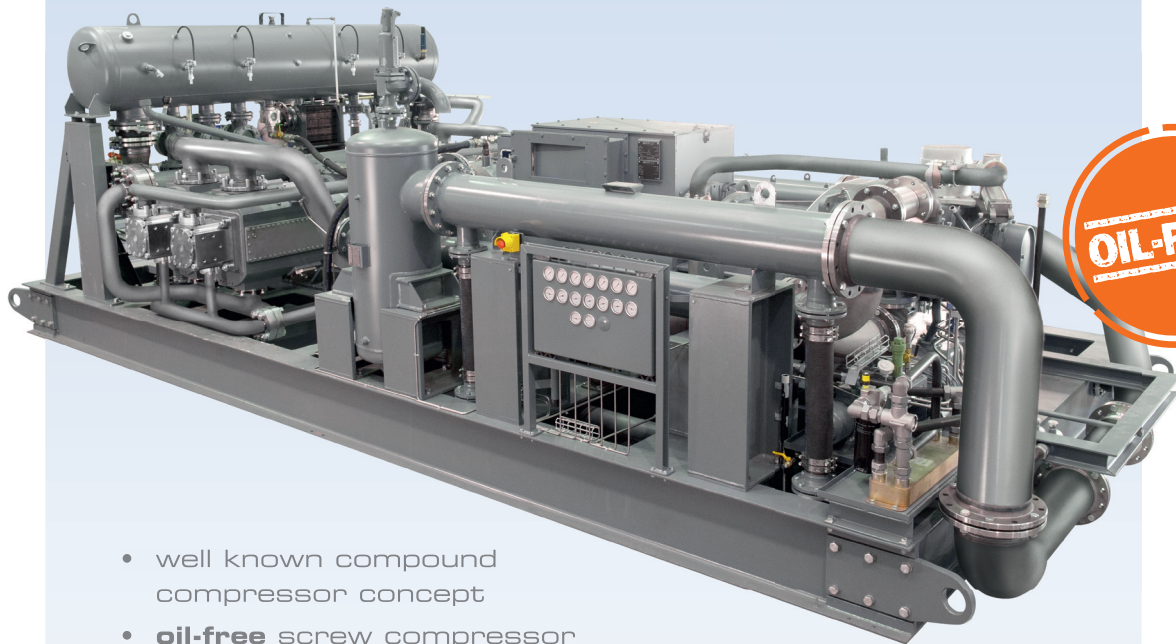


# LMF high pressure **oil-free** compressor for offshore seismic exploration



- well known compound compressor concept
- **oil-free** screw compressor and piston compressor
- small dimensions
- low weight
- electrical drive
- for under deck installation

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**LMF**

MOBILE SYSTEMS

your high pressure solution



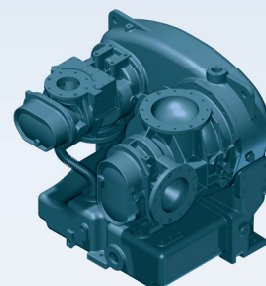
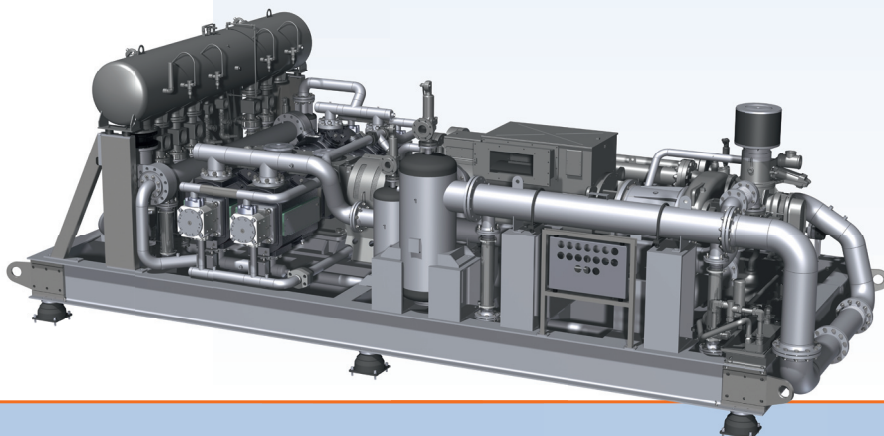
# seismic research

Increasing environmental and logistic challenges have lead to the development of a new technological milestone.

 **LMF** compound compressor systems as optimal solutions for highest capacities with smallest possible space requirements and weights are now available in **oil-free** design.

**Balanced-opposed oil-free  
piston compressor unit:**

- four cylinders
- three stages
- max. speed 1340 rpm
- non-lubricated cylinder concept
- rated power up to 680 kW
- pressure max. 207 bar



**Oil-free screw compressor:**

- double screw compressor design
- two stages
- non-lubricated
- rated power up to 500 kW
- pressure max. 9 bar

# your high pres

# Offshore research oil-free



- No lube oil requirement for screw compressor
- No cylinder lube oil requirement for piston compressor
- No logistic costs and effort for screw compressor and cylinder lube oil
- No disposal costs and effort for screw compressor and cylinder lube oil
- No oil content in condensate ("clean condensate")
- No oil contaminated high pressure air towards manifold and air guns



## TECHNICAL DATA

BOXER-DESIGN	DELIVERY [m³/min] / [cfm]	PRESSURE [barg] / [psig]	POWER [kW]
LMF 51sT / 138-207	51 / 1800	207 / 3000	950
LMF 56sT / 138-207	56 / 1980	207 / 3000	1050
LMF 62sT / 138-207	62 / 2190	207 / 3000	1200
LMF 70sT / 138-207	70 / 2470	207 / 3000	1350
LMF 78sT / 138-207	78 / 2755	207 / 3000	1400

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# ssure solution

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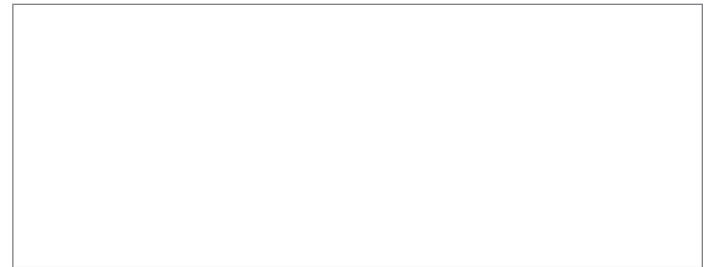
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