

GM Industrial Engines

GM Powertrain has built all of its industrial engines to have the capability of being fueled with propane or natural gas.

Propane and natural gas have higher octane ratings than gasoline, but they also have lower lubricity, so engines must be designed specifically to handle the increased frictions associated with

these fuels. GM Powertrain incorporates special features into its industrial engines to ensure long, efficient engine life, no matter what the choice of fuel.

All GM Powertrain engine plants meet or exceed QS 9000 quality process standards.

A complete range of engines for industrial OEMs

Vortec 1600 (Gasoline)	98 cid	100 hp	103 lb-ft
Vortec 1600 (Propane)	98 cid	66 hp	90 lb-ft
Vortec 1600 (Natural Gas)	98 cid	58 hp	81 lb-ft
Vortec 2400 (Gasoline)	147 cid	129 hp	158 lb-ft
Vortec 2400 (Propane)	147 cid	111 hp	148 lb-ft
Vortec 2400 (Natural Gas)	147 cid	99 hp	132 lb-ft
Vortec 3000 (LMX) (Gasoline)	181 cid	93 hp	172 lb-ft
Vortec 3000 (LW6) (Propane)	181 cid	64 hp	188 lb-ft
Vortec 3000 (LW6)(Natural Gas)	181 cid	73 hp	178 lb-ft
Vortec 4300 (Gasoline)	262 cid	190 hp	253 lb-ft
Vortec 4300 (Propane)	262 cid	183 hp	247 lb-ft
Vortec 4300 (Natural Gas)	262 cid	164 hp	230 lb-ft
Vortec 5700 (Propane)	350 cid	216 hp	308 lb-ft
Vortec 5700 (Natural Gas)	350 cid	196 hp	283 lb-ft
Vortec 8100 (Propane)	496 cid	255 hp	511 lb-ft
Vortec 8100 (Natural Gas)	496 cid	230 hp	466 lb-ft

Slightly higher compression ratios ensure optimum propane and natural gas combustion.

OEMs can select the intake manifold that is appropriate for their choice of fuel.



Exhaust valve seat inserts ensure an excellent seal between the valve and valve seat.

Exhaust valves made of special materials resist the higher temperatures and corrosive nature of propane and natural gas.

Power and torque figures obtained per SAE J1995. Actual power levels may vary depending on OEM fuel selections, calibration, and application.



A Choice of Technologies

A key distinction of GM Powertrain industrial engines is that OEMs can choose their electronic engine control technologies. An OEM can also choose to not use electronic controls at all.

For OEMs that want computer-controlled spark timing and engine diagnostics, GM Powertrain offers its next-generation Microprocessor Spark Timing System (MSTS). For OEMs that require the absolute best in turnkey starts and want smooth, rock-steady idling, GM Powertrain offers its state-of-the-art electronic fuel injection (EFI) packages.

There is a wide range of GM accessories available to complement specific application needs. Choices include intake manifolds, distributors, ignition systems, starters, alternators, accessory drives and electronic fuel injection kits.

By offering choices in engine sizes, alternative fuel capabilities, electronic engine control technologies, and engine dress components, GM Powertrain enables industrial engine OEMs to assemble the powertrain that is the optimum fit for their particular industrial application.



Vortec 1600



Vortec 2400



Vortec 3000*



Vortec 4300



Vortec 5700



Vortec 8100



GM Powertrain

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