



South Coast Diesels

ENGINE REBUILD SPECIALISTS



The engine company.



- Parts Supply
- Customized Maintenance Solutions
- Full Engine Overhaul Service
- Dynamometer Testing
- Diagnostics and Fault Clearance of advanced high performance diesels
- Event-To-Event Maintenance Service
- International Project Support
- Fully Insured

www.southcoastdiesels.ie

Since 1986 South Coast Diesels have been leading the way in the independent engine rebuilding industry. Having supported the Detroit Diesel and MTU brands in after sales for a number of years South Coast Diesels are now the official service dealer for both products. South Coast Diesels are also the official service dealer for the Deutz product range and Steyr Motors.

Based in Naas Co. Kildare, South Coast Diesels are in a prime location to support the engine after sales market nationwide. Our customers include the Department of Defence, New Boliden, Anglo American, Thyssenn Mining International, Board Na Mona, RNLI Lifeboats, Minerex , Quarry and Mining Equipment International, Dublin Airport Authority and Irish Rail. We offer a full service covering all aspects of the after sales support industry.

- Parts Supply
- Customized Maintenance Solutions
- Full Engine Overhaul Service
- Dynamometer Testing
- Diagnostics and Fault Clearance of advanced high performance diesels
- Event-To-Event Maintenance Service
- International Project Support including management, supply chain and staff placement
- Fully insured for employers/public liability, products liability



Our Company:

'Our aim is to maintain the level of service of that our customers are accustomed to and provide added value along with cost effectiveness.'

Established in 1986 South Coast Diesels has excelled in the engine after sales support industry. Covering all applications, rail, power generation, marine, military, construction and underground mining we have built up a strong team of field and in-house technicians to assist and develop our customers requirements. We offer a comprehensive service with a prompt response to limit downtime and put preventative measures in place to ensure reliability and availability of equipment.

At South Coast Diesels we pride ourselves on high quality work providing full documented reports including dynamometer test reports, rebuild procedures and torque values, parts required and parts recommended. We are constantly developing upgrades to the engines various systems, which eliminate failures and overall reduces operators running costs.

With a staff level of twenty we have a high workflow capacity which guarantee effective turnaround time for engine rebuilds.

Our fleet of service vehicles cover our supported products nationwide and can be despatched at short notice.

Currently we have a training programme for our service engineers to maintain a high skill level and to adapt to technical advancements within our industry.

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Engine Test Area:

At South Coast Diesels all engine overhauls and major repairs are stringently tested to the highest standards. Our test facilities include both a DPY-5 and a DPX-3 dynamometer that have the capacity to test up to 1100BHP and 250BHP respectively.

All engines tested are monitored via a specialist data acquisition system, recording all pressures, temperatures and loads. Encompassing all values the data acquisition equipment provides printouts at various loads showing power curves, this guarantees the advertised rated power output and calibration of the engines fuel management system. With the engines built and tested to the highest standards our customers can be assured of certified reliability.

Parts wash facility:

Using two high temperature non-caustic solution rotary washes all parts are thoroughly cleaned, with these IDEA machines each engine component is put through a cycle and then visually inspected. Putting all parts through this cleaning process leaves them free of deposits and residues.

Stores:

With over 2,000 sq. ft. of parts storage space we carry a vast range of components to effectively support our customers needs and requirements. Having the right part at hand limits downtime that may have a negative effect on the business of our customers. Consignment stock is also a service that we provide, this is of great benefit to our customers that require spare parts immediately on site.

We carry a full range of service parts for MTU, Detroit Diesel and Deutz supported products. Spare parts in stock include regular maintenance parts and various components in the event of premature failure.



Workshop:

Having a floor area of over 8,000 sq. ft. our eight workstations cater for a high capacity of engine overhauls. Each workstation has the facility to overhaul and repair engines effectively using modern engine stands and all required specialist tooling. Three gantry cranes cover all of the workshop floor area and have capacity to lift 6.3 ton.

