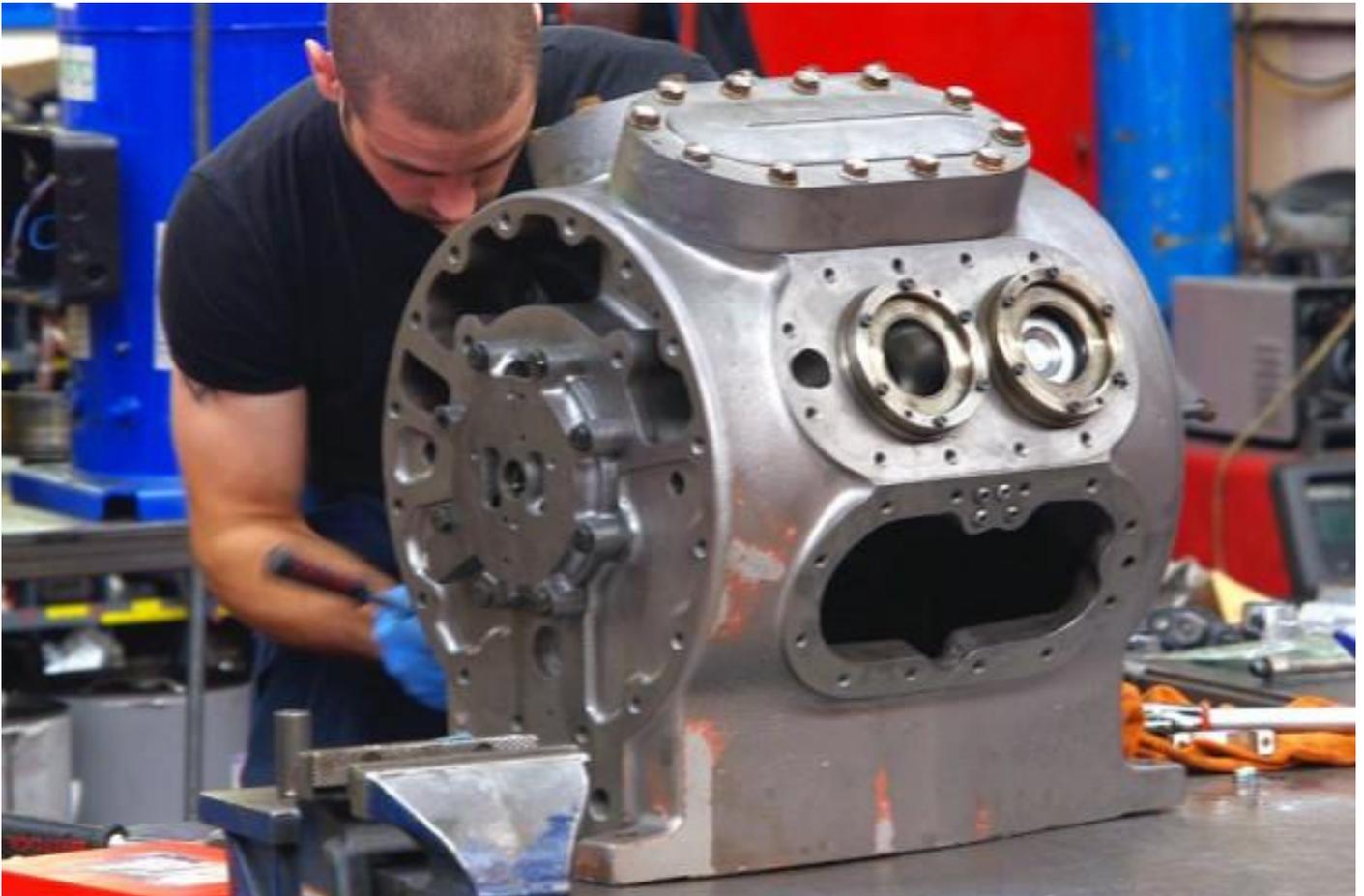




## REMANUFACTURED COMPRESSORS



Everything for the Refrigeration Market

**ENERCOLD** is a professional manufacturer of high quality Commercial and Industrial Refrigeration and HVAC equipment based in Dubai, serving the middle east market.

