

Rotax 912 iS Sport: Strong, Efficient, Safe
SMARTstart: Engine Start-Up made easy
Avionics: The Finest Available



Here's the fun part.
Comfortable. Safe. Versatile.

REMOS
GXIS

REMOS GXiS: Finest German Engineering

We have one mission at REMOS, **striving for perfection**. From our facility located in the north-eastern part of Germany in Mecklenburg-Western Pomerania, we started the development of our latest GX Series aircraft.

Our vision was to make flying in a REMOS as **safe and easy** as possible. We also wanted to further reduce the low operating cost of our GX Series aircraft by installing a highly efficient engine. The result of our effort is the REMOS GXiS, the natural progression in our GX Series aircraft.

A **fuel injected Rotax engine**; a state-of-the-art avionics suite; an extraordinary design; a single lever that controls both power and brakes – all these features and more are combined in our new GXiS.

Forever young

There are REMOS aircraft flying with over 4,000 hours and 20,000 take offs and landings operating in flight schools around the world **without structural compromise**. This is our idea of the perfect aircraft – made in Germany.

REMOS



Design Meets Technology

The redesigned cowling with its distinctive air intakes gives the REMOS GXiS a dynamic appearance.

We've powered the GXiS with the fuel efficient Rotax 912 iSport engine with **electronic fuel injection**.

The cockpit offers a second to none avionics suite featuring **Dynon SkyView flight displays**. Cockpit ergonomics have been redesigned for better pilot feel and flight experience.



Safety First

The GXiS, like all GX Series aircraft, is built with carbon fiber materials offering extreme light weight and incredible strength.

The cockpit comes reinforced with layers of aramid for increased safety. With these strong and lightweight materials, the REMOS GX Series aircraft has one of the **highest payloads in its class**.

As an added safety feature, the GXiS comes standard with a ballistic parachute recovery system.

Experienced craftsmanship



Rotax 912 iS Sport: Smart and Efficient



The GXiS comes with the new **Rotax 912 iS Sport** (74 kW/100 PS) electronic fuel injected engine. This technology makes the GXiS more efficient and reliable than any previous REMOS model.

A sharp new cowling was designed to facilitate the air intake and engine cooling. The REMOS GXiS was carefully engineered and successfully integrates the Rotax 912 iS Sport for a **10% reduction in fuel consumption** and increased climb and cruise performance using a **DUC Hélices propeller**.

REMOS engineers have revolutionized the start-up procedure in the GXiS. After the start button is pressed, the **SMARTstart technology** checks and evaluates engine parameters. The engine automatically starts once these parameters meet specified thresholds.



Amazing: Flight Characteristics

Having extreme docile flight characteristics, the REMOS GXiS flight controls are **very light and responsive**.

Between the responsiveness and well-balanced structure, the GXiS exhibits great maneuverability and benign stall characteristics. **With a cruise speed of 100 kts**, the REMOS easily holds its own in cross-country performance. The exceptional visibility gives you a great flight picture, making your flight easier and more enjoyable.



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SkyView

The core of the avionics suite is the Dynon SkyView, available in both a 7 and 10-inch screen. Both screens are available in the latest HDX edition, which has an extra bright touch display and higher resolution.

Navigation and More

The Garmin GTN 750 WAAS GPS/NAV/COM, used to expand navigational awareness and communication, is also available. This outstanding asset is fully certified and meets the highest standards.

ADS-B

By 2020 ADS-B out will be mandatory in the U.S. Every REMOS GXiS currently meets this regulation. Optionally, ADS-B in is available for enhanced collision avoidance and real time weather information.

Avionics: The Finest Available

You should expect nothing but the best from REMOS, especially when it comes to avionics!

We deliver your REMOS GXiS with the best avionics available, manufactured by **Dynon, Garmin and PS Engineering.**

Every REMOS GXiS comes with a **Dynon SkyView**, available in both a 7 and 10-inch screen. You can choose from several GPS devices like Garmin GTN750, aera660 or aera795.

You need a second radio or an advanced NAV/COM equipment? No problem at all. Analogue instruments and a compass are available as add-ons as well. The autopilot by Dynon reduces the pilot's work load on extended cross country flights.

Another benefit is that every REMOS fulfills the **ADS-B** out regulation that will become mandatory in 2020 in the U.S. today.

