Freedom Motors

The 4-Cycle Rotary Rotapower® 1300 Engine

The Power of Freedom

- Based on Wankel rotary engine design
- Low emissions
- Fuel efficiency
- High power to weight ratio
- Very low vibration
- Low cost to maintain

Outstanding Compact Power

Power to weight is:

- Superior to typical two-stroke engines
- 75% better than four-stroke piston engines
- 125% better than diesel engines

Superior Emissions Performance

- Tested by California Air Resources Board
- Less than 25% of two-stroke engine emissions
- Substantially less emissions than a four-stroke piston engine when operating at higher RPM.
- Meets 2008 EPA guidelines without catalyst

Durability

- Low vibration
  - Rotary motion--No reciprocating motion
  - Dynamically balanced
- Simplicity
  - Low moving part count
  - No timing chain, valves, camshaft, push rods, connecting rods, etc.
- Charge-cooled rotor eliminates costly and complex components to cool rotor
- Liquid cooled housings provide efficient heat removal

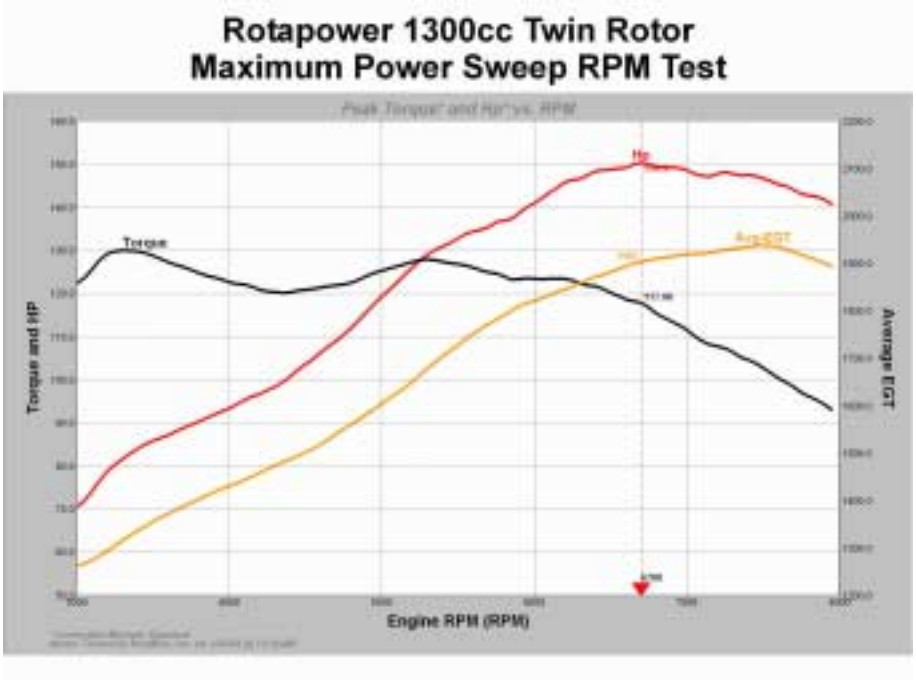




Freedom Motors
1222 Research Park Drive
Davis, CA 95616 USA
Telephone: 530-756-1230 • Facsimile: 530-756-5179

Specifications

- Dual rotor, 1300cc displacement
- 150 HP @ 6,700 RPM
- 153 lbs
- 893mm L x 441mm W x 454mm H (22.7”-L x 17.4”-W x 17.9”-H)
- Gasoline carburetor (standard)*
- Fuel injection (optional)
- Electric starter
- Spark ignition
- Coolant pump
- Metered oil lubrication system
- 32 Amp generator coil (standard)
- Specifications for battery, exhaust and cooling system provided
- Metric standard design

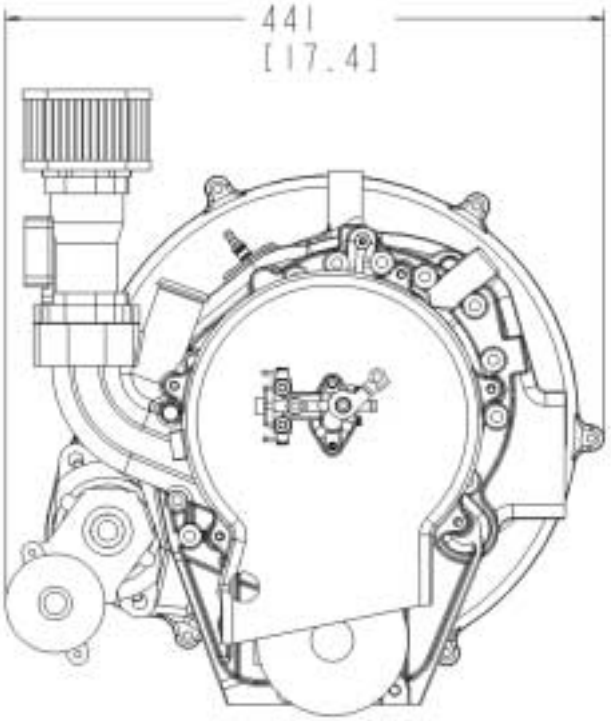


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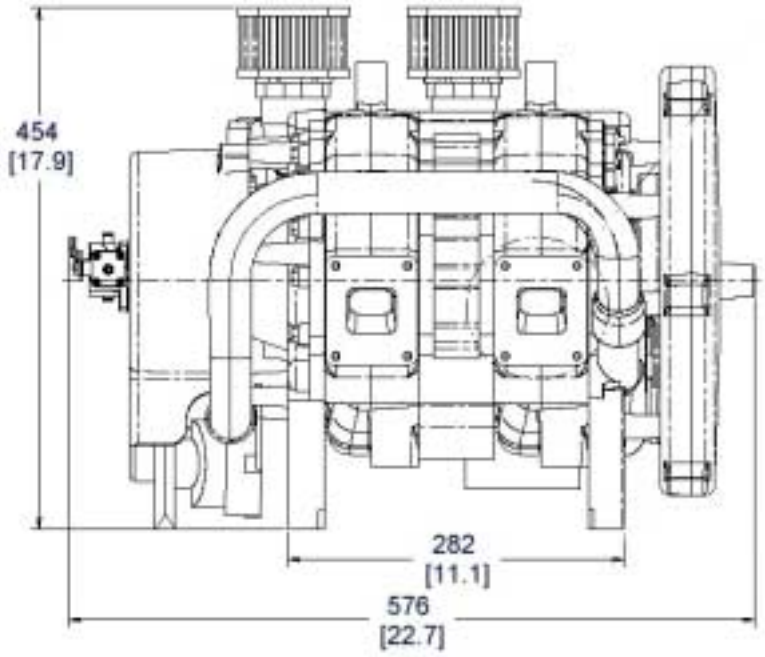
- Incorporated in the State of Nevada, April 1997
- Exclusive worldwide right to manufacture and distribute the Rotapower engine for all applications except ducted fans and aircraft

Price per unit (beta engines)

- $7,200 (FOB Davis, CA)



Rotapower 1300 – End View



Rotapower 1300 – Side View

* **Configurable for other light fuels such as natural gas, alcohol, propane, etc. at additional cost.**

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