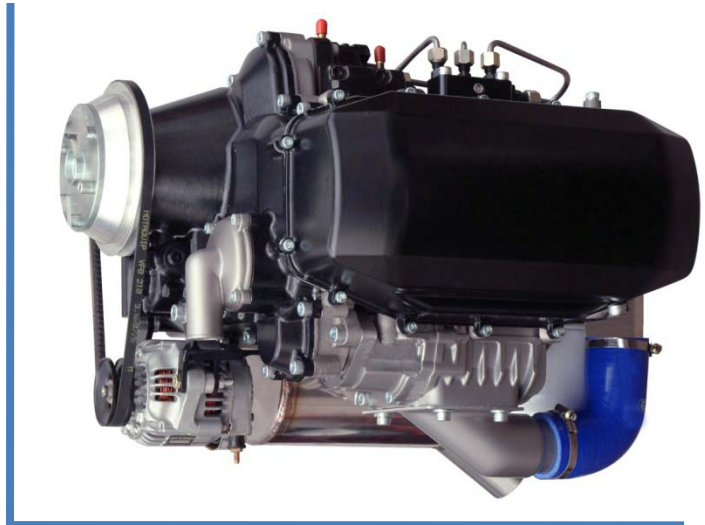




# Powerplant Developments

## *Gemini 100*

### Specifications



<b><i>Engine Type:</i></b>	<b><i>Opposed Piston, 2-Stroke</i></b>
<b><i>Number Cylinders:</i></b>	<b><i>3 Cylinders – 6 Pistons</i></b>
<b><i>Bore &amp; Stroke:</i></b>	<b><i>68.7 x 72 mm</i></b>
<b><i>Displacement:</i></b>	<b><i>1600 cc / 1.6 litres</i></b>
<b><i>Rated Power:</i></b>	<b><i>100 BHP @ 2500 RPM</i></b>
<b><i>Propeller Reduction Ratio:</i></b>	<b><i>1.6:1</i></b>
<b><i>Specific Fuel Consumption (75% Cruise):</i></b>	<b><i>0.40*</i></b>
<b><i>Dry Weight:</i></b>	<b><i>155.43 lbs / 70.5kg**</i></b>
<b><i>Electrical Supply:</i></b>	<b><i>24v 45amp</i></b>
<b><i>Fuel System:</i></b>	<b><i>High Pressure System</i></b>
<b><i>Fuel Type:</i></b>	<b><i>Diesel / Jet A</i></b>
<b><i>Crankshafts:</i></b>	<b><i>2-each, One Piece Forged</i></b>
<b><i>Oil System:</i></b>	<b><i>Dry Sump, Remote Cooler</i></b>
<b><i>Oil Filter:</i></b>	<b><i>Full Flow Spin On</i></b>
<b><i>Direction of Rotation:</i></b>	<b><i>Counter Clockwise (viewed from front)</i></b>
<b><i>Engine Mounts:</i></b>	<b><i>Rear, Dynafocal or Bottom</i></b>

*\*Depending on installation 4.5 to 4.75 gal/hr*

*\*\* Includes Starter and Alternator*

GEMINI 100 PREDICTED POWER CURVES

19/6/07

