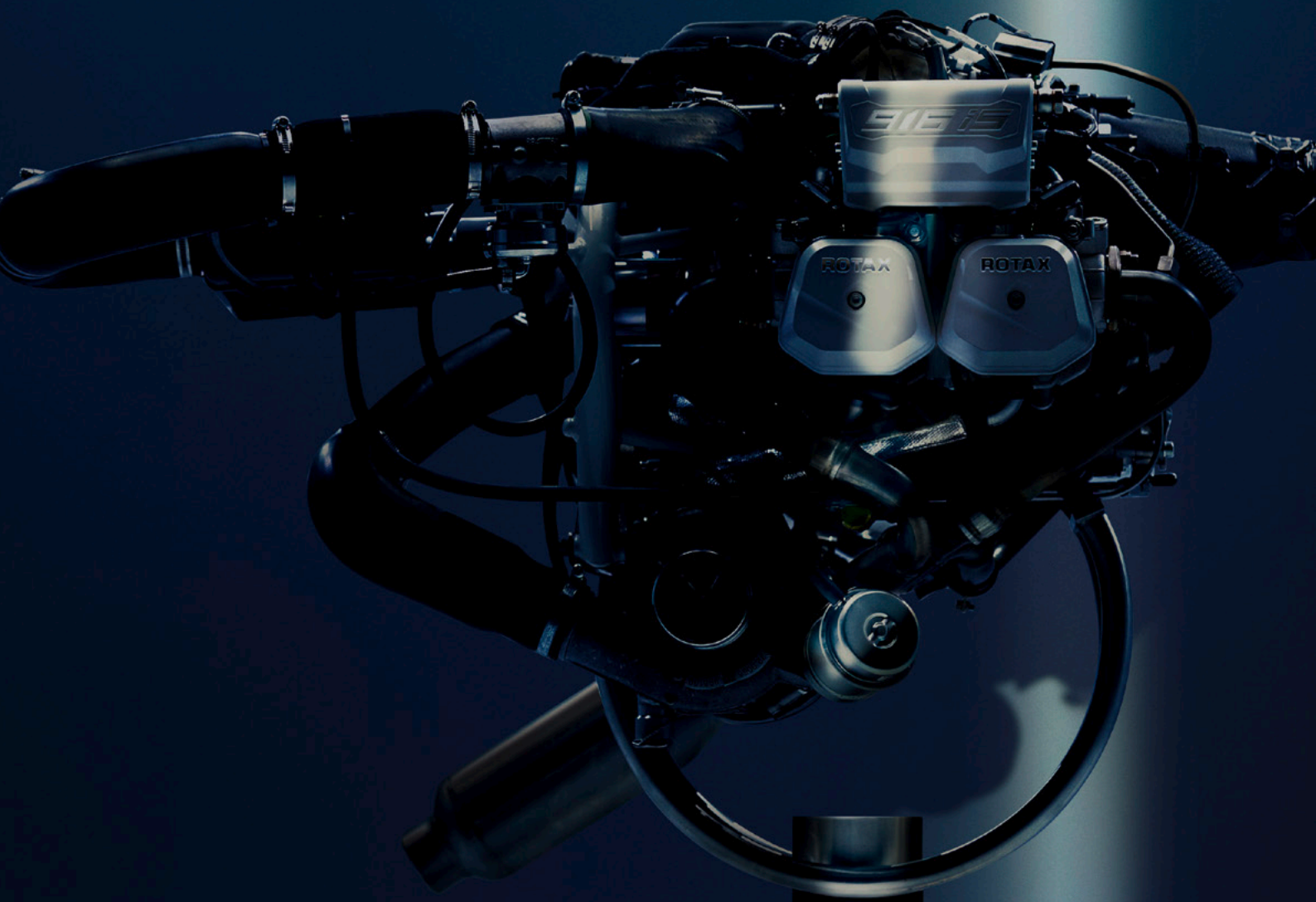


ROTAX®



**ROTAX 916 iS/c.
THE IMPOSSIBLE
ENGINE.**

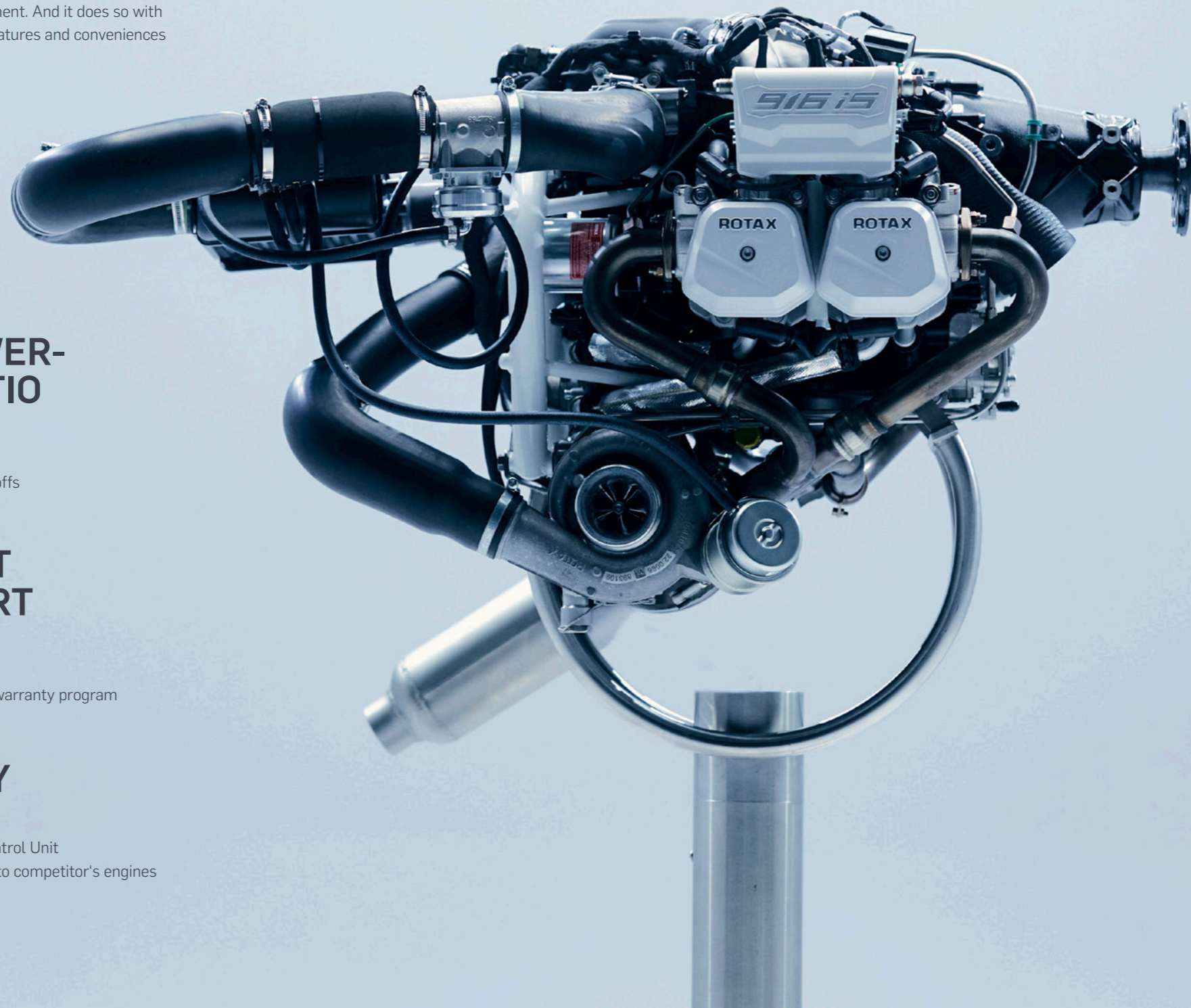
THE MASTERPIECE THAT MARKS A NEW ERA.
FLYROTAX.COM



BRING YOUR CHALLENGES.

WE'VE GOT THE MASTERPIECE.

Some say it's a milestone. Others call it a masterpiece. Rotax has done the impossible. At just 85.8 kilograms, the new 916 iS/c is lightweight, but its inner values pack a heavy punch. Its powerful 160 hp opens a world of new possibilities. With the 916 iS/c, Rotax graduates to the four-seater segment. And it does so with an impressive 24 Volt option for more features and conveniences in the cockpit.



EFFICIENT POWER-TO-WEIGHT RATIO

- 160 hp at just 85.8 kg
- Enough power for 4-seater
- Steeper climb for short-runway take-offs

FINISHED RIGHT FROM THE START

- Launched with a full 2,000-hour TBO
- Proven and certified reliability
- Eligible for Rotax Care, our extended warranty program

iS TECHNOLOGY

- Optimal automatic fuel-air mixture
- Redundantly implemented Engine Control Unit
- Outstanding fuel economy compared to competitor's engines

916 iS A | iSc A | iS C24 | iSc C24 **160 HP**

Dynamic, turbocharged iS engine with best power-to-weight ratio, full take-off power, and a maximum operating altitude up to 23,000 feet.

