



LA MECCANICA TURBO DIESEL S.R.L.

Ship repairs area - Calata Gadda
16128 Genova - Italy

Tel. +39 010 2467499

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www.mtd.it - mtd@mtd.it

OUR EXPERIENCE TO YOUR SERVICE

For today & tomorrow solutions we are always available

ABOUT US

Disassembling, cleaning and reassembling a turbocharger may seem like an easy task to someone with some mechanical knowledge, but this is not the case. In order to do it, one needs to master the fundamental rules of mechanics, knowledge based on training and refresher courses, years of field experience and, most of all, a well-equipped workshop.

LMTD IS ALL OF THIS.

The constant commitment and care for detail in all the company's sectors allows us to offer high quality services and products. Thanks to the implementation of the RINA ISO 9001:2008 certification we are equipped with an efficient quality system, which helps us not to overlook any detail. Being a medium sized company, independent on the national and international market, we can be flexible to address our clients' more and more demanding requests. We offer quick and precise solutions, competitive commercial conditions and the security of an efficient technical assistance.

"The quality of our work is our passion."



Authorized service stations:



Unauthorized service stations:





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RAPRESENTED PRODUCERS – SERVICE STATIONS

LMTD operates as a distributor and authorised service station for the following manufacturers:

- MITSUBISHI (MET TURBO)
- KBB
- MITSUBISHI HEAVY INDUSTRIES UE Engines in joint venture con San Giorgio Del Porto SpA
- ENGINE PARTNERS – STX
- MEIDINGER

LMTD is also Italy's only representative of the company **DANTEC DISATAC**, worldwide leader in the sector of rotational speed measurement equipment utilised in the overcharging field.



Authorized service stations:



Unauthorized service stations:

PBS turbo MAN abb



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OTHER PRODUCERS

As a former authorised service station, **LMTD Srl** grants support for the turbochargers produced by **MAN** and **PBS Turbo**, based on its personnel's multi-year and qualified experience and on the employment of original spare parts.

LMTD also possesses a long-standing experience with the following turbochargers:

NAPIER	ABB
BCC	HOLSET
IHI	HSM
ELLIOT	MAYBACH
ALCO	HISPANO SUIZA
KKK	GARRETT
SCHWITZER	

After many requests from our clients, we are now set up for the inspection of turbo pumps manufactured by

MAPRO – SAVIO – COMBIMAC - CONTINENTAL

Thanks to our commitment and knowledge of our staff and to the reliability of our services and products, we were able, with time, to gain and establish our clients' trust and respect.

The fact that we have represented leading producers on a worldwide basis for several years is a proof of our professionalism.



Authorized service stations:



Unauthorized service stations:

PBS turbo **MAN** **abb**



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PRODUCTION TECHNOLOGY

Our main activities can be identified as:

- Overhauling, revision and repair of turbo blowers on board ships;
- Repair/overhauling of turbo blowers in the workshop;
- Rotor blades repair (new or reconditioned materials);
- Build-up TIG welding (regeneration of turbine's blades);
- Metal spraying on the turbine axes;
- Repair of the blowers and fans with a build-up welding process and subsequent restoration of the original profiles on numerical control processing centres;
- Provision of spare parts for turbo blowers (new and/or reconditioned);
- Provision of reconditioned bearing kits and oil pumps produced by our company, with the possibility of exchange with ABB turbo blowers;
- Provision of new and/or reconditioned turbochargers;
- Drafting and implementation of retrofitting projects for obsolete materials;
- Drafting and implementation of installation amendments projects for the improvement of turbochargers performance.



Authorized service stations:



Unauthorized service stations:



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EQUIPMENT

Our policy consists of the continuous education of the workforce to develop the best use of the tools and of the measuring instruments.

In our workshop, the following tools are available:

- TIG welding equipment
- Laser welding equipment
- Lathe
- Numerical control processing centre
- CEMB Industrial Balancer
- Automotive Turbine Balancer
- FARO laser arm
- Boring bar
- Milling machines
- Pillar drills
- Measuring instrument
- Numerical control saw
- Portable vibration measuring instrument
- Portable turbine balancing instrument
- Portable device to measure the referred average power of internal combustion engines.
- Ultrasound thickness measuring devices
- Devices for the reconditioning of bearing kits
- Devices for the reconditioning of turbo blowers oil pumps
- Sandblasters
- Washing point with non-toxic product



Authorized service stations:



Unauthorized service stations:

