

PSI 8.8L

8 cyl. | 537 cu. in. | V-8 | 12 volt



POWER SOLUTIONS INTERNATIONAL

Standard Features

- » U.S. EPA-Certified and CARB-Compliant
- » Replaces GM 8.1L
- » Coil-near-plug ignition includes crankshaft sensor, camshaft sensor and eight ignition coils.
- » Cylinder Heads feature high-flow replicated ports with modern heavy-duty design. High flow head creates fast burn to improve efficiency and reduced emissions.
- » Industrial torsional damper with integral six-rib pulley to accommodate serpentine accessory drive hardware.
- » Tuned long-runner intake manifold provides higher torque while special air gap design keeps engine air cooler to improve efficiency.
- » Forged and nitride steel crankshaft creates durable block capable of 1000 ft-lb of torque.
- » Positive Crankcase Ventilation (PVC) system is integral to intake manifold (no valve required).
- » Coated cast aluminum 8-quart oil pan with full baffle and 12-mm drain plug.
- » Made in the USA.

Specifications

- » Type: 90° 8.8L V8
- » Displacement: 537 cid 8.8L
- » Compression Ratio: 10:1
- » Valve Configuration: Pushrod Actuated Overhead Canted Valves
- » Manufactured: USA
- » Valve Lifters: Hydraulic Roller
- » Bore X Stroke: 4.35 in x 4.50 in (110.49 mm x 114.3 mm)
- » Main Bearing Caps: 4-Bolt Cast Iron
- » Balance Method: Internal
- » Intake Manifold: Factory-Installed Alternate Fuel Manifold
- » Fuel Delivery: LPG/NG/CNG Electronic Mixer
- » Oil Pan Capacity: 8 qt
- » Fuel Types: NG Biogas/ LPG/CNG/Dual/Bi-fuel
- » Engine Rotation: Clockwise (from the front)
- » Paint Protection: Component Painted
- » Horsepower: 260 hp @ 3000 rpm (Propane), 245 hp @ 3000 rpm (Natural Gas)
- » Torque: 530 lb-ft @ 1800 rpm (Propane), 500 lb-ft @ 1800 rpm (Natural Gas)
- » Shipping Weight: 729 lb (307.49 kg)

EPA/CARB
CERTIFIED



Feature Focus

- » The coil-near-plug ignition system, with both crankshaft sensor and camshaft sensor, and multi-fuel capability.

HUSKER POWER PRODUCTS

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PSI 8.8L

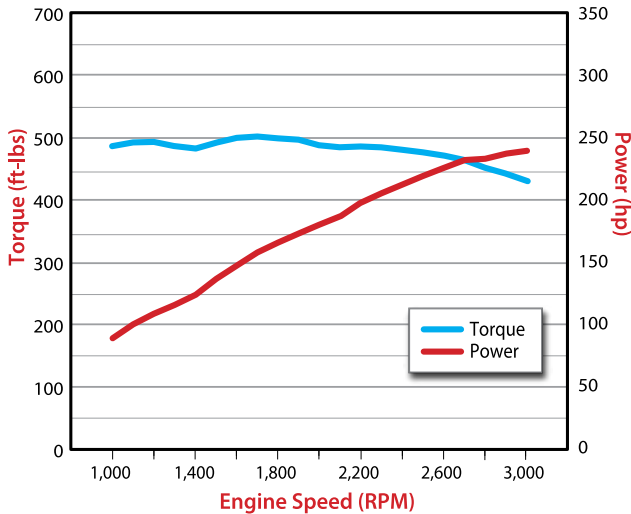
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Performance Curves

PSI 8.8L NA Engine Torque & Power Curves



NG Fuel w/8.1L 5.66 x 6 Catalyst

RATIO	1:1	11:10	6:5	5:4
RPM	1760	1936	2112	2200
HP/NG	130	140	155	165
HP/LPG	138	148	164	175

Recommended application at 2500', 100 degree temp. with fan and radiator.
Derate 1% per 10 degrees above 100, 3.5% per 1000' over 2500'.

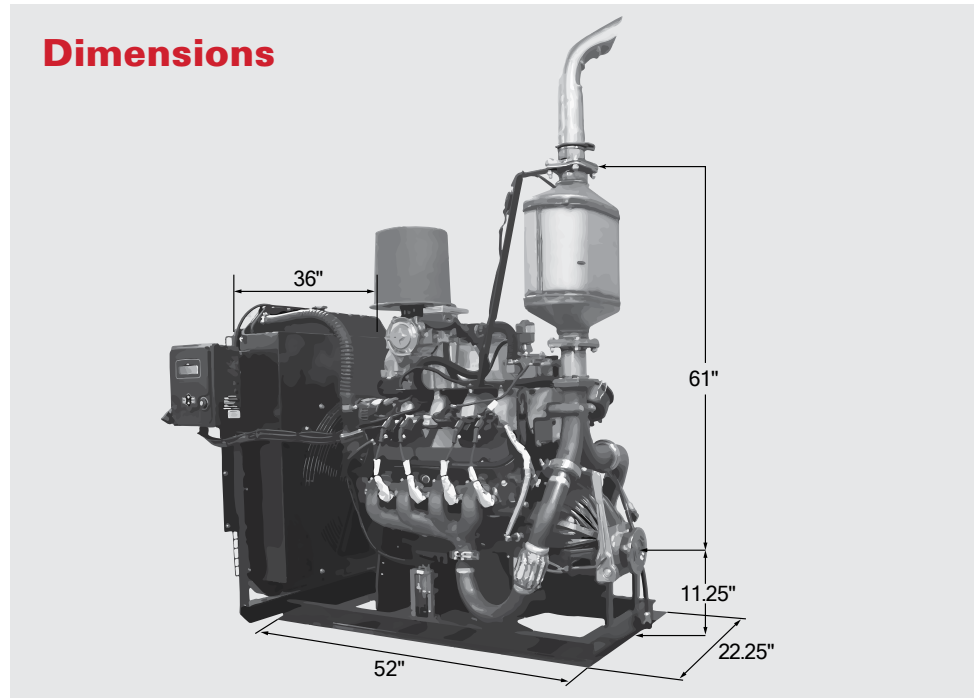
Power corrected to SAE J1995. Actual power levels may vary due to fuel system calibration, and design of induction and exhaust system.

*B.S.F.C. in pounds per brake horsepower - hour

Options

- » Fuel options: LPG, NG, or CNG
- » SAE flywheel housings and flywheels
- » Auxiliary drive pulleys available
- » Radiators
- » Hood Packages
- » Sight Level Guages
- » Heavy Duty PTO Clutches, Inline and Side Load
- » Trailers

Dimensions



Fuel System Features

- » Closed-Loop Fuel System
- » Dual/Bi Fuel Capable
- » LPG (Mixer, Throttle Body, Fuel Lock, Regulator)
- » LPG with Electric Governor
- » LPG Electronic Mixer
- » NG/LPG Carb Dual Fuel
- » High Pressure CNG
- » NG Electronic Mixer
- » NG (Mixer, Throttle Body & Air Cleaner)
- » NG w/Elec. Governor
- » Three Way Catalyst Standard
- » Alternative Fuels (Biogas, Syngas, Etc.)

*Generators, Drive Shafts and Pumps also available.