

2.0L GASOLINE ENGINE

53.5 hp / 102.8 ft-lbs

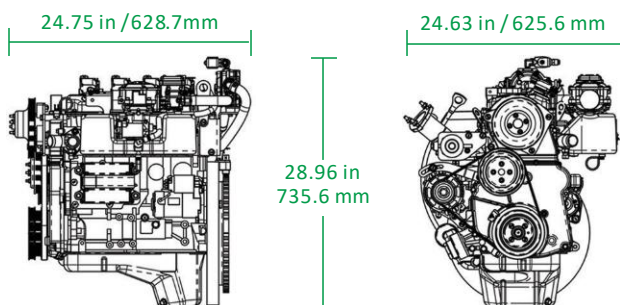
PSI's Industrial 2.0-liter gasoline engine is emission certified with the U.S. EPA and California ARB for off-road mobile use and is a fully integrated drop-in solution that delivers uncompromised power performance and maximum fuel efficiency.

Superior engine performance is driven by an ECU that integrates and coordinates all critical functions including: governor, variable ignition timing, air-fuel ratio control, knock suppression and engine protection. All PSI engines feature the same fuel systems and controls, simplifying application development and support.

PSI has been a leader in the design, engineering and manufacture of efficient, high-performance power systems, providing integrated turnkey solutions to top global OEMs for nearly 30 years. Our products are used worldwide in pump jacks, power generators, forklifts, aerial lifts and industrial sweepers, as well as in oil and gas, aircraft ground support, agricultural and construction equipment.

GENERAL DATA

- Sequential Electronic Fuel Injection (SEFI) for gasoline
- Fuel and emission control system that meets Tier II EPA/CARB emission regulations for LSI engines
- SAE flywheel housings and flywheels
- Additional crankshaft pulleys
- Cooling fans
- Radiator
- Electronic & mechanical governors
- Remote oil filter and auxiliary oil drain
- Metal engine skid
- Front PTO option
- Highly-configurable Engine Management System (EMS) with CAN capabilities



PSI INDUSTRIAL

FEATURES

- Premium timing and balance belts
- High silicon content pistons for improved durability and noise reduction
- Sintered powdered-metal exhaust valve seat inserts for enhanced durability
- World-class engine sealing system for superior leak protection
- Integral harmonic balancer/crankshaft pulley for easier accessory drive dress
- Intake/exhaust manifolds standard

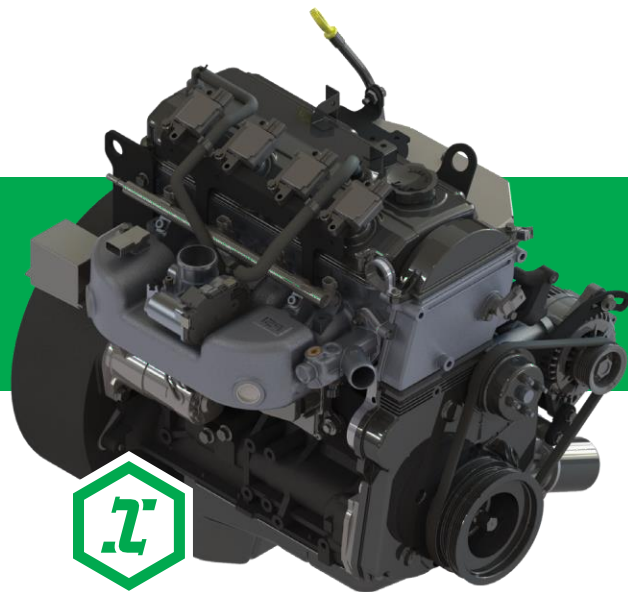
PSI 2.0-LITER GASOLINE ENGINE DATA

Cylinders	4
Induction system	Naturally aspirated
Combustion system	Spark-ignited
Cooling system	Water-cooled
Displacement	122 cid (1.997 L)
Compression ratio	9.5:1
Bore & Stroke	3.34 in x 3.46 in (85 mm x 88 mm)
Peak Power	53.5 hp (39.9 kW) @ 2800 rpm
Peak Torque	102.8 ft-lbs (139.4 N-m) @ 2400 rpm
Fuel Type	Gasoline
Direction of rotation	Counter-clockwise viewed on flywheel
Dry Weight	443 lb (201 kg)

SAE J1995 rated following 36300018 PSI Derate Specification with a tolerance of +/-5%. The right is reserved to make changes to this document at any time without notice.



**POWER SOLUTIONS
INTERNATIONAL**



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ENGINE HIGHLIGHTS

Exclusive features and enhancements to PSI's emission-friendly 2.0-liter engine optimize performance, extend engine life and service intervals, and reduce noise and vibration.

BALANCE SHAFT

Eliminates 2nd-order vibrations at all speeds

PREMIUM VALVE SEAT INSERTS

Valvetrain durability on gaseous fuels enabling 10,000+ hour B10 life

HYDRAULIC LASH ADJUSTERS

Service-free valvetrain for life of engine

PREMIUM CAMSHAFT & BALANCE SHAFT BELTS

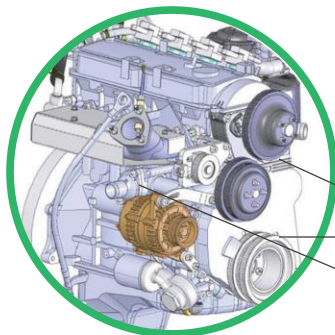
Extends service interval to 5,000 hours

INLET SIDE THERMOSTAT

Enhances durability due to reduced thermal cycling after cold start

COIL AT PLUG IGNITION

No waste spark reduces propensity for backfire



TORQUE & HORSEPOWER CURVES - 2.0L GASOLINE

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