In Europe an **s** is required – this also comes as standard in every REMOS.



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Versatility

Glider Towing

The REMOS GXiS is perfectly suited for towing gliders. A **tow hook option** is available on all REMOS aircraft. Thanks to the efficient Rotax 912 iS Sport engine you can reduce the cost for towing operations significantly.

Foldable Wings

One of the most convenient, yet underestimated features REMOS offers is foldable wings. By owning a REMOS GXiS, you can **eliminate the costly hangar fees** associated with owning an airplane. Simply fold the wings after your flight, put it on a trailer, and use your **garage as your hangar**. Within minutes, two people can fold the wings and your REMOS is ready for transport!



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GXiS: Perfect Trainer

The REMOS GXiS is the perfect aircraft for flight training.

Aside from benefiting from its top-tier flight characteristics and high payload, adding a REMOS to your fleet will boost your flight schools revenue.

Between the low operating costs and maintenance expenses, the REMOS GXiS is arguably the most cost effective aircraft used for flight training.

Thanks to its state-of-the-art avionics, the REMOS GXiS is equipped for primary through IFR training and part of the Commercial/CFI ratings.

Doors off!

You can make your REMOS a convertible – it's only a matter of minutes to remove both doors. That's the ultimate fun on warm summer days. By the way, photographers also love this feature.





Seats leather „Cinnamon“



Seats fabric



Interior & Comfort

It's very important that you feel comfortable in the cockpit of your airplane!

That's why REMOS created the GXiS cabin to be 4 inches wider than the well-known Cessna 172.

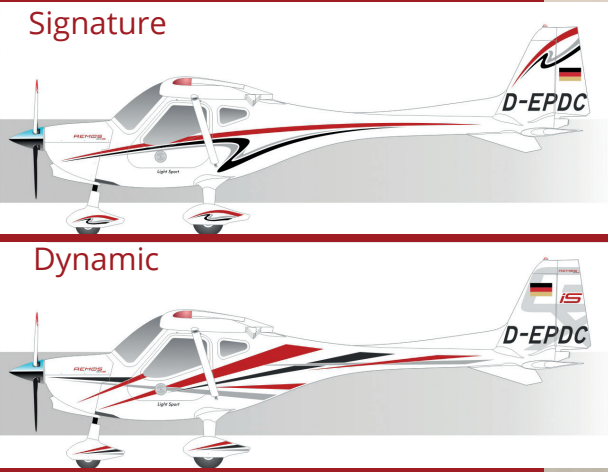
You have the choice between two different REMOS carbon seats to choose from. One is a dark leather-fabric combination and the other is a beautiful cinnamon leather. The REMOS GXiS offers the latest in style, comfort, cockpit innovations, and safety features.

Exterior Design

The REMOS GXiS is available in one of two sleek exterior design schemes, Signature or Dynamic.

Each unique style emphasizes the aerodynamic shape of the REMOS GXiS.

Both schemes are available in multiple color combinations.



I feel so beautiful.



Data

Engine: Rotax 912 iS Sport
Rated at: 74 k/100 hp
Propeller: DUC Hélices Flash

Performance

cruise speed at 5000 rpm	102 KTAS
take-off roll distance	615 ft
take-off distance over a 50 ft object	1053 ft
best climb	840 ft/min
maneuvering load factors	+4/-2 g
range at 4200 rpm	790 NM
fuel consumption at 4200 rpm	2.4 gph

Dimensions

wing span	30' 7"
length	21' 8"
height	7' 6"
wing area	118 sqft
cabin width	3' 11"

Speeds

stall speed flaps (V_{S0})	42 KIAS
speed for best rate of climb (V_Y)	60 KIAS
max. speed with flaps extended (V_{FE})	78 KIAS
maneuvering speed (V_A)	88 KIAS
normal operating speed (V_{NO})	107 KIAS
max. horizontal speed (V_H)	118 KIAS
never exceed speed (V_{NE})	134 KIAS

Weights

empty weight	from 750 lb
max. take-off weight	1320 lb
fuel capacity	22 gal/141 lb

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Contact

Internet: remos.com
E-Mail: info@remos.com
Phone: +49 3973 225 519-0



facebook.com/remos.light.sport.aircraft/



instagram.com/remos_ag/

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REMOS AG
Franzfelde 31
17309 Pasewalk
Germany

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