

**iXess 13 TANARG 912 ES**



**air création**



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# The Tanarg 912 ES trike

The very latest aircraft from, **AIR CREATION** the world's largest producer of flexwing aircraft.

The Tanarg trike receives ES (Extra Silent) treatment. Noise has been reduced by paying attention to the detail of aerodynamics to ensure clean airflow in to the propeller. To do this the exhaust system has been tucked away behind the engine, and the rear and upper fairings have been slimmed down and re-profiled. Coupled with the new 3-blade Arplast propeller and exhaust after muffler, noise emissions have been reduced considerably to class leading status. The aerodynamic refinement has further been boosted with sleeker wheels and wheel fairings.

**The Tanarg 912ES** trike has also been subject to a weight-loss plan with lighter exhaust system, optimized coolant radiator, high performance battery spec. Coupled with the smaller, lighter **iXess 13** wing, total weight loss is 10kg resulting in higher payload capability – ideal for those fly/camping adventures.

**The Tanarg** continues to offer:

- Fantastic styling
- Powerful hydraulic disc brakes on all three wheels
- Quick adjust pedal position for both pilot & passenger
- Adjustable pilot seat position & backrest angle
- Unsurpassed long-range comfort for pilot & passenger
- Three-point harness system with inertia reel shoulder harnesses
- Easy-rig pylon articulation system
- Stainless steel modular space frame construction
- Deep travel hydraulic main gear suspension
- Leading link front fork "anti-drive" suspension
- 65 liter fuel tank
- Spacious enclosed luggage areas
- 120kg per seat occupant capacity
- Panel mount cruise control
- Integral fixing points for ballistic reserve parachute option
- Anti-start & shutdown shake engine support system

**The Tanarg** is available with a choice of three motors, and in red, yellow, or special order colors, among other options.

The **iXess 13** wing

Developed from the two-time world champion winning iXess 15 wing, the iXess 13 boasts higher cruise and maximum speeds. Light and precise roll control and unbeatable stability in rough air.

The sail is constructed with a trilam upper surface which has 3-4 times the UV resistance of the Dacron found on most flexwings, guaranteeing unbeatable longevity. Another unique offering is a custom under-surface design option, where a huge range of shapes, curves, and schemes is possible.

The **iXess 13** is available in standard colors, choice of colors, or customized.

| <b>iXess</b>                     | <b>Tanarg 912</b>   | <b>Tanarg 912S</b>  | <b>Tanarg 912ES</b> |
|----------------------------------|---------------------|---------------------|---------------------|
| Horsepower                       | 80 Hp               | 100Hp               | 100Hp               |
| Span                             | 9.3 m               | 9.3 m               | 9.3 m               |
| Wing area                        | 13.5 m <sup>2</sup> | 13.5 m <sup>2</sup> | 13.5 m <sup>2</sup> |
| Height                           | 3.45 m              | 3.45 m              | 3.45 m              |
| Empty weight                     | 237 kg              | 241 kg              | 234 kg              |
| Payload                          | 213 kg              | 209 kg              | 216 kg              |
| Gross weight                     | 450 kg              | 450 kg              | 450 kg              |
| Minimum speed                    | 62 km/h             | 62 km/h             | 62 km/h             |
| Maximum level speed              | 145 km/h            | 155 km/h            | 150 km/h            |
| Best fuel consumption at 85 km/h | 8 l/h               | 8 l/h               | 8 l/h               |
| Climb rate                       | 5 m/s               | 5,8 m/s             | 5.6 m/s             |

\* Performance figures are given for a 180 kg load.

## **Certifications :**

The Tanarg is in compliance with **BCAR section S in the UK**, with **LSA regulations in the USA**, and has already been certified by the **DULV in Germany + DGAC in Spain**