



LTF/EN B  
**CROSSROCK**

**WE MADE  
PERFORMANCE LIGHT,  
SO YOU CAN FLY XC  
LIGHT-HEARTEDLY.**



# ROCK THE SKY

CROSSROCK





# CROSSROCK

With low weight across the country.

The CROSSROCK is a lightweight travel-wing suitable for every day. It combines small pack volume with performance-oriented flight calmness. A hybrid of lightweight and everyday-glider, that offers high comfort even on extensive routes. The CROSSROCK is hungry for far destinations and pulls towards the cloudbase even in weak thermal conditions. Thereby the smooth glider slices through turbulent air mass and is hardly knocked off course.

Despite its low canopy weight the CROSSROCK lies heavy in the air and light in hand. Control pulses are translated accordingly precisely and the wing is easily rotated into the thermal lift. The performance-oriented lightweight glider is aimed at pilots who desire light luggage and small pack size for everyday flights on the XC route. Whether it is flying in the reliable thermal spots,

travelling to remote places or on the mountain, the CROSSROCK is built for the trying use in everyday life. The mid-B wing offers maximum safety reserves through damped reactions besides its outstanding

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rise features. Finally the good feeling is what ensures the lasting comfort on long routes. At the high performance capability and the sweet-tempered features the constructional proximity to the BLACKLIGHT 2 is clearly discernible.

Chief designer Ernst Strobl counts on the efficiency of simplification at the CROSSROCK. That does not only lead to a weight reduction but also gives the wing its outstanding characteristics. Based on the concept for success of Blacklight 2 several modifications for the CROSSROCK were made to maintain the form fidelity at long durability. The sharknose provides more stability at higher speeds. The 3D-shaping gives the leading edge a dynamic tension and elevates - in combination with the Precision Profile Nose (PPN) - the profile fidelity in the nose area. Pre-tensioning of the wing and the ballooning help to provide the perfect flow around the profile through elaborate calculations. The High Pressure Crossport Design (HPCD) optimizes the lateral aeration of the crossports and provides a balanced internal pressure of the wing. The line-set-up with three main lines is very straight-forward. Here the newest generation of PPSLS lines are being used, which ensure extremely high loads with minimal diameter.

When choosing the materials just as much value was placed upon the durability as it was on optimized weight management. The little weight of the glider absorbs less energy and thereby facilitates a sweet-tempered reaction-behavior. The used materials Skytex 32 and Skytex 27 have double coating and are superior to heavy materials because of the little weight. The materials were tested under harsh criteria for long-term durability.

The CROSSROCK is aimed at all pilots who want to rock kilometers with light luggage. Thereby the glider offers high performance potential with high safety reserves which even ambitious pilots will like. The CROSSROCK offers optimized performance weight without renouncing the comfort.

The glider is available in three attractive color schemes and in four sizes from XS (55 - 80 kg) to L (95 - 120 kg).

Let's rock! Arrange a test flight and see for yourself!

For further information visit [www.u-turn.de](http://www.u-turn.de)

# CROSS ROCK



## LTF/EN-B INTERMEDIATE / XC

XS 22,6 / S 24,8 / M 27,2 / L 29,2

	XS	S	M	L
<b>Start weight</b> Startgewicht	55-80	65-90	80-105	95-120
<b>Flat area</b> Fläche ausgelegt	22,6m <sup>2</sup>	24,8m <sup>2</sup>	27,2m <sup>2</sup>	29,2m <sup>2</sup>
<b>Projected area</b> Fläche projiziert	19,641m <sup>2</sup>	21,553m <sup>2</sup>	23,639m <sup>2</sup>	25,377m <sup>2</sup>
<b>Flat wingspan</b> Spannweite ausgelegt	11,26m	11,795m	12,353m	12,799m
<b>Projected wingspan</b> Spannweite projiziert	9,127m	9,561m	10,013m	10,374m
<b>Flat AR</b> Streckung ausgelegt	5,61	5,61	5,61	5,61
<b>Projected AR</b> Streckung projiziert	4,241	4,241	4,241	4,241
<b>Chord: center / wingtip</b> Flügeltefe: Mitte / Stabilo	2,445 / 0,547 m	2,561 / 0,572 m	2,682 / 0,601 m	2,779 / 0,627 m
<b>V-trim</b> V-Trim	39 (+/-1) km/h	39 (+/-1) km/h	39 (+/-1) km/h	39 (+/-1) km/h
<b>V-max</b> V-Max.	54 (+/-2) km/h	54 (+/-2) km/h	54 (+/-2) km/h	54 (+/-2) km/h
<b>Bridle height</b> Abstand Tragegurt-Kappe	6,869m	7,195m	7,535m	7,807m
<b>Nr. of cells</b> Zellenanzahl	59	59	59	59
<b>Glider weight</b> Gewicht	3,6 kg	4,0 kg	4,6 kg	5,0 kg
<b>Bridle length</b> Gesamt Leinenlänge	230,219m	238,925m	274,066m	306,446m
<b>Line diameter</b> Leinendurchmesser	0,55 / 0,65 / 0,7 / 1,1 1,2 / 1,3 / 1,45 / 1,6 mm	0,55 / 0,65 / 0,7 / 1,1 1,2 / 1,3 / 1,45 / 1,6 mm	0,55 / 0,65 / 0,7 / 1,1 1,2 / 1,3 / 1,45 / 1,6 mm	0,55 / 0,65 / 0,7 / 1,1 1,2 / 1,3 / 1,45 / 1,6 mm
<b>Speed system / trimmer</b> Fuß Beschleuniger / Trimmer	Yes / No Ja / Nein	Yes / No Ja / Nein	Yes / No Ja / Nein	Yes / No Ja / Nein
<b>Certification</b> Zulassung	EN-B / LTF-B	EN-B / LTF-B	EN-B / LTF-B	EN-B / LTF-B
<b>Certified standards and procedures</b> Angewandte Testverfahren	LTF 91/09 & EN 926-1:2006, 926-2:2013	LTF 91/09 & EN 926-1:2006, 926-2:2013	LTF 91/09 & EN 926-1:2006, 926-2:2013	LTF 91/09 & EN 926-1:2006, 926-2:2013
<b>Folding lines used for certification</b> Faltleinen für Testflüge benutzt	No Nein	No Nein	No Nein	No Nein
<b>Certification No.</b> Zulassungsnummer	EAPR-GS-0784/17	EAPR-GS-0783/17	EAPR-GS-0782/17	EAPR-GS-0781/17



SKYTEX 27  
SKYTEX 32



COLOR 01



COLOR 02



COLOR 03

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