

LMF mobile gas-pipeline evacuation unit



- truck mounted (38t)
- gas engine drive
- evacuation of 1,6mill. Nm³ in 24 hours possible
- evacuation pressure down to 5bar/1 bar possible
- optimum reduction of methane emission
- independent, fully automatic operation
- suitable for ambient temperatures from -40°C to +40°C
- EU-road permission
- patented automatic single to double stage operation

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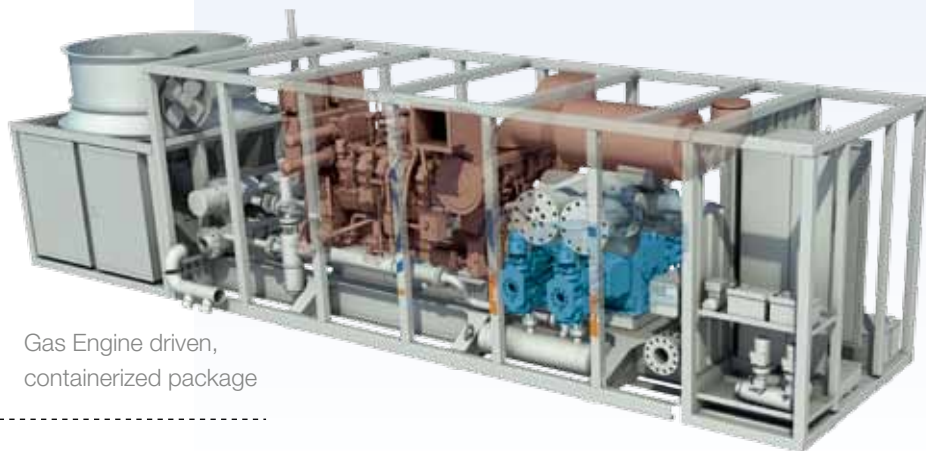
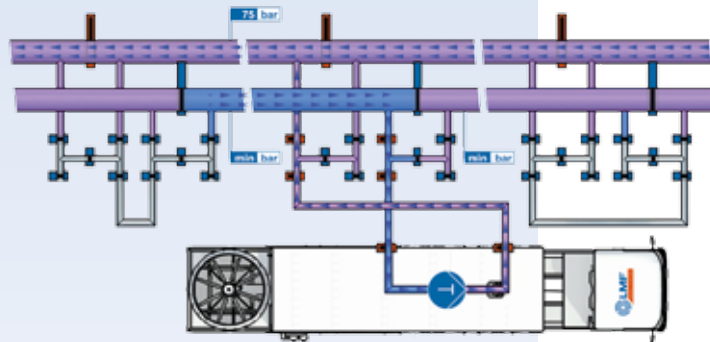


your high pressure solution

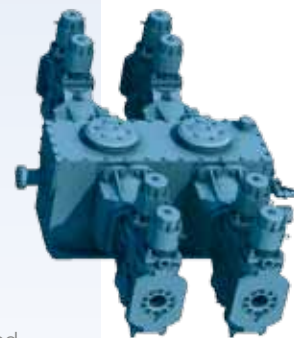
pipeline evacuation

LMF mobile compressor systems for pipeline evacuation are fully equipped to operate independently without any external power source. The segment of the pipeline to be evacuated is sealed off by valves at each of its ends. The evacuation unit is then connected to this isolated segment and started – which can be done by remote control from a central operator station. The unit operates fully automatically.

LMF's patented two-stage operation is designed for maximum efficiency in pipeline evacuation. Initially the system operates as a single-stage compressor for high volume operation, changing automatically to double-stage function during the second part of the evacuation process.



Gas Engine driven,
containerized package



Balanced-opposed
compressor unit BS 604

- 4 cylinders
- 2 stages
- max. speed (lubricated) 1800 rpm
- max speed (non lubricated) 1200 rpm
- rated power up to 800 kW

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LMF mobile gas-pipeline evacuation unit

compressor in balanced-opposed design, gas engine driven, containerized, truck mounted.

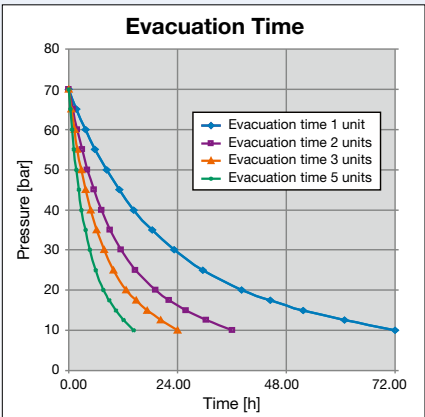
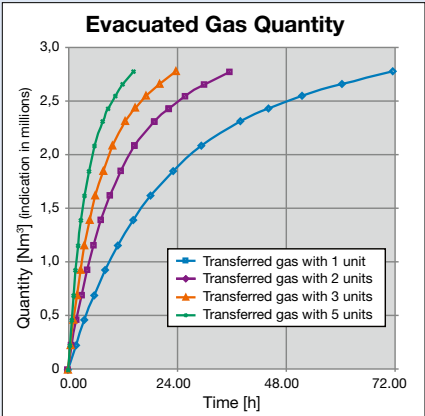
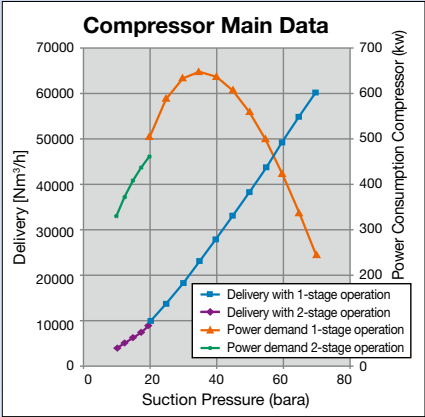
PIPELINE EVACUATION – LMF P-PACK 750

TECHNICAL DATA

Compressor:	
design:	balanced opposed
number of cylinder	4
number of stages:	2
speed (nominal)	1400 rpm
power requirement	740 kW
(including relevant auxiliary drives)	
Gas Engine:	
number of cylinders:	12
bore x stroke:	170 x 190 mm
displacement:	51,8 litres
speed (nominal)	1400 rpm
rated power:	749 kW
Turbocharged	

PIPELINE DATA (example of evacuation process)

length of pipeline segment:	28 km
inner diameter:	1400 mm
volume of pipeline:	43103 m ³
pressure at starting point:	70 bara
gasvolume at start:	2.822.721 Nm ³
endpressure:	10 bara
gasvolume at end:	403.246 Nm ³
saved gasvolume:	2.419.476 Nm ³



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pressure solution

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