

TECHNOLOGY, GICAL



ON ROAD APPLICATIONS

Over the Road Trucking



Our independent drivers and fleet managers rave about the Diesel Magnum. SAE J1321 in service fuel consumption testing sponsored by Ford Motor Company and performed by Georgia Institute of Technology revealed a solid 15% overall savings! We have reports from our customers as high as 40% savings. In house emissions testing shows an over 50% reduction in harmful particulate matter as tested with the Red Mountain Engineering Smoke Check.

Medium Duty on Road Vehicles

No matter what the application our unique software allows us to program your vehicle, engine and application specific. This advantage allows us to maximize your savings and minimize your emissions. Our customers have reported to us with fuel mileage gains from 6.5 mpg to as high as 11 mpg on delivery trucks. The engines run smoother and quieter. The drivers love the power and appreciate the reduction in eye watering black smoke when making deliveries.



School Bus Fleets



Priority one with School Bus Fleets is emission reductions.

After all, it is our children that are exposed to the harmful Diesel Emissions on a daily basis. With the Diesel Magnum we can significantly reduce the emissions while improving the bus fleets bottom line with fuel cost savings. Moving to a green solution for your fleet does not have to cost you green. The Diesel Magnum pays for it self and protects our children from harmful cancer causing particulate matter!

<u>Light Duty on Road Vehicles</u>

Diesel Pick Up Trucks and Cars are realizing true savings with the Diesel Magnum. Imagine turning your sluggish Pick Up Truck into a pavement pounding monster and reduce your fuel expense. If you are hauling a heavy load or racing at the quarter mile you will be thrilled with the safe power increase. No more black smoke fogging the road every time you punch it from over fueling. Safe power increases don't have to be dirty!



INDUSTRIAL APPLICATIONS

Port Equipment



RTG (rubber tire gantry). This familiar piece of equipment can be seen at most every port in the world. This particular RTG is saving in excess of 30% overall in fuel expense and is the only one at the port that isn't smoking! Smoother more efficient running equipment with less harmful emissions makes for happy dock workers. From pick up trucks to stationary power plants, the Diesel Magnum can improve the bottom line at any port on vast array of equipment.

Earth Moving Equipment

The earth can be moved without polluting the planet. The Diesel Magnum has proven itself on heavy Equipment as well as Agricultural Machinery. This Equipment is worked hard. With the Diesel Magnum wear & tear is reduced due too less harmful carbon deposits and better combustion. The oil stays cleaner and engine wear is minimized. Less stops for fueling is an added plus! The drivers rave about added horse power with no smoke!!



Stationary Gen Sets



The Diesel Magnum has been installed on hundreds of Generators in many countries. Promoting clean air and saving money is the absolute result. Our customers are saving up to 40% overall in fuel expense and and witnessing the black smoke disappear. Reductions in EGT (Exhaust Gas Temperature) has been realized on every installation, proof that harmful NOX is reduced as well. Resorts, Hospitals and business are breathing a little easier after installing the Diesel Magnum!

Airport Equipment

Airports are working to promote a "Green Image". The Diesel Magnum can certainly help do that while saving Green as well. Refueling Equipment, Baggage Transporting equipment, Deicing Trucks, Snow Removal equipment and Emergency Equipment all can benefit from the Diesel Magnum, saving the Airport on Fuel Expense while promoting clean air! Clean burning Propane is the solution now to help reduce carbon foot prints!



PRODUCT TESTING

University of Madrid Spain

Preliminary European Test: New 6 cyl Iveco Engine

51% reduction in particulate matter

5 % reduction in NOX

30% savings in fuel expense (at current pricing)

Ford Motor Company & Georgia Institute of Technology

SAE J 1321 Fuel Consumption Test: Ford Tractor Cummins Engine

15% reduction in fuel expense (at current pricing)

AVL Corp US EPA

US EPA Emissions & Fuel Usage Test: Multiple Engine Families

Process initiated

Testing to be performed at AVL Ann Arbor MI.

Testimonial by one of our Fleet Customers

To our knowledge the Diesel Magnum is the only Propane System for Diesel Engines that can claim and prove an over all fuel consumption reduction. For example: One of our Customers with a Series 60 Detroit Diesel reports the following: Before Diesel Magnum 6.3 MPG After Diesel Magnum 10.25 MPG 466.3 miles, 45.50 gal Diesel, 7.9 gal Propane. On a 466.3 mile trip this vehicle would have used 74 gal Diesel. With the Diesel Magnum it used: 45.50 gal Diesel, 7.9 gal Propane This reduced the overall fuel consumption by: 20.6 gallons

This is a 28% savings if the fuel prices were the same!



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