- Four-stroke piston engine with four liquid and air-cooled cylinders
- Redundant electronic fuel injection and ignition, eco mode
- Turbocharger, stainless steel exhaust
- Dry sump forced lubrication with separate oil tank, automatic adjustment by hydraulic valve tappets
- Engine management system (EMS)
- Electric starter (12 or 24 Volt)
- Propeller speed reduction gearbox
- Intercooler
- TBO 2,000 hrs
- Maximum operating altitude 23,000 feet
- Critical altitude 15,000 feet (maximum continuous power)

WEIGHT	kg	lb
Engine with propeller speed reduction gearbox i = 2,54 with overload clutch, turbocharger, intercooler, exhaust system	85.8	189
Engine suspension frame	2.0	4.4
External alternator	3.0	6.6
Air guide baffle	0.4	0.8

PERFORMANCE		
117 kW	160 hp	5,800 1/min
**101 kW	137 hp	5,500 1/min

TORQUE		
193 Nm	142 ft lb	5,800 1/min
175 Nm	129 ft lb	5,500 1/min

BORE		STROKE	
84.0 mm	3.31 in	61.0 mm	2.4 in

DISPLACEMENT		FUEL*
1,352 cm ³	82.6 cu in	min. MON 85 RON 95 min. AKI 91

Engine performance may vary depending on, among other things, general conditions, ambient temperature and altitude.

* leaded, unleaded, AVGAS 100LL, Ethanol 10
** max. continuous power at 5500 1/min

iS: ASTM compliant | iSc: certified according to EASA CS-E

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