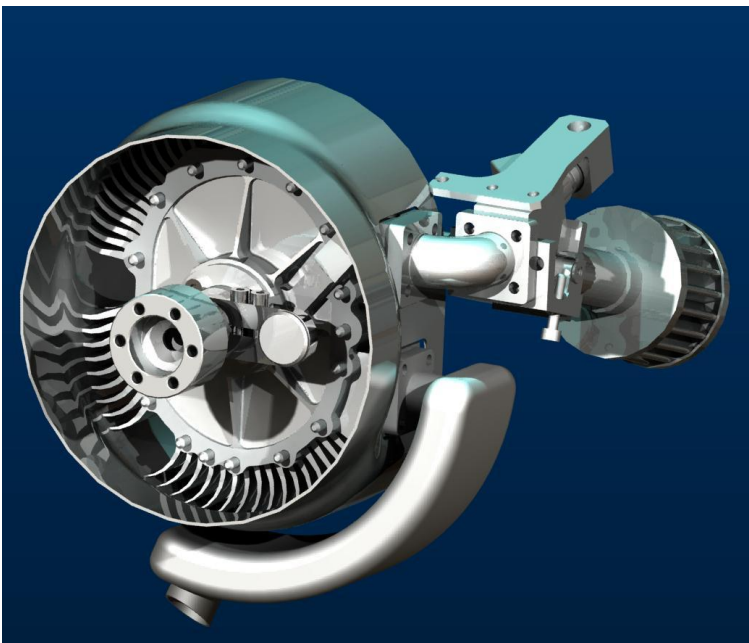


The *Sonic* range of engines are of the air cooled Wankel rotary type. Exceeding high power to weight ratios and very low vibrations makes them ideal for Unmanned Air Vehicle (UAV) applications.

All engines in the *Sonic* range are designed to run on either Gasoline or Heavy Fuel. Utilising the latest fuel injection and engine management technologies they are also highly efficient for their size and power

Design

- ✓ Air Cooled
- ✓ High power to weight ratio
- ✓ Low Vibration
- ✓ Lightweight construction
- ✓ Recirculation oil system
- ✓ Electronic engine management
- ✓ Extensive use of high tech materials.
- ✓ Flexible Power possibilities from 3 to 7hp with simple design alterations



Specifications

- ✓ 30cc Single rotor Wankel
- ✓ Power: 5hp at 8000rpm.
- ✓ Reduction drive version upon request (3:1)
- ✓ Weight 1.5kg (3.3lbs) Dry – all ancillaries
- ✓ Cooling Vehicle air flow min 60mph at full power.
- ✓ Integral cooling option available
- ✓ Fuel system: Electronic fuel injection
- ✓ Automatic altitude compensation.
- ✓ Ignition system: via ECU
- ✓ Fuel: Gasoline or JP8 (JET A1)
- ✓ Integral generator upon request

Note: The Sonic30 will be available June2008. We are however offering the pre-mix version of the Sonic30 for vehicle/engine integration purposes. The flight weight ECU will be available June 2008 enabling flight testing of the engine / vehicle package. The recirculation oils system version should be available shortly after that.

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