



COMPANY PROFILE

www.mavenuae.com

About US

Maven Machines & Pumps Maintenance was founded on the belief that access to high-quality, yet affordable aftermarket solutions for fuel injection systems , equipment solutions and turbochargers should be easy. We've worked to make this a reality by connecting manufacturers, suppliers, and customers to create innovative after market solutions.





What We Do

We provide end-to-end solutions for fuel injection systems, equipment solutions and turbochargers that include OE and replacement parts, components, and test equipment. We also provide repair services, solutions, and training for the fuel injection systems and turbochargers aftermarket industry.

VISION

We intend to become a one-stop solution provider for aftermarket fuel injection and turbo needs by connecting all key stakeholders in the industry.

MISSION

Our solutions help customers grow their business. We measure success based on long-term satisfaction of our customers.



Our Services

- ✓ Turbocharger Service & Repair
- ✓ Diesel Fuel Pump & CRD Injectors Servicing
- ✓ Electrical Motor Rewinding
- ✓ Equipment Servicing & Overhauling

Turbocharger Service & Repair

Be it any road vehicle, industrial machine and equipment, or a marine vessel; our workshop is equipped with state-of-the-art test equipment and highly trained specialists to service, diagnose and repair your turbochargers.

Our turbocharger service solutions include OEM spare parts including Melett and Jrone and a range of high-quality aftermarket parts.

We are equipped with a TurboClinic TC Workbench; a unique equipment that integrates all that is needed to repair a turbocharger – right from balancing to the adjustment of nozzle vanes, and from test of cartridges for oil leaks to the



test of electronic actuators and the actuator's programming. It goes a step further in measuring the efficiency of the compressor. Bottom line, it gives us 100% precision for the repair of your turbochargers.



Diesel Fuel Pump & CRD Injectors Servicing

The equipment we use to test your diesel fuel injectors and pumps helps us make an informed decision about the best repair solution for your diesel engine. Our goal is to extend the life of your diesel engine and avoid costly downtime for your business.

Common Rail Injector Testing and Repair

Common Rail injectors are becoming increasingly popular as they improve fuel economy and minimize emissions. They are more advanced, but complex compared to other types of diesel fuel injectors, and require a different testing process.

Our equipment provides us the most efficient and precise way to examine modern-high-pressure fuel components.

The equipment we use are:

- BOSCH EPS 205
- BOSCH EPS 815
- DiMeD Express

Our tests help us identify which injectors need repair or replacement so that you don't have to spend more money replacing everything.

Tests we run:

- High pressure nozzle and control valve leak test
- Idle quantity (LL) OR Idle load (LL)
- Emissions quantity (EM) OR Minimum load (EM)
- Full-load quantity (VL) OR Full-load and back leak (VL)
- Pilot injection quantity (VE) OR Starting test (VE)
- Black smoke
- Not starting
- Injector start behavior (without return flow counter-pressure)
- ISA tuning (Idle Speed Adjustment)
- Electric 'buzz' test
- Actuator resistance
- Nozzle

Mechanical Injector Testing and Repair

Although older technology, one of the most common types is still mechanical diesel fuel injector. We test and overhaul a variety of mechanical injectors, including conventional mechanical injectors and 2-spring mechanical injectors.

We test the Mechanical injectors for:

- Spray pattern
- Nozzle chatter
- Opening pressure- Leaks

Our repaired mechanical injectors are provided with complete installation of washers and seals.



HEUI and EUI Testing and Repair

We have the capability to test and service almost every Hydraulically controlled Electronic Unit Injector and Electronic Unit Injector in operation today.

Among all, we specialize in:

- CAT C7/C9
- CAT BN Series
- 2 pin Delphi EUI injectors
- 4 pin Delphi EUI injectors

The equipment we use are:

- BOSCH EPS 815
- Nova Ditetex 611
- Hartridge AVM2PC
- Cmax 120

Common Rail Pump Testing & Repair

Our equipment gives us the capability to test all types of common rail high-pressure pumps including:

- CP3 - CP4 - CPN5 - VP44
- VP29 - VP30 - HP0 - HP2

The equipment we use are:

- BOSCH EPS 815 - DiMeD Express - Nova Ditetex 611

We are able to get precision.

