

AE300/AE330 Key Benefits

SINGLE POWER LEVER CONTROL. LESS FUEL CONSUMPTION. BETTER PERFORMANCE.



GLOBAL SUPPORT



OPERATION
> 1,000,000 flight hours



PRODUCTION
> 1,500 engines in service



OPERATING COSTS
23 EUR/h



SAFE DESIGN
MTBF
> 100,000 h



TBO
1,800 h

Reliability

State of the art technology ensure highest levels of safety and minimal fuel costs. Modern common rail technology provides the highest levels of reliability. With a redundant EECU system the engine is failsafe.

Multi-Fuel Use

Given that the AE300 is multi-fuel certified, easy worldwide operability is not a problem unlike Avgas engines, because in certain regions of the world Avgas is hard to get and often at multiple the price of Jet Fuel.

Overhaul

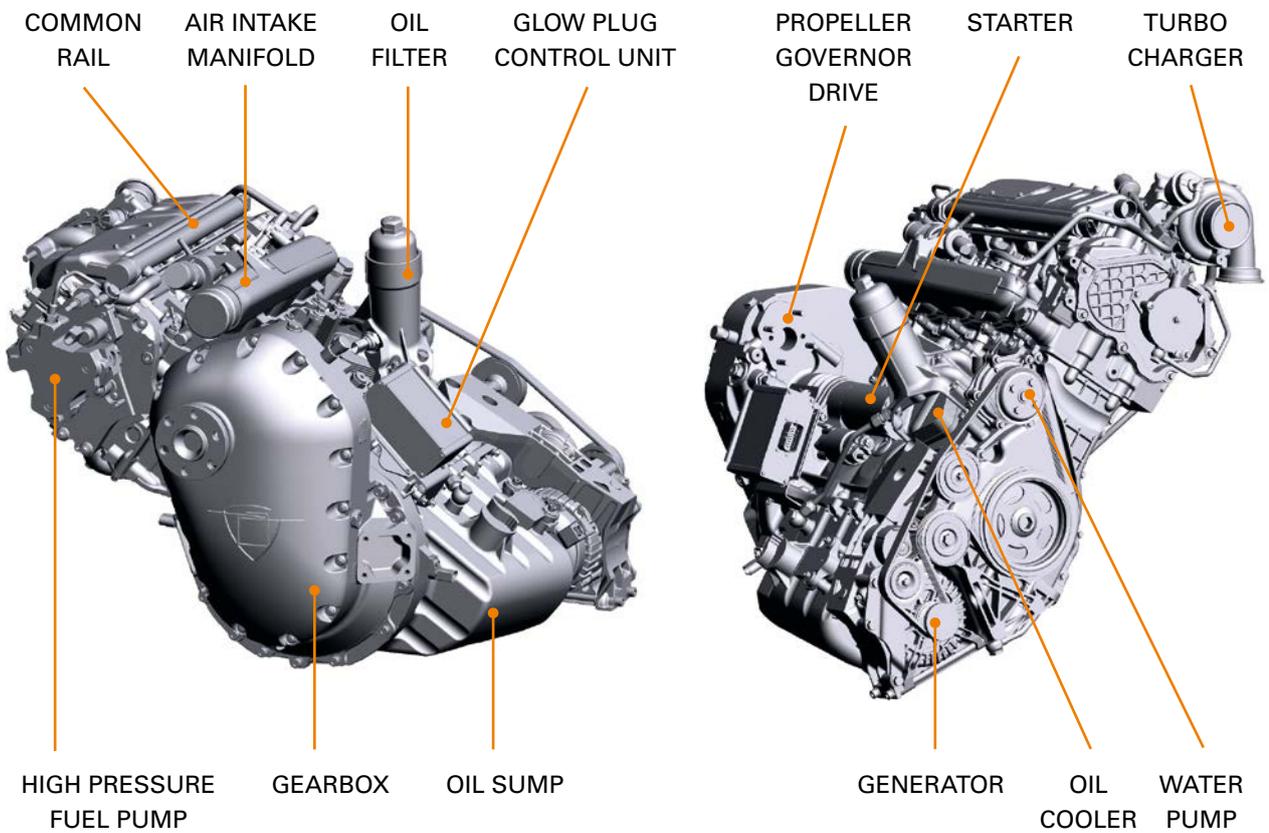
In comparison to our competitors our engines are overhauled instead of being replaced, which makes the AE300/ AE330 the most cost efficient engine on the market.

Performance

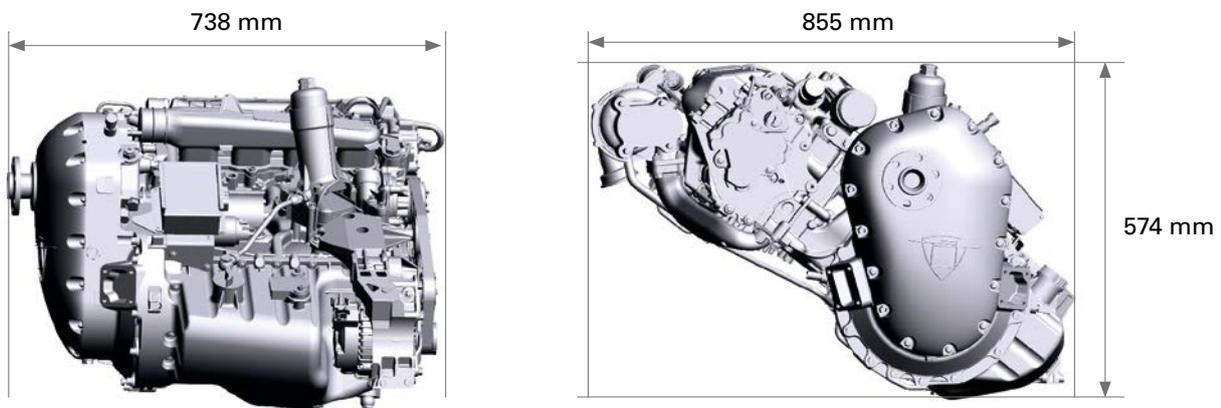
The AE300 produces 123.5 kW and the AE330 132 kW for take off and maximum cruise power. The low vibration level and the single power lever design improve the engine operation comfort and take a lot of workload from the pilot. This makes the engine the ideal powerplant for flight schools, private pilots and even special mission aircraft.



AE300/AE330 Part Description



AE300/AE330 Dimensions



AE300 Facts & Specifications

General

The AE300 is a four cylinder two liter piston engine, burning various kinds of Jet Fuel and developing 123.5 kW. The engine is controlled by an active electronic system with integrated single power lever design. Current TBO is 1,800 hrs.

Scope of Supply

- Core Engine • Gearbox • High Pressure Fuel Pump
- Power Lever Sensors • Fly Wheel • Generator
- Voltage Regulator • EECU • Starter
- Glow Plug Control Unit • Engine Harness

Specifications

Max. take off power	123.5 kW (168 hp)
Max. continuous power	123.5 kW (168 hp)
Max. torque	512 Nm
Max. RPM	2,300 min ⁻¹
Displacement	1,991 cm ³ (121.5 cu.in)
Weight (dry)	186 kg (410 lb)
Fuel	Kerosene and Diesel (EN590)
Fuel consumption	at 100% power 35 l/h
Fuel consumption	at 60% power 19 l/h