Our workshop floor layout ensures a thorough work flow increasing the turn around time for customers requirements. Staff members are involved in supported product training, which is certified and updated on a regular basis.

Upon completion of a successful test procedure each overhauled unit has a protective paint coating applied in our paint area, then, detailed for quality control prior to being made available for goods outwards.

Engine Services:

We offer a comprehensive repair service from minor repairs to major overhauls. All repair work is completed to the highest of OEM specifications and guaranteed. There is a full support service on offer for the MTU, Detroit Diesel and Deutz products.

We also maintain, repair and overhaul other brands such as Caterpillar, Perkins, MAN and Cummins on all power ranges.

MTU Engines covered:
1800, 2000 and 4000 series

Detroit Diesel Engines covered:
53, 71, 92, 149 and Series 60 models

Deutz Engines covered:
All models



YOUR ENGINE. YOUR PLAN.

SCD CUSTOMIZED SOLUTIONS

SCD Customized Solutions makes it easier to plan maintenance throughout the lifecycle of your engine and ensure maximum availability. Our maintenance concept is based on comprehensive knowledge and on the most efficient configuration of preventative maintenance intervals for your engines.

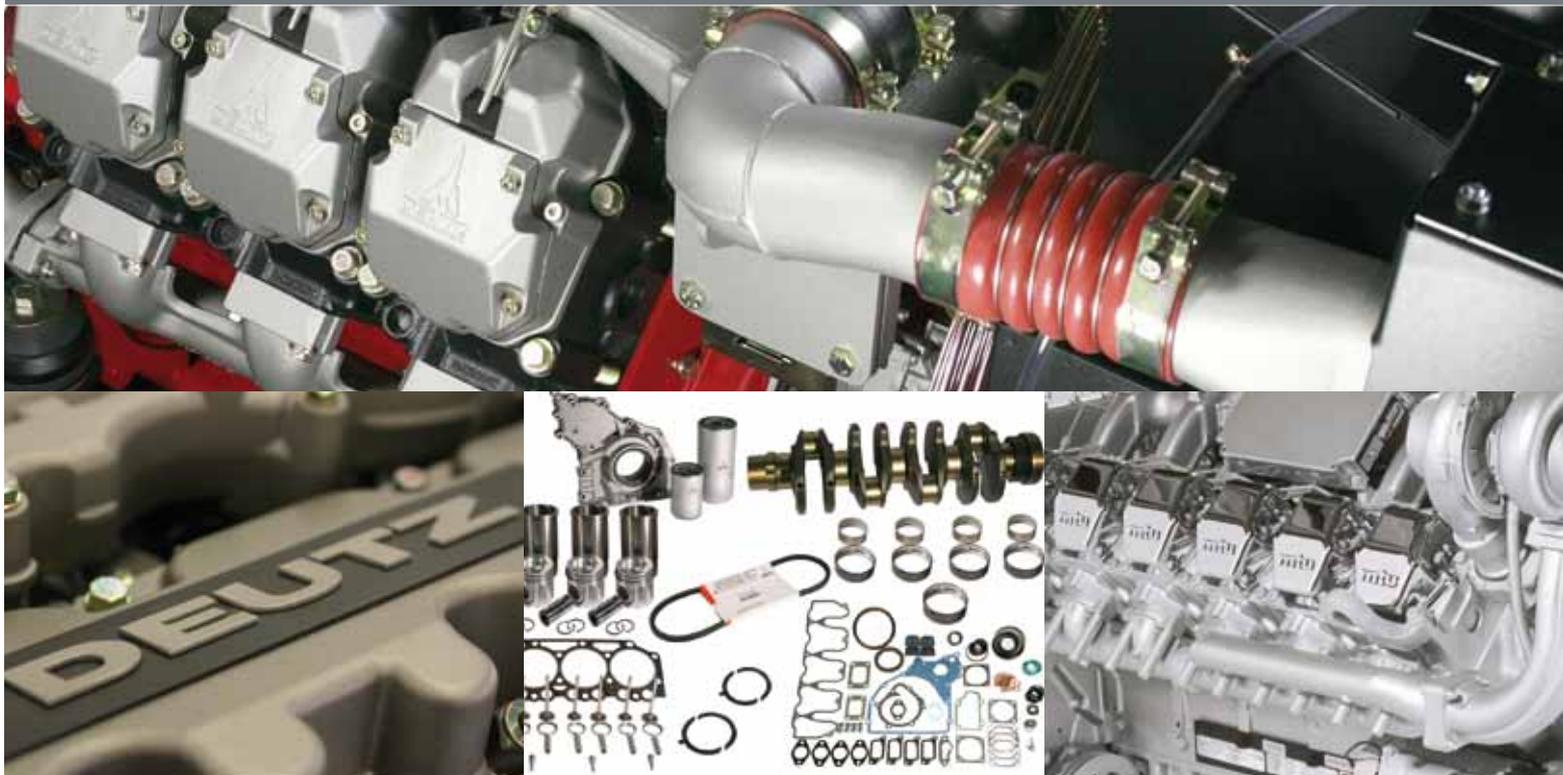
Our expert service technicians perform all maintenance and repair work for you.

