



AFTER SALES

Reliability made to last



your high pressure solution

COMPANY PROFILE

Leobersdorfer Maschinenfabrik

LMF is a renowned global player and the leading manufacturer of innovative and tailor-made high pressure compressor solutions. More than 175 years of technical ingenuity have provided the Austrian company with a solid foundation as first mover: As leading engineers of their time and LMF employees, Rudolf Diesel, who developed diesel engines for LMF, and Viktor Kaplan, the inventor of the Kaplan water-turbine, paved the way for technological excellence.

Production of reciprocating machines started at the turn of the 20th century. Over the years the company asserted its role as a pioneer of high pressure compressor solutions, with many groundbreaking products launched and benchmarks set for numerous sectors of industry.

High quality engineered to order

With over 175 years of experience, LMF guarantees customers individual tailor-made solutions and the highest quality. From consulting and engineering to production and service, LMF offers products that meet the exact needs of customers as well as stringent international standards.

LMF offers the most reliable solutions for today's challenging demand for energy – whether it is hydrogen, biomethane or other alternative fuels. Moreover, solutions are provided for the oil and gas sector as well as for the chemical and petrochemical industry.

Applications and Business Areas

- ⊙ Alternative Energy
- ⊙ Industrial Applications
- ⊙ Midstream Tailormade
- ⊙ Oil & Gas
- ⊙ PET
- ⊙ Pipeline Evacuation
- ⊙ Seismic Research

Headquarters

Leobersdorf, Austria



Reliable

We keep our promises.



Innovative

Our innovative solutions set standards for tomorrow's compressor technology.



Sustainable

With our solutions, we lead the way to zero emissions.

RELIABILITY MADE TO LAST

Service at LMF comprises more than just maintenance and repair. We have made it our business to provide our customers exceptional services and deliver them promptly. Our After Sales specialists go the extra mile to find the best solutions for every client's needs.

- ⦿ Installation and Start-up
- ⦿ Regular Maintenance
- ⦿ Upgrades and Modifications
- ⦿ Service Agreements
- ⦿ Energy Consulting
- ⦿ Condition Monitoring
- ⦿ Spare Parts
- ⦿ Refurbishing of Components
- ⦿ Analysis
- ⦿ Engineering Studies
- ⦿ Troubleshooting
- ⦿ Trainings
- ⦿ Inspections
- ⦿ Diagnosis
- ⦿ Technical Consulting
- ⦿ Revamps



SPECIAL FEATURES AT A GLANCE

More than 22,000 spare
parts in stock and
immediately available

High-quality
machinery & tools

Worldwide
state-of-the-art
production sites

Individual and
tailor-made vs.
off-the-peg solutions

Professional refurbishing
of over 1,000 components
every year

Support for most
reciprocating
compressor brands

More than 500 successful
interventions on site annually

Global service network





Spare parts

We focus on the highest quality and short delivery times to fast-track operational readiness.



Technical support

Contact us in case of technical questions, for spare parts, maintenance, modernizations, and repairs. We promise: Our in-house specialists provide the best technical support.



On-site services

Professional, highly qualified service specialists are our hallmark. They provide the support you need around the clock and all over the world – even under the most difficult conditions.



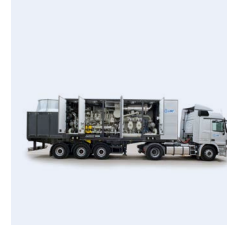
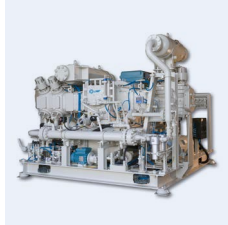
Refurbishing of components

We use state-of-the-art machinery and employ our best expertise to restore installed components to their original state.



Upgrades, revamps & modernizations

Your operating conditions have changed? No problem, LMF will adapt your compressor as quickly as possible to new processes. LMF will take care of all the necessary steps, from development to on-site execution.



SUCCESS STORIES

Improved sealing elements cut maintenance costs

The unsatisfactory performance of a non-lubricated CO₂ compressor's piston rod packing element caused service costs and downtimes to spike. LMF quickly analyzed the problem for the client and developed improved packing and sealing elements, using high-quality materials. The service interval for the piston rod packing promptly increased from 1,500 hours to 8,000 hours. Our client, in turn, benefited from significantly reduced maintenance costs.

Customer returned to OEM service

Our client with several process gas compressors turned to LMF for OEM support, having experienced an unsatisfactory performance of spare parts and services provided by a service company, which also caused maintenance costs to increase. After extensive consultation with the client, LMF carried out a complete overhaul with improved wear parts, thus reducing the client's future maintenance costs. The beauty of it all: The client did not have to invest in new compressors – an idea that was suggested earlier.

From decade-long downtime to full operation

One client urgently required a process gas compressor that had been inoperative for 10 years. LMF responded swiftly and completed both the inspection and the diagnosis in no time. After a complete overhaul, including a modernization of the components, LMF was able to recommission the compressor together with the client within a mere six weeks.

Optimized piston rod packing stops leakage and boosts efficiency

A biogas compressor equipped with a third-party piston rod packing continuously leaked gas into the water passages. After inspecting and analyzing the overall situation, LMF developed a new non-cooled piston rod packing for the client. Special care was taken to ensure sufficient calorific exchange. LMF specialists used only high-quality materials and redesigned the packing. As a result, the compressor is again running without any leakages and with extended service intervals.

New home for a used LMF compressor

A renowned beverage bottling company bought a used LMF PET compressor to increase production and step up efficiency. The client requested LMF to carry out all the works needed to integrate the compressor into the production process. Within a month, the LMF team took care of the entire project from first inspection to installation in the new compressor room, complete with start-up and testing. What's more, LMF's single point of contact policy proved its worth once again: Our client saved considerable time and resources and was thus able to focus on production throughout the project.

Client-specific modifications in record time

As a result of a decreased production, the client's air compressor, comprising a blower and a booster compressor, was more than oversized and its delivery capacity too high. After redesigning the compressor system, LMF removed the blower, modified the V-belt drive, and installed new suction piping with a special inlet air filter system. The LMF team also modified the software in line with the modifications. The compressor was restarted and back in operation within only two months. The project resulted in less idle runs and therefore increased efficiency for our client.



CE 1048		Herst. - Jahr 2023	
Herst. - Nr. 33865		Zöberg - Nr. 35-130.5A	
150 kg			
Bauformulare Materialraum Zöberg			
Typ	1		
Werkstoff	W / S		
Druckverl. min/max bar	10 + 15		
Temperatur min/max °C	-10/117		
gesch. bar	155		
Herst. 24/01/2013			
Reichweite	50		
CE 11 3 G Ex h IIC T3 Gc			

Leobersdorfer Maschinenfabrik GmbH (LMF)

Suedbahnstrasse 28

A - 2544 Leobersdorf

Phone: +43 - 2256 - 9001-0

New Equipment Sales

sales@lmf.at

After Sales

service@lmf.at



www.lmf.at



your high pressure solution