Mechanical Pumps and EDC Pumps Testing & Repair

We test and repair all types of mechanical pumps including:

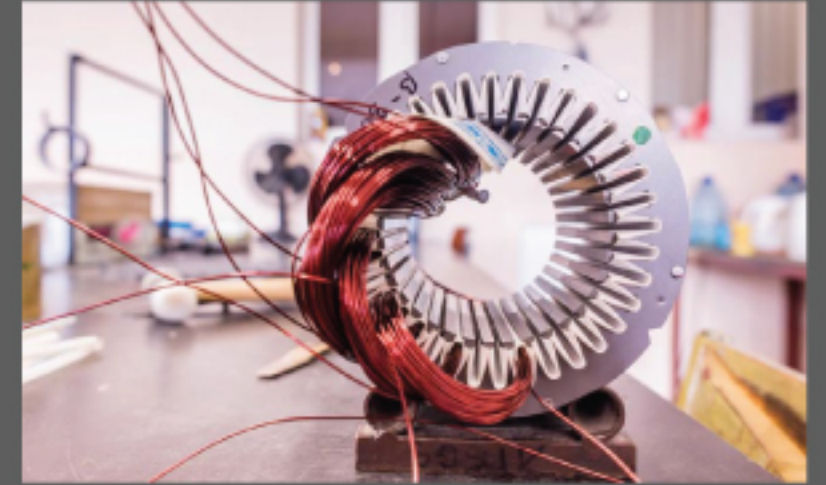
- A-Type
- P-Type (Heavy duty)

The equipment we use:

- BOSCH EPS 625
- Cmax 120

Electrical Motor Rewinding

The winding shop of Maven electrical Services is designed to rewind all AC and DC motors and generators with a short delivery time. During the rewinding multiple tests are carried out to assure our high quality standard. Our certified and experienced winders can also make coils and restore lamination.



The machines are repaired or reconstructed by our expert team of technicians and engineers. Our team of professional holds expertise in the winding works and therefore render reliable services to the clients. They use modern techniques and best quality raw materials to repair the wind generators and other wind machines with accuracy. Our repaired products offer great efficiency and are long lasting.

The entire repairing process is supervised by our expert team of supervisors which ensures its flawless quality. We offer our services at cost effective prices. Proper insulation of the machines is done to ensure that they are user friendly and safe.



Equipment Servicing & Overhauling

Enabling operational efficiency through equipment service solutions. Our business focuses on the needs of a wide range of industries including oil & gas, construction & infrastructure, events, industrial & manufacturing, and marine & ports.

Diesel Generators

- Quality Product
- Product Range : 5 KVA - 500 KVA
- Control Panel with Enclosure of IP 55 Protection
- Tropical Radiator Suitable for High Ambient Conditions
- Canopies are Designed/Engineered in Such a way that Open Sets are Easily Convertible to Sound Proof and Super Sound Proof Sets, as per Customer Requirements
- Easy to use, Maintain and Service

Equipment Refurbishment



We specialize in the Repair & Refurbishment of Heavy Equipment Complete with Mechanical, Engine Hydraulics, Electrical Repairs, Fabrication, Painting etc. for Equipment Like Cranes, Trucks, Excavators, Loaders etc. The Refurbishment Process is Cost Effective & our experienced team ensures that all equipment is restored to its original form.

Engine Repairs



With a genuine drive in service excellence, Maven is poised to be its Customers Valuable Partner in all Engine Repairs. Experienced technicians, trained by the principals render complete overhauling & repairs of all kinds of Diesel Engines in a complete Airconditioned engine repair room thus ensuring Dust Free environment.



The most advanced workshop with state of the art infrastructure, Qualified Staff with varied experience and service of all kind of heavy equipment Complete with Mechanical, Engine, Hydraulics and Electrical Repair. Guaranteed Quality Jobs & Prompt Services at Competitive Prices.



Maven Machines & Pumps Maintenance

Mussafah Industrial Area, M-16, Abu Dhabi, UAE

Tel: +971 (0)2 55 13 303

Mob: +971 (0)50 87 20 160

E-mail: info@mavenuae.com

www.mavenuae.com