The Next-Generation American Big Block
Your Medium Duty, Fuel-Flexible Solution
Power Solutions International (PSI) has been a leader in the design, engineering and manufacture of efficient, high-performance power systems. For 14 years, we have provided integrated turnkey solutions to leading global OEMs in the industrial and off-road markets. Our products are used worldwide in power generators, forklifts, aerial lifts and industrial sweepers, as well as in oil and gas, aircraft ground support, agricultural and construction equipment.

PSI pays close attention to customer needs and then engineers and develops solutions to meet those demands. Our unique in-house design, prototyping, engineering and testing capacities mean that we can customize clean, high-performance engines that run on the full range of fuels and meet applicable environmental standards. We provide complete .97 to 22-liter power systems to meet our customers’ specific applications as well as parts and service support.

PSI’s newly-designed and engineered 8.8-Liter engine provides industrial, bus, truck and marine OEMs a fully integrated drop-in solution with uncompromised power performance, maximum fuel efficiency, emissions certification and fuel flexibility. It is the latest evolution in our commitment to delivering durable, high-performance, precision power solutions and customized support to markets around the world.
New State-of-the-Art Design Architecture

The High-Performance Solution That Fits

PSI's newly designed 8.8-Liter engine offers modern features in a package that easily integrates into existing OEM applications. The retooled system combines uncompromised power with maximum efficiency and fuel flexibility.

Crankshaft
Forged and induction hardened steel crankshaft creates durable block capable of 1,000+ ft-lb of torque

Intake Manifold
Tuned long-runner provides higher torque while special air gap design keeps engine air cooler to improve efficiency

Cylinder Heads
Modernized, heavy-duty, high-flow heads create fast burn to improve efficiency and reduce emissions

EMISSION-CERTIFIED • FUEL-Flexible • MADE IN USA
GENERAL DATA

Displacement: 8.8L (537 cid)
Compression Ratio: 9.1 or 10:1
Bore & Stroke:
  4.35 in x 4.50 in
  (110.49 mm X 114.30 mm)
kWe: 100-180 kWe

Custom configurations are available
Optional 3-Way Catalytic Converter Available

FUEL SYSTEM OPTIONS

• Multi-Port Fuel Injection
  (Gasoline and Propane)
• High Pressure CNG
• Low Pressure (NG and Propane)
• Dual/Bi-Fuel
• Alternate Fuels (Biogas, Syngas, etc.)

Performance curves are for a CNG Industrial and Medium Duty Truck with Allison transmission configuration. For other fuels and applications values may be higher.

Power shown is gross engine power and has been corrected to SAE J1995. Actual installed power levels may vary depending on the application and OEM supplied components.