

EN/LTF B
infinity////



WE MADE POWER
MORE SECURE,
SO THAT YOUR
WELLBEING ALSO
GETS AN UPLIFT.





INFINITY 4

EN/LTF B

Simply secure

Infinity stands for endless flight fun with maximum safety cushion. The glider was designed as an allround-glider with the clear goal of a low B certificate. Now we have a glider which really deserves the attribute lowend B, because in most of the maneuvers it reached A. The Infinity 4 is the answer to the always increasing demand for a powerful Lowend-B-glider with remarkable security standards and precise handling.

The ongoing numerical sequence may make you think that the INFINITY 4 (LTF/EN-B) is an advancement, but on the contrary it is a completely newly designed glider. What stayed is the sweet-tempered characteristic what is typical for the Infinity. With the purposeful constructive changes Ernst Strobl managed to make the INFINITY 4 fly agile, flexible and fast, but at the same time particularly safe. The Basis for that is a new profile which combines exceptional soar features with high tolerance. These good features were also confirmed with the results of the tests at the certification. The INFINITY 4 was rated with over average many A's – so it got in 79 maneuvers an A and only in 2 a B.

The INFINITY 4 is equipped with 44 cells and a laid out extension of 5,21. With the top materials Dokdo 30 and Dokdo 20 from Dominco Tex light and also durable cloth was used. The nose mylar wasn't used at all but instead the PPN-System from U-Turn finds usage. The High Pressure Crossport Design (HPCD), is guaranteeing optimized transverse airing of the crossports and through that a balanced inside pressure of the wing, what additionally increases the security. The efficiency of simplification is also proofed by the very manageable line concept with surprisingly few main lines (2a, 3b, 2c) throughout the whole line length is just 269,921m. The glider has with 16 cm speedway a topspeed from 51 – 52 km/h.

The INFINITY 4 is aimed at talented beginners and is perfectly suitable for ascenders and switchers, who are looking for more power than in a LTF/EN-A glider but who at the same time think LTF/EN-B is too much to handle. The Infinity 4 is offering the perfect Mix out of very good performance with maximum security cushion. It likes to spin and is also turning weak thermic circumstances efficiently in height; this makes the glider also attractive to mature pilots with route ambition. The potential of the wing are proofed by the impressing good season-results of the experienced XC-pilot Benjamin Becker, who was getting attention from all over the world with his Infinity 4 this year.

The High-Tech-concept of the wing is already noticeable in the starting features of the glider. Because of the reduced line concept and the low canopy weight the INFINITY 4 fills itself very easily and is soaring consistently and reliable without tendency to dive forward. During the flight it is converting control pulses fast and precisely and is taking care that the break gathering system (BGS), positively influences the braking characteristics. Exact feedback, outraging measurability and high impact are qualifying the system.

All in all the INFINITY 4 is standing for great flight fun with high cushions while being secure and powerful equally. Although the glider is combining all advantages of a low-B certification, you will be surprised by it's power. The canopy is available in 3 attractive color combinations and 5 different sizes from XS (50-75 kg) to L (95-125 kg). All sizes are having the weight ranges, typical for U-Turn, of 25 – 30 kg.

At the INFINITY 4 the wellbeing-factor is flying with you.
Arrange a test flight and see it for yourself.

INFINITY INFOS



TECHNICAL DATA

	XS	S	SM	M	L
Start Weight Startgewicht	50-75 kg	55-80 kg	60-90 kg	75-105 kg	95-125 kg
Flat Area Fläche ausgelegt	22,457m ²	24,454m ²	26,45m ²	28,446m ²	30,941m ²
Projected Area Fläche projiziert	18,973m ²	20,66m ²	22,346m ²	24,033m ²	26,141m ²
Flat Wingspan Spannweite ausgelegt	10,817m	11,287m	11,739m	12,174m	12,696m
Projected Wingspan Spannweite projiziert	8,496m	8,865m	9,22m	9,562m	9,972m
Flat AR Streckung ausgelegt	5,21	5,21	5,21	5,21	5,21
Projected AR Streckung projiziert	3,804	3,804	3,804	3,804	3,804
Chord: Center / Wingtip Flügelteiefe: Mitte / Stabulo	2,526 / 0,790 m	2,636 / 0,823 m	2,742 / 0,863 m	2,843 / 0,895 m	2,965 / 0,931 m
V-Trim V-Trim	38-39 km/h	38-39 km/h	38-39 km/h	38-39 km/h	38-39 km/h
V-Max V-Max.	51-52 km/h	51-52 km/h	51-52 km/h	51-52 km/h	51-52 km/h
Bridle height Abstand Tragegurt-Kappe	6,928m	7,229m	7,518m	7,796m	8,13m
Nr. of Cells Zellenanzahl	44	44	44	44	44
Glider Weight Gewicht	4,3 kg	4,7 kg	5,1 kg	5,4 kg	5,8 kg
Bridle length Gesamt Leinenlänge	244,723m	257,573m	269,921m	281,819m	296,129m
Line Diameter Leinenduchmesser	0,7/ 1,0 / 1,2 / 1,4 1,6 / 1,9mm	0,7/ 1,0 / 1,2 / 1,4 1,6 / 1,9mm	0,7/ 1,0 / 1,2 / 1,4 1,6 / 1,9mm	0,7/ 1,0 / 1,2 / 1,4 1,6 / 1,9mm	0,7/ 1,0 / 1,2 / 1,4 1,6 / 1,9mm
Speed System / Trimmer Fuß Beschleuniger / Trimmer	Yes / No Ja / Nein	Yes / No Ja / Nein	Yes / No Ja / Nein	Yes / No Ja / Nein	Yes / No Ja / Nein
Certification Zulassung	No Certification Keine Zulassung	EN-B / LTF-B	EN-B / LTF-B	EN-B / LTF-B	EN-B / LTF-B
Certified standards and procedures Angewandte Testverfahren	LTF 91/09 & EN 926-1:2006, 926-2:2005	LTF 91/09 & EN 926-1:2006, 926-2:2006	LTF 91/09 & EN 926-1:2006, 926-2:2007	LTF 91/09 & EN 926-1:2006, 926-2:2008	LTF 91/09 & EN 926-1:2006, 926-2:2009
Folding lines used for certification Faltleinen für Testflüge benutzt	No Nein	No Nein	No Nein	No Nein	No Nein
Certification No. Zulassungsnummer	No Certification Keine Zulassung	EAPR-GS-0176/14	EAPR-GS-0032/14	EAPR-GS-0177/14	EAPR-GS-0178/14

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COLORS

