

# 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

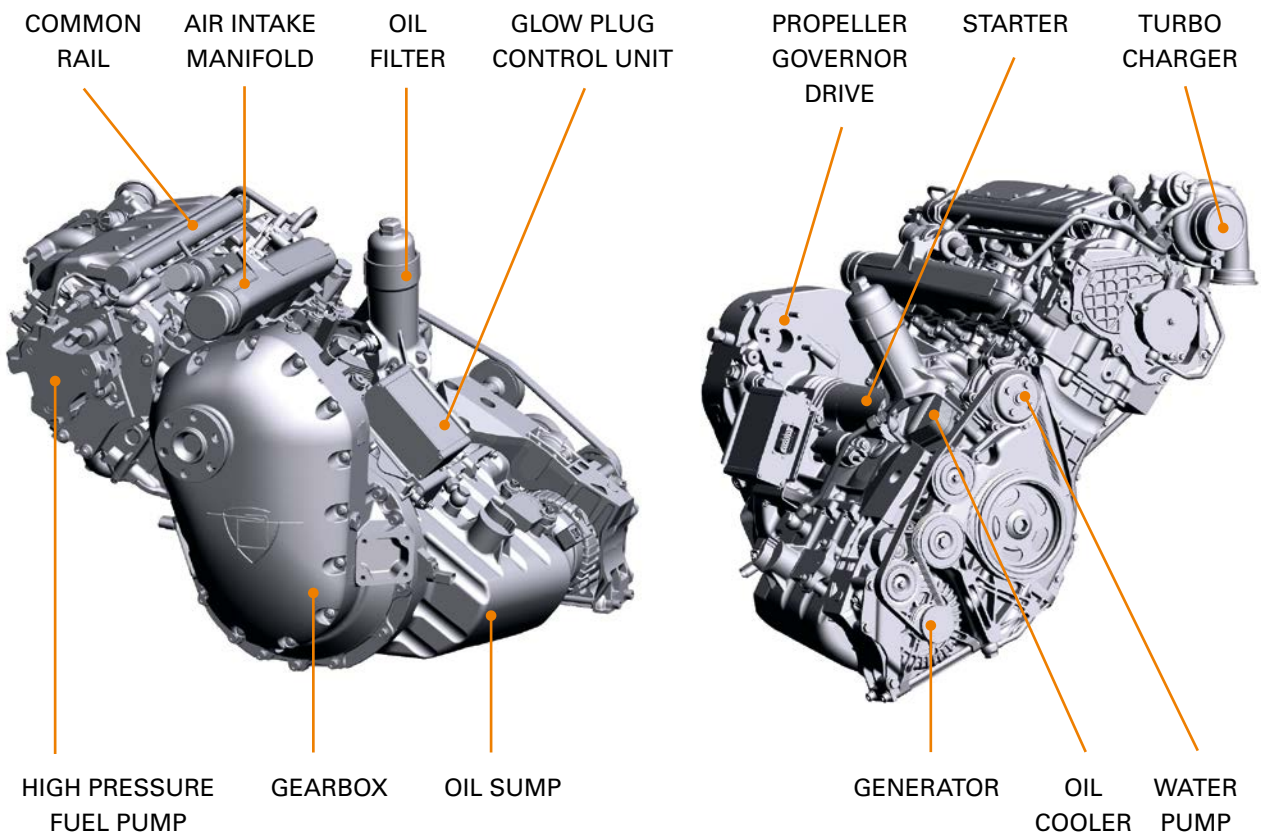
In comparison to our competitors our engines are overhauled instead of being replaced, which makes the AE300/ AE330 the most cost efficient engine on the market.

## Performance

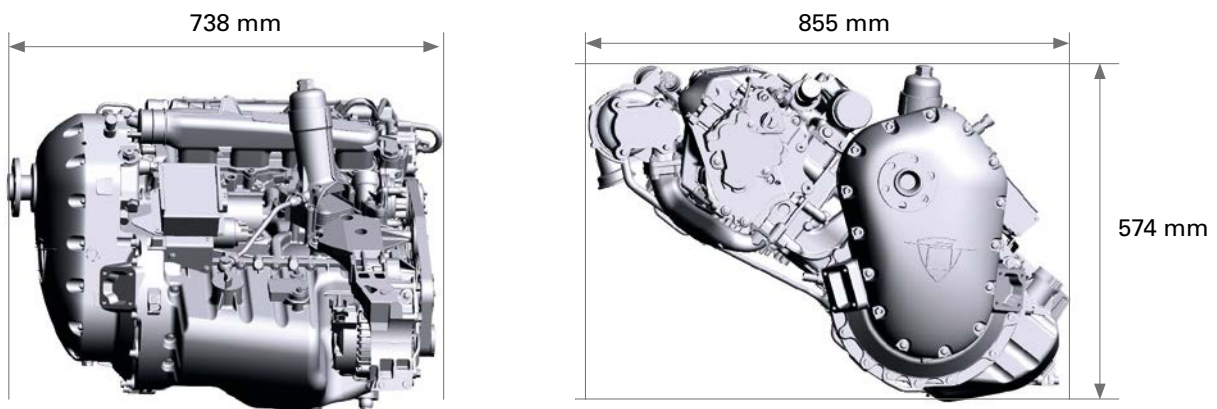
The AE300 produces 123.5 kW and the AE330 132 kW for take off and maximum cruise power. The low vibration level and the single power lever design improve the engine operation comfort and take a lot of workload from the pilot. This makes the engine the ideal powerplant for flight schools, private pilots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



## AE300/AE330 Part Description



## AE300/AE330 Dimensions



# AE330 Facts & Specifications

## General

The most powerful heavy fuel engine in its class. Based on the successful and reliable AE300, the next generation engine has evolved: the AE330. It provides more power than the AE300 at the same weight. Great fuel efficiency, reliability and easy operation make the AE330 the best aviation engine of today and the future.

## 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	132 kW (180 hp)
Max. continuous power	126 kW (171 hp)
Max. torque	550 Nm
Max. RPM	2,300 min <sup>-1</sup>
Displacement	1,991 cm <sup>3</sup> (121.5 cu.in)
Weight (dry)	186 kg (410 lb)
Fuel	Kerosene
Fuel consumption	at 100% power 39 l/h
Fuel consumption	at 60% power 21 l/h

