



# Freedom Motors

The 4-Cycle Rotary Rotapower® 1300cc Engine

## The Power of Freedom

- Based on Wankel rotary engine design
- Fuel efficient in compound form
- Very low vibration
- Low cost to maintain

## Outstanding Compact Power

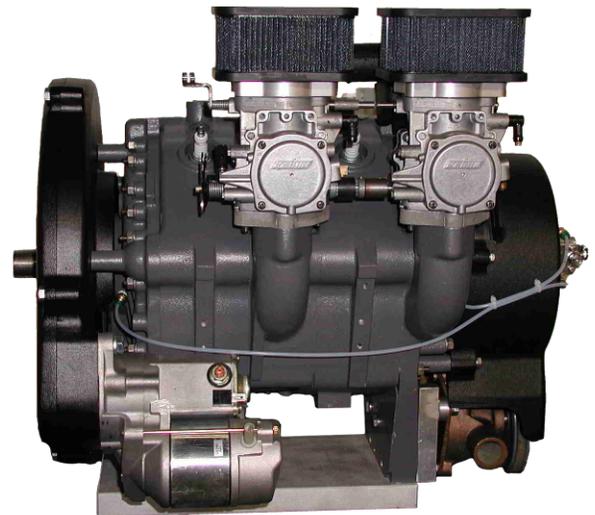
- equivalent to 2600cc 4-stroke piston displacement
- Power to weight is:
  - Superior to typical two-stroke engines
  - 75% better than four-stroke piston gasoline engines
  - 125% better than diesel engines

## 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

## Superior Emissions Performance

In tests witnessed by Dr. Andrew Burke from the Institute of Transportation Studies (ITS), UC Davis, emissions from the Rotapower engine on gasoline were substantially below the Ultra Low Emissions Vehicle (ULEV) standard for California. In recent tests on ethanol the emissions were below the Super Ultra Low Emissions Vehicle (SULEV) standard.



## Freedom Motors

410 Gateway Plaza, Suite G  
Dixon, CA 95620 USA

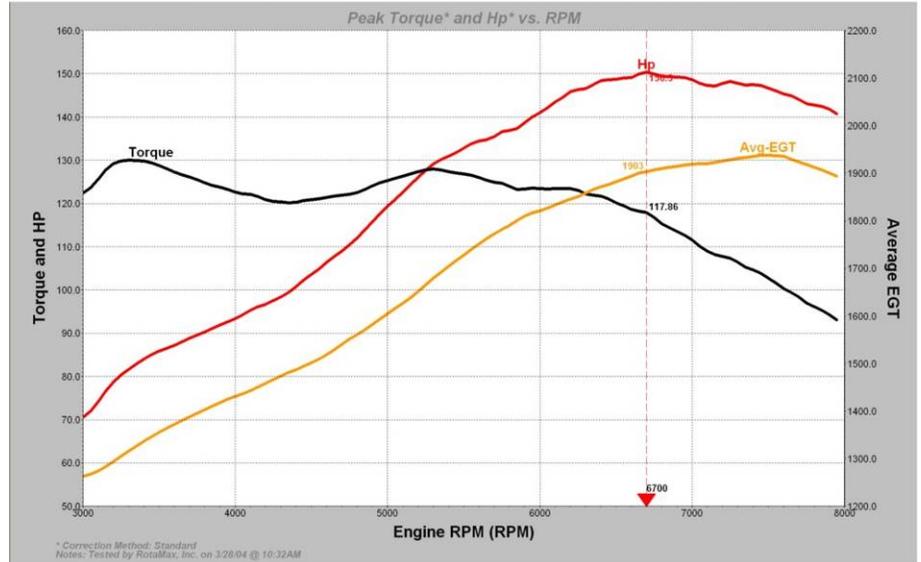
Telephone: 530-756-1230 • Email: [sales@freedom-motors.com](mailto:sales@freedom-motors.com)  
[www.freedom-motors.com](http://www.freedom-motors.com)

*Experience the Power of Freedom*

## Rotapower 1300cc Twin Rotor Maximum Power Sweep RPM Test

### 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

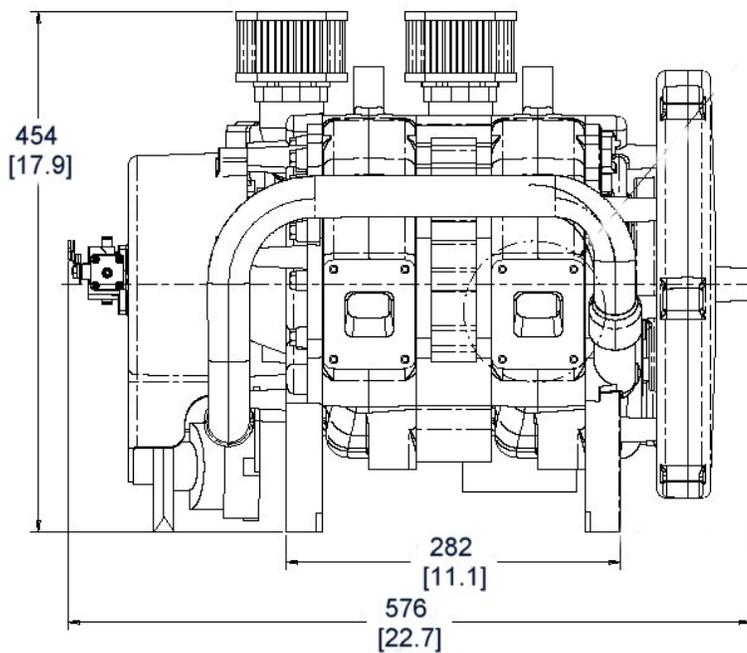


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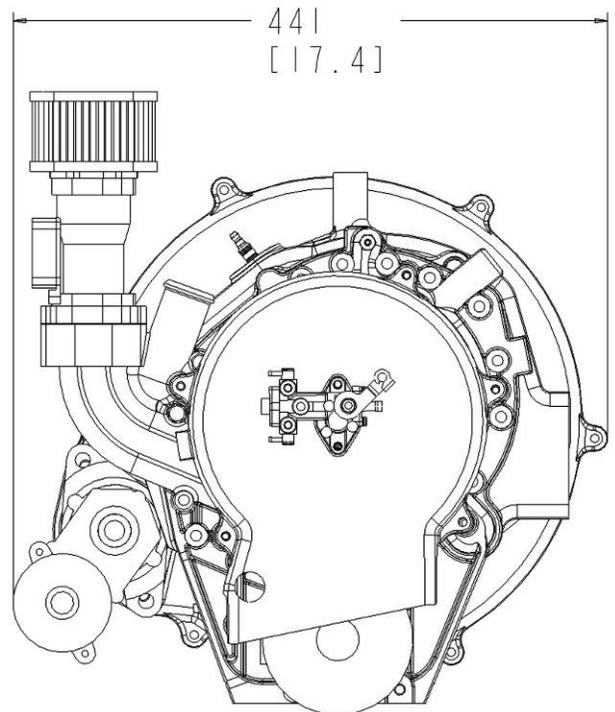
- Incorporated in the State of Nevada, April 1997
- Exclusive worldwide right to manufacture and distribute the Rotapower engine for all applications except ducted fans and aircraft

### Price per unit

- Price based on application & volume



Rotapower 1300 – Side View – Non-compound



Rotapower 1300 – End View



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

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