUDES

CORE Fusion Full CARTAN Carbon Board,
CORE Pro Pads & Straps, Soft Grabhandle,
1,9" G10 Fins

899,- EUR*

- > [CORE Support](#)
- > [CORE Store](#)
- > [Fusion Video](#)

FUSION SIZES



130x38

132x39

134x40

137x41

141x42

144x43

149x44

152x46

+6 6 month extended warranty
Register to win!

6 6 year replacement parts
availability guarantee

WORLDWIDE Worldwide
service

* suggested retail price. Pricing may vary.