We are part of the **STEEL TRADING GROUP** of Companies, [www.steeltrdgroup.ae](http://www.steeltrdgroup.ae) serving the GCC market and beyond for nearly 40 years. With Warehouses in Jebel Ali, Al Quoz and Sharjah in the UAE, we have over 20,000 tons of High Quality steel and fittings such as A106/A53 and A333 in stock ready for immediate dispatch.

As an experienced Refrigeration and HVAC manufacturer, we understand the requirement for high quality verifiable products, held in stock, and maintained in good condition.



We at ENERCOLD can offer you a **“ONE STOP SHOP”** for all your Refrigeration requirements, Our Compressor Remanufacturing business can offer you a full in house rebuild service for your compressors.

Professional, trained and experienced Technicians will rebuild your compressor from a bare block, to as good

as new. We can rewind or replace your Stator and rotor with full disassembly and inspection for wear and dimensional checking.

Semi Hermetic or Open Drive Screw and Reciprocating, All our compressors are fully bench tested for performance and faults before leaving our factory.





After disassembly, we dip our compressor bodies in acid to remove all old debris and paint, this brings the body back to as new condition.

All reusable parts are checked for wear and condition, verifying the tolerances, if suitable, they are reused, such as Crankshaft, Piston liners, Stator, Main bearings, Oil Pump etc...

Smaller items that wear easily such as, Discharge and Suction Valve plates and springs, Big and small end bearings, gudgeon pins are replaced as a standard practice.

The machine is cleaned to clean room tolerances before re-assembly. Then fully assembled with all new gaskets and seals, then checked with Torque wrench.

The Compressor is then pressure tested using only Dry Nitrogen (Dry N<sub>2</sub>). We use the latest in ultrasonic leak detection equipment, ensuring that the compressor is completely leak free.

Once the Compressor has passed its leak test, it is mounted on the compressor test bench, and run at design conditions to ensure that the compressor is performing as one would expect from a new machine.

Once the test is passed, the results are logged and inserted into the compressors dispatch documentation for informational purposes.

The compressor is then removed, sealed up and charged with a 5psi holding charge of Dry Nitrogen, then mounted on a wooden pallet, shrink wrapped in plastic and made ready for delivery or collection.



You can call us directly on +971 (0) 48 837175

Or alternatively email your requirements for an immediate reply to [sales@enercold.com](mailto:sales@enercold.com)

Also ask us about our other services, including racks, chillers etc... Electrical Control and Starter panel solutions, with SIEMENS and Allen Bradley support and approvals.

Friendly service, Professional solutions, and reliable quality, every time.





ROTOR RECONDITIONING, New Rotors and Bearings, including Shaft Seals, and any other internal slide seals or rings.

Internal Pressure Relief valves, Non Return Check Valves etc.....

We can even remove your compressor at site, rebuild and return, refit and re-commission to reduce your downtime and give you extended warranty for compressors we refit ourselves.

We can also assist in system trouble shooting, typically a compressor failure is as a result of a system problem, we, with our long experience can guide you on how to resolve the ongoing problems to help avoid failures in the future.

