



# Instinct TE

## IN TOUCH WITH NATURE

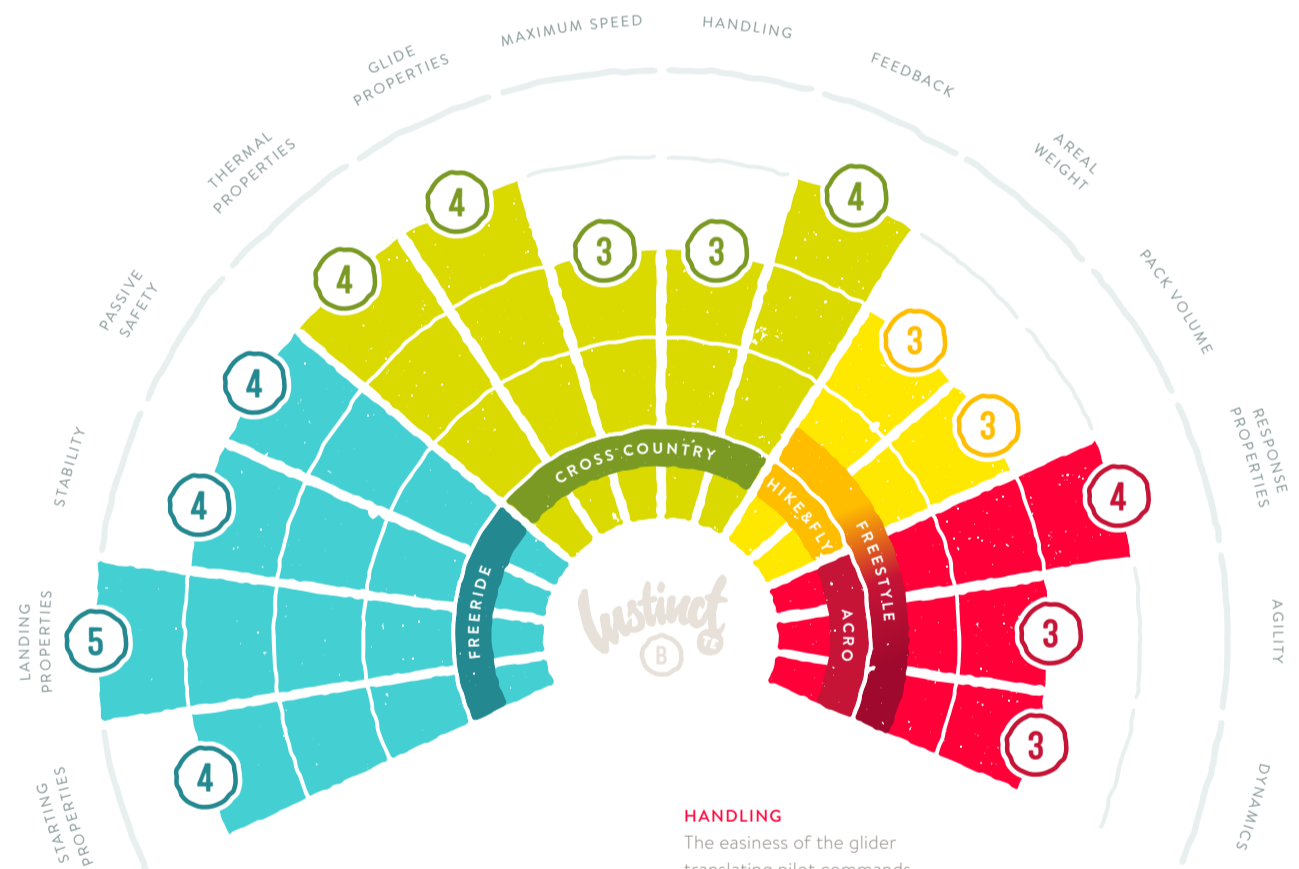
The Instinct TE is our intermediate glider concept. Designed for a wide range of use, dedicated for pilots who want to expand their flying experience.



## WHO IT'S FOR:

Since it performs at a very high level, but is also very pleasant and well-behaving at the same time, the Instinct TE is the perfect glider for all pilots who want to feel comfortable in the air.

It loves going on distance, is your companion while soaring for hours or for flying from the house mountain – The Instinct TE is your buddy!



**STARTING BEHAVIOR**  
Behavior of the glider during the starting phase.

**LANDING BEHAVIOR**  
Behavior of the glider during the landing phase.

**STABILITY**  
The structural stability of the glider in turbulent air.

**PASSIVE SAFETY**  
The safety without pilot intervention.

**THERMAL PROPERTIES**  
The easiness of entering the thermal center and climbing in thermals.

**GLIDE PROPERTIES**  
The lengths of gliding.

**MAXIMUM SPEED**  
The maximal accelerable speed.

**HANDLING**  
The easiness of the glider translating pilot commands.

**FEEDBACK**  
The informations about the flight conditions given from the glider to the pilot.

**AREAL WEIGHT**  
The weight including risers and lines (1=light / 5=heavy).

**PACK VOLUME**  
The volume of the glider in packed state.

**RESPONSE PROPERTIES**  
The response-behavior of the glider to pilot commands.

**AGILITY**  
The maneuverability or mobility of the glider.

**DYNAMICS**  
The potential energy of the glider that can be used.



“A nice and safe fun-glider. A slight pull on the inner A lines is enough to rise the Instinct TE up in the air. There it reveals it’s agility and precise handling: High wingovers are as possible as relaxed cruising, without embarrassing the pilot in any situation.”