Maintenance expertise and ongoing component optimization form a direct and integral element of the maintenance program, especially where major overhauls are involved.

The terms and intervals of each SCD Customized Solution are precisely tailored to match your individual circumstances. From localised operations to remote bases our services are available to provide the optimal coverage for your operations plan.

The most important advantages for customers are undoubtedly optimum reliability and low failure risk – in other words the factors that ensure maximum availability. That is ensured by the quality service we provide from a single source using highly trained technicians and genuine replacement parts

'No matter what you require, we will design a service plan that is right for your specific needs'.



SCD Customized Solutions: Preventive

All scheduled preventative maintenance work is designed to maximise availability of your engine:

- Maintenance without disassembly of the engine is carried out on site, during breaks in operation
- Maintenance involving partial disassembly or major overhaul of the engine is carried out at a defined location

SCD Customized Solutions: All Inclusive

In addition to preventive maintenance, optional corrective maintenance may be included, covering all repairs as follows:

- All preventive maintenance features, as above
- Troubleshooting and fault clearance
- Provision of required components
- Replacement of failed components
- Multiple service locations possible
- Detailed scope of services and terms may be customized to your specific needs

Your Benefits:

- Professional maintenance by trained staff
- Optimized availability
- Maximum cost certainty
- Optimum scheduling with reduced fixed costs
- Increased flexibility
- Use of genuine new or remanufactured spare parts
- Reduced administration



COST AND BENEFIT: GETTING THE BALANCE RIGHT

Benefits of complete maintenance agreements at a glance:

- High value retention
- Optimum servicing by trained staff
- Use of genuine parts
- Extremely short turnaround time for engine overhauls
- One-stop shop – only one point of contact
- Reduction of own business risk by virtue of predictable costs over the term of the agreement
- Cost savings in terms of personnel and workshop capacity and equipment
- Fully insured for employers/public liability, products liability

Only by carefully considering the purchase price and running costs of an engine is it possible to make the right choice. SCD can now simplify and standardize calculations for the overall maintenance costs of an engine.



Industrial · Rail · Power Generation · Military · Marine

South Coast Diesels Ltd.
Naas Industrial Estate,
Naas, Co Kildare, Ireland



www.southcoastdiesels.ie

Enquiries E: info@southcoastdiesels.ie
Service E: service@southcoastdiesels.ie
Parts E: parts@southcoastdiesels.ie

T: +353 (0) 45 866 556
T: +353 (0) 45 579 075
F: +353 (0) 45 866 826

Location Map

Satellite Navigation Coordinates: Latitude: +53° 13' 45", Longitude: -6° 38' 20"