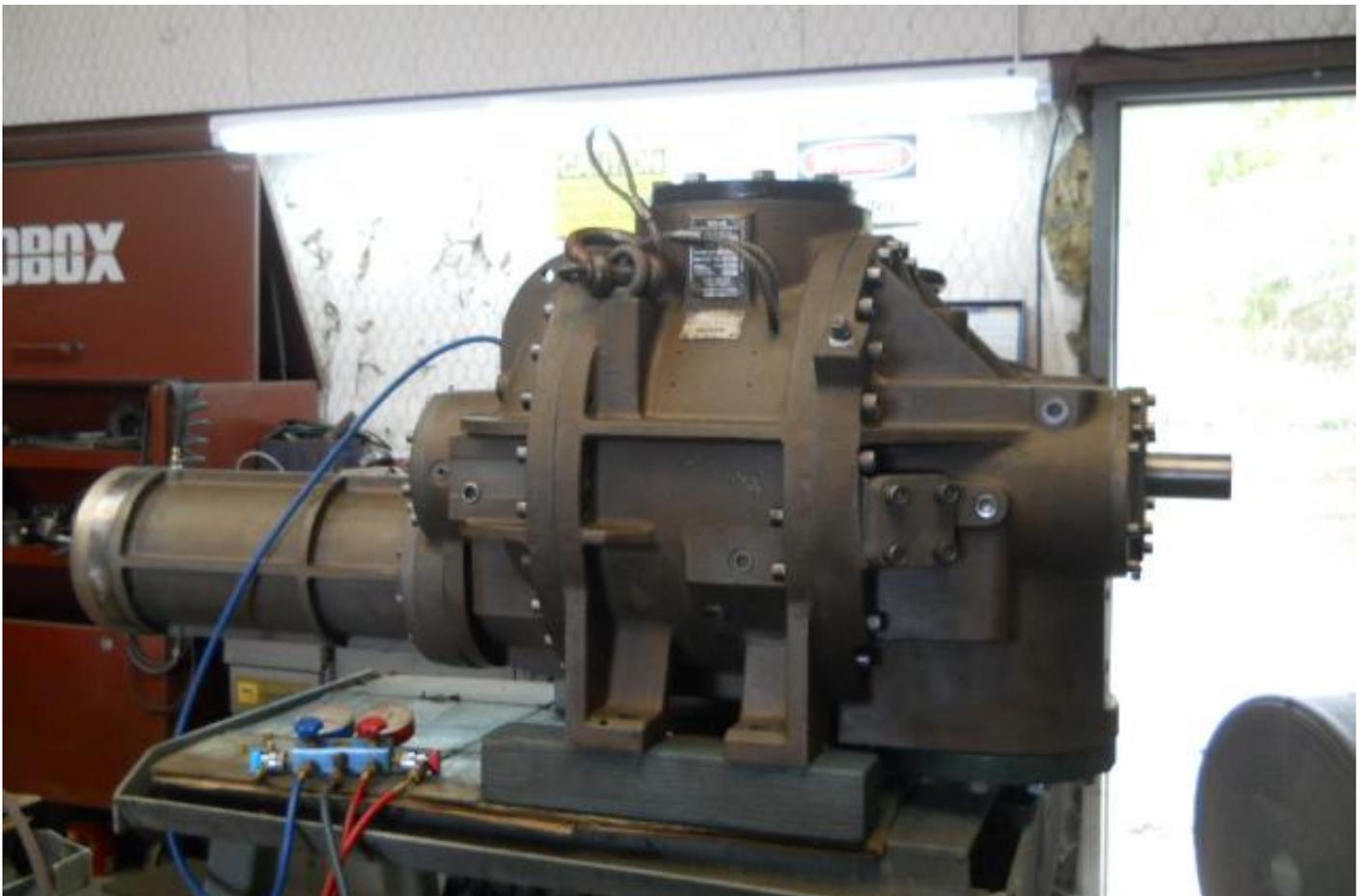
We can also help design systems that will ensure that you never have a burn out again.



We can also supply Lubricants such as POE, PAG Mineral Oil, Semi Synthetic in small or large quantities. We can supply parts for your entire refrigeration system, Pumps, Fans, Evaporators, Pressure Vessels.

We also manufacture Compressor packages, racks, Air conditioning equipment, in fact we manufacture and supply everything for the refrigeration industry.....





Use this QR Code with your mobile device to find us via Google Maps:



**enercold**  
REFRIGERATION DIVISION