Michael Scheck  
TEST PILOT

## THE CHARACTERISTICS

You can feel the small weight immediately at the takeoff: The glider rises easy and soft by itself. Even inexperienced pilots will feel more safety and calmness at the start compared to its predecessor.



V-TAPE TYPE



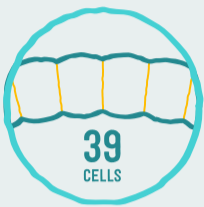
MATERIAL TRANSITION



MINI-RIBS



LINE GEOMETRY



NUMBER OF CELLS

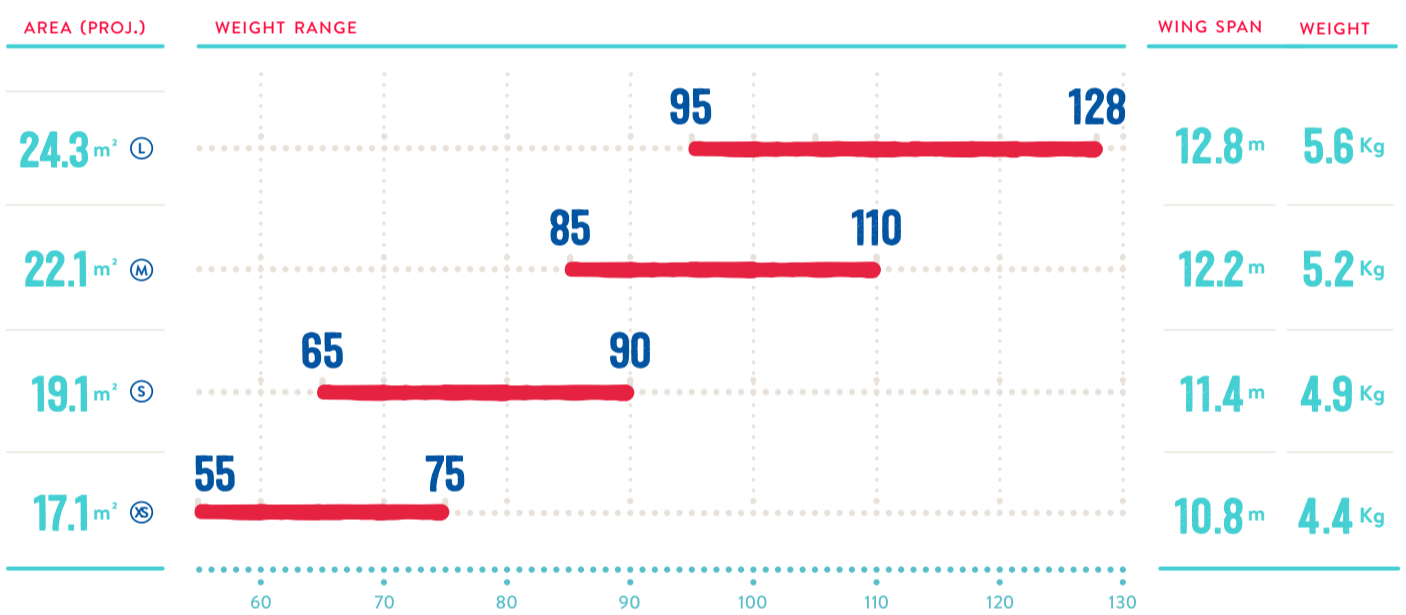


PROFILE TYPE

The Instinct TE is a well-balanced, good-natured and high performant thermal glider in the fair-minded middle range of EN-B. We furthermore increased the top speed to make a better penetration into wind, also the crossing of a valley is much easier now.

The handling was developed to be more precise, the turning behaviour in the thermals rounder and the agility is even better. The Instinct TE helps to feel safe in thermals because it communicates without overreacting.

The Instinct TE is a hybrid 3-liner concept, which results in significant drag reduction and increased performance and glide ratio.



## THE LOOK

Like all the gliders of our product range, the design of the Instinct TE is determined by a unique detail of the Icaro Edelweiss flower – selected to fit every gliders special characteristics and your desire to make a good impression in the sky.

You can choose your style from one of those three color options:



## HOW IT'S MADE

With dedication to the very last detail, the Instinct TE shines with durable Dokdo 30D materials for long-term reliability and safety, perfectly made risers and high-end accessories like the pulleys or magnet holders.

Manufactured at AeroDynamics in Sri Lanka, the worlds biggest and most modern production facility, we ensure highest quality standards and flawless products.