



ULTRA LOW EMISSIONS MUFFLER ULE

BARTELL
CONCRETE EQUIPMENT

Making your work site cleaner and reducing the impact on the environment

These Ultra Low Emission Exausts (ULE) improve the operating conditions by dramatically reducing carbon monoxide in the work environment. This results in a better work environment, greater operating productivity, less accidents and reduced damage to equipment.

They are a 3rd party certified product and exceed all carb, ETV & EPA standards.

Features

- Reduces 99% of Carbon Monoxide, Hydrocarbons and Nitrogen Oxides
- Does not reduce horse power
- Does not affect back pressure
- Built with a 304L stainless steel shell for maximum durability and extended life
- Can be installed on all Bartell Morrison equipment



SAMPLE TEST RESULTS

Engine with Stock Exhaust - Full RPM	Engine with GESi 5001-Full RPM
GX160 Carbon Monoxide (CO) 1.86% Hydrocarbons (HC) 73 ppm Nitrogen Oxides (NOx) 221 ppm	GX160 Carbon Monoxide (CO) 0.18% Hydrocarbons (HC) 4 ppm Nitrogen Oxides (NOx) 15 ppm
GX270 Carbon Monoxide (CO) 1.44% Hydrocarbons (HC) 30 ppm Nitrogen Oxides (NOx) 152 ppm	GX270 Carbon Monoxide (CO) 0.49% Hydrocarbons (HC) 9 ppm Nitrogen Oxides (NOx) 0 ppm
GX340 Carbon Monoxide (CO) 2.19% Hydrocarbons (HC) 20 ppm Nitrogen Oxides (NOx) 132 ppm	GX340 Carbon Monoxide (CO) 0.65% Hydrocarbons (HC) 8 ppm Nitrogen Oxides (NOx) 0 ppm
GX620 Carbon Monoxide (CO) 2.05% Hydrocarbons (HC) 55 ppm Nitrogen Oxides (NOx) 458 ppm	GX620 Carbon Monoxide (CO) 0.56% Hydrocarbons (HC) 17 ppm Nitrogen Oxides (NOx) 0 ppm
GX670 Carbon Monoxide (CO) 5.10% Hydrocarbons (HC) 101 ppm Nitrogen Oxides (NOx) 160 ppm	GX670 Carbon Monoxide (CO) 1.21% Hydrocarbons (HC) 9 ppm Nitrogen Oxides (NOx) 0 ppm
VANGUARD 35 HP Carbon Monoxide (CO) 3.90% Hydrocarbons (HC) 28 ppm Nitrogen Oxides (NOx) 136 ppm	VANGUARD 35 HP Carbon Monoxide (CO) 0.77% Hydrocarbons (HC) 13 ppm Nitrogen Oxides (NOx) 2 ppm

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SPE
Surface Preparation Equipment

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Global Emission Systems Inc (GESi®) is a Canadian company specializing in the development, design, and manufacturing of market leading emissions control technology.

GESi® has developed a proprietary advanced emission reduction system called Dry Selective Catalyst™ (DSC)™ that reduced up to 99% of carbon monoxide, hydrocarbons, and nitrogen oxides from any commercial fuel burning engine.

GESi® technology can be installed on any rotary, spark, or compression engine running on gasoline, propane, natural gas, diesel, and bio-diesel to reduce up to 99% of toxic greenhouse and smog related emissions. In diesel applications, a particulate trap is integrated with the GESi® technology to reduce up to 90% of particle matter.

WHY GESi® TECHNOLOGY?

GESi® is a three way catalytic converter to produce the highest reduction in greenhouse and smog related emissions.

GESi® has achieved Environmental Technology Verification (ETV) in Canada.

GESi® technology reduces Hydrocarbons (HC) and Nitrogen Oxides (NOx) below the limits set by the Environmental Protection Agency (EPA) and California Air Resources Board (CARB).

GESi® is built with 304L stainless steel shell for maximum durability and extended life. The gasket material is Premium Novatec Engineered Graphite with Kevlar.

GESi® has the strongest warranty in the industry.

Bartell Morrison has partnered with Global Emissions System Inc. to offer the lowest emission power trowels in the industry. These Ultra Low Emissions power trowels improve the operating conditions by dramatically reducing carbon monoxide in the work environment. This results in a better work environment, greater operator productivity, less accidents, and reduced damage to equipment.

Excessive carbonization known to weaken the concrete surface and high levels of carbon monoxide during concrete curing times affects the durability of concrete and can produce a problem known as dusting. Eliminate these issues by using GESi® technology to reduce carbon monoxide where concrete is being poured and cured.



GESi®

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