



# Aquila

## IT'S ALL ABOUT STYLE

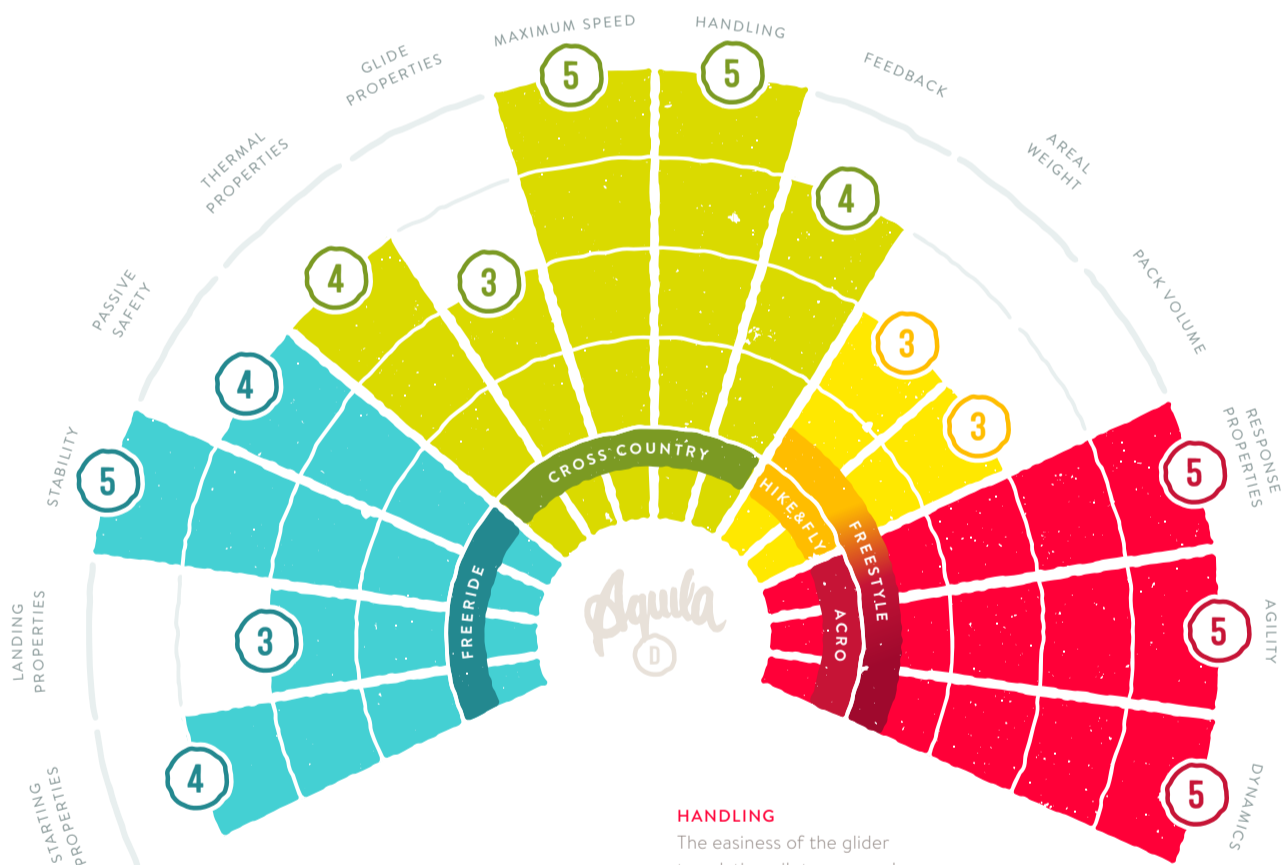
The Aquila is our dedicated freestyle glider. Based on our best thermal profile we were able to combine two worlds: The agility, speed and dynamics of an acro wing and the thermal and handling abilities of a high-level glider.



## WHO IT'S FOR:

The Aquila is designed for all pilots with an intermediate skill level, being into real flying. With it's collapse resistance and high passive

safety, the glider is easy to control and can be handled under difficult conditions. Yet it's agility and performance will thrill even the most skilled pilots.



**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.

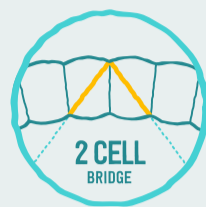


“This glider will take you from takeoff to cloudbase and back in one breath! No matter if you want to thermal, soar or just loop over your wing – Aquila is the most versatile glider I’ve ever flown ...”

Martin Jovanoski  
R&D / TEST PILOT

## THE CHARACTERISTICS

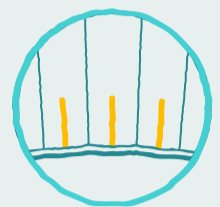
The best thing about the Aquila is, that you can fly it in similar conditions like normal big gliders, plus much more: It is amazingly stable and compact, equally easy to takeoff in weak and strong wind conditions and it loves the thermals ... And despite the small size, it climbs like crazy!



V-TAPE TYPE



MATERIAL TRANSITION



MINI-RIBS

The brakes are very effective, allowing you to slow down the wing, in order to use the weakest thermals or wind for soaring. Beyond that, they're also very precise, making the Aquila highly maneuverable and easy to loop around ...

Despite the high loading, when a collapse occurs, the glider reacts softly and very predictable, making the collapse reacting like an EN-A/B wing.

If you are looking for the ultimate playful wing, the Aquila will allow you to push your flying to the next level.



LINE GEOMETRY



NUMBER OF CELLS



PROFILE TYPE

Due to the gliders construction and size it is much lighter and fits into smaller backpacks. Like all the gliders from our new generation, the Aquila has a very simple, yet very advanced line geometry. Being a hybrid 3-liner with only 2 main lines per side makes the glider more performant and easier at tricky takeoffs.

SIZE	WEIGHT RANGE	WING SPAN	WEIGHT
22m <sup>2</sup> L	80 - 105	10.6m	4.7 Kg
20m <sup>2</sup> M	75 - 95	10.1m	4.5 Kg
18m <sup>2</sup> S	65 - 90	9.6m	4.4 Kg

## THE LOOK

The Aquila highlights the most radical and dynamic design we could extract from the Icaro Edelweiss flower, selected to fit the 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

Manufactured at AeroDynamics in Sri Lanka, the worlds biggest and most modern production facility, we ensure highest quality standards and flawless products. With dedication to the very last detail, the Aquila shines with durable

Dokdo 30D material for long-term reliability and safety, perfectly thin risers and high-end accessories like the pulleys or magnet holders.



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