



WE DISCOVERED
THE ESSENCE OF DYNAMIC
AND PERFORMANCE,
SO YOU CAN DISCOVER
PURE FUN.









TRINITY

The ultimate fun machine for triple dynamic power

Freestyle soaring on strong wind coast lines, wagga ground training or alpine adventures, the TRINITY redefines dynamic. The mini-wing presents inexhaustible possibilities with concentrated power for the game forms between freestyle and carving – built for playful moments full of agility. The fun-wing was developed in cooperation with the groundhandling expert Mike Küng and realized according to his ideal prospects.

It is idle to introduce the exceptional athlete Mike Küng – the groundhandling luminary is doubtlessly the number one when it comes to the near-ground game with the elements. Mike is a tireless perfectionist and helped introduce groundhandling to the performing public. He is also a perfectionist when it comes to his demands toward his equipment. Therefore when optimizing the TRINITY he was accordingly uncompromising. What emerged is a wing that

carries the authentic DNA by U-Turn and will take the definition 'mini-wing' to a whole new level. The TRINITY is a real all-rounder and is convincing as freestyle glider, when soaring in strong wind, as ground trainer as well as during alpine adventures. The compact wing reacts

very sensitive to control pulses and transforms them directly and instantly. With increasing use of the brakes, high turns are easily put into action. Despite the little surface area the TRINITY offers outstanding performance capability with very good rising features which especially and literally comes into effect during soaring. When in thermal lift the exact handling of the glider in combination with its good will to turn provides unlimited flying pleasure. The high area load gives the wing a compact dynamic with smoothness, nevertheless the reactions are surprisingly soft.

The TRINITY is a multi-talent and aimed at all pilots who are looking for the dynamic game with the elements. As freestyle wing, ground trainer and strong wind mini-wing – the compact wing offers maximal flying pleasure between agility and performance packed onto the smallest possible size.

The small pack size and weight are not just making the TRINITY an indispensable fun machine for every opportunity, but in combination with the outstanding flying features also a reliable companion for alpine adventures. Especially in competitions like the Red Bull Dolomitenmann the wing is completely in its element. Of course the ground trainer and fun wing can be started very easily and effortlessly, so especially in difficult alpine conditions and in competitions that poses a big plus.

Chief designer Ernst Strobl developed a wing profile that combines glide features full of drive with dynamics. Elaborate calculations of the High Pressure Crossport Design (HPCD) are not only causing a weight reduction but also maximize the lateral aeration of the crossports. It gives the wing a balanced internal pressure and provides a fast pressure build-up. The optimized pre-tensioning of the wing and the Precision Profile Nose System (PPN) are providing an ideal flow around the profile. Miniribs and the Brake Gathering System (BGS) are transmitting control pulses to the wing in a precise fashion. A very well-structured line concept with few main lines on three levels simplifies the handling and gives a good overview during groundhandling.

The material mix is designed for long-term durability. To defy the harsh conditions of groundhandling and the alpine usage the wing was uniformly manufactured out of the high-quality top material Dokdo 30. Constructive measures in combinations with the material mix give the glider an optimized performance weight with very high form fidelity and long durability.

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The TRINITY is available in 2 attractive color combinations and sizes 16, 18, 20 and has a LTF-D certification. Let yourself be blown away by the dynamic trinity!

For further information visit www.u-turn.de

TRINITY

LTF/EN-D MINIWING /ALLROUNDER

16 / 18 / 20



	16	18	20
Start weight Startgewicht	60-90 kg	60-110kg	65-120 kg
Flat area Fläche ausgelegt	16,0 m²	18,0 m²	20,0 m²
Projected area Fläche projiziert	13,407m²	15,083m²	16,759m²
Flat wingspan Spannweite ausgelegt	9,295m	9,859m	10,392m
Projected wingspan Spannweite projiziert	7,253m	7,693m	8,109m
Flat AR Streckung ausgelegt	5,4	5,4	5,4
Projected AR Streckung projiziert	3,924	3,924	3,924
Chord: center / wingtip Flügeltiefe: Mitte / Stabulo	2,079 m / 0,591 m	2,205 m / 0,629 m	2,324 m / 0,665 m
V-trim V-Trim	42-45 km/h	41-45 km/h	40-44 km/h
V-max V-Max.	55 + km/h	55 + km/h	53 + km/h
Bridle height Abstand Tragegurt-Kappe	5,862m	6,217m	6,553m
Nr. of cells Zellenanzahl	36	36	36
Glider weight Gewicht	2,9 kg	3,4 kg	3,9 kg
Bridle length Gesamt Leinenlänge	193m	206m	217m
Line diameter Leinendurchmesser	0,6 / 0,95 / 1,2 / 1,65 1,8mm	0,6 / 0,95 / 1,2 / 1,65 1,8mm	0,6 / 0,95 / 1,2 / 1,65 1,8mm
Speed system / trimmer Fuß Beschleuniger / Trimmer	Yes / No Ja / Nein	Yes / No Ja / Nein	Yes / No Ja / Nein
Beschleunigerweg max.way of acceleration	140 mm	140 mm	140 mm
Certification Zulassung	EN / LTF D	–	EN / LTF D
Certified standards and procedures 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
Folding lines used for certification Faltleinen für Testflüge benutzt	No Nein	No Nein	No Nein
Certification No. Zulassungsnummer	EAPR-GS-0523/16	–	EAPR-GS-0538/16

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DOKOO 30



COLOR 01



COLOR 02