Reliability
State of the art technology ensures 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

COMMON RAIL
AIR INTAKE MANIFOLD
OIL FILTER
GLOW PLUG CONTROL UNIT
PROPELLER GOVERNOR DRIVE
STARTER
TURBO CHARGER
HIGH PRESSURE FUEL PUMP
GEARBOX
OIL SUMP
GENERATOR
OIL COOLER
WATER PUMP

AE300/AE330 Dimensions

738 mm

855 mm

574 mm
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

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. take off power</td>
<td>123.5 kW (168 hp)</td>
</tr>
<tr>
<td>Max. continuous power</td>
<td>123.5 kW (168 hp)</td>
</tr>
<tr>
<td>Max. torque</td>
<td>512 Nm</td>
</tr>
<tr>
<td>Max. RPM</td>
<td>2,300 min⁻¹</td>
</tr>
<tr>
<td>Displacement</td>
<td>1,991 cm³ (121.5 cu.in)</td>
</tr>
<tr>
<td>Weight (dry)</td>
<td>186 kg (410 lb)</td>
</tr>
<tr>
<td>Fuel</td>
<td>Kerosene and Diesel (EN590)</td>
</tr>
<tr>
<td>Fuel consumption at 100%</td>
<td>at 35 l/h</td>
</tr>
<tr>
<td>Fuel consumption at 60%</td>
<td>at 19 l/h</td>
</tr>
</tbody>
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