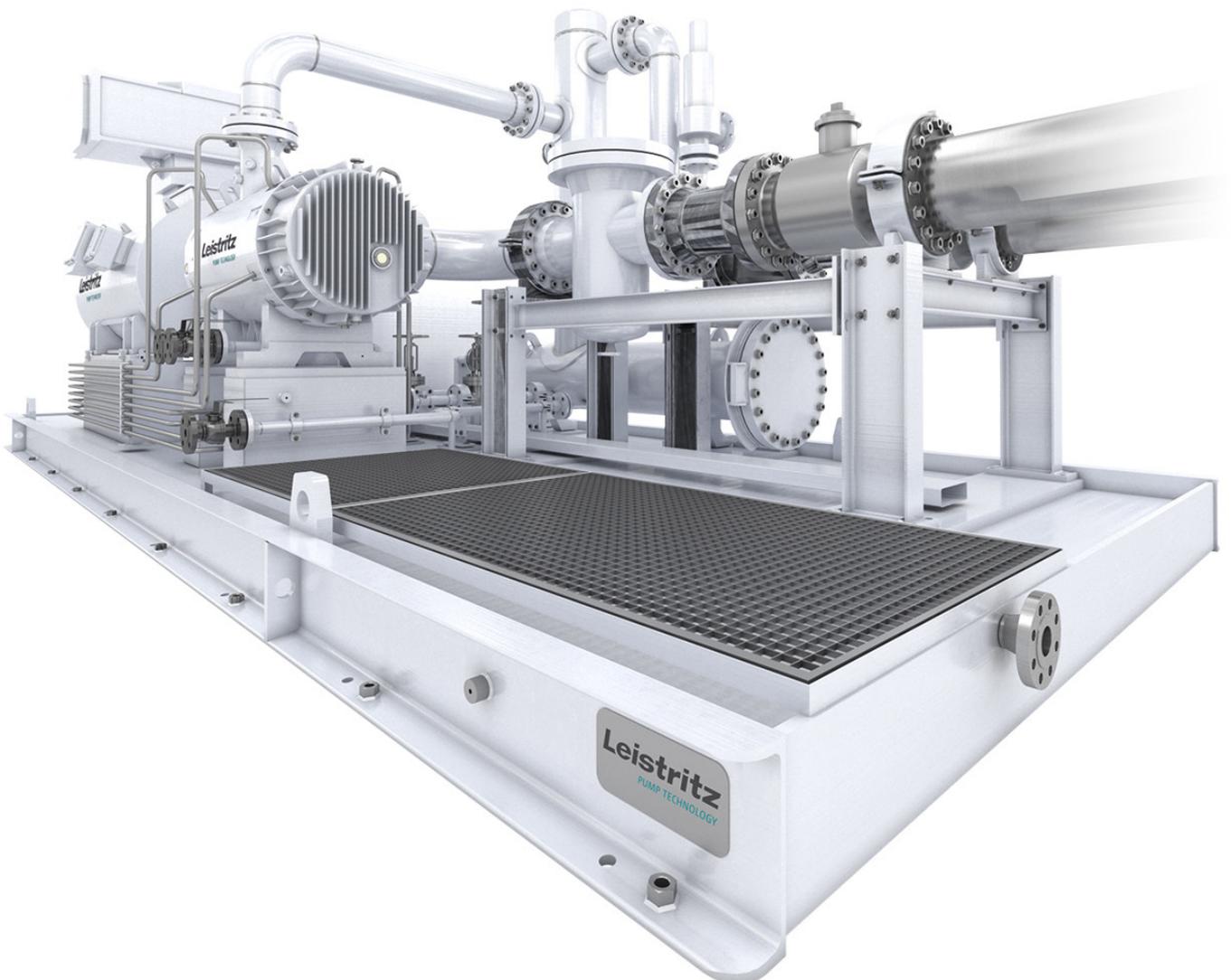


The Evolution of Multiphase System: Hydro Compressor Technology

Up to 25% more efficiency at OPEX additional cost reduction at CAPEX

- Handles up to 100 % gas volume fraction
- Perfect solution for low inlet pressures
- Liquid tolerant



Hydro Compression.

Your benefits.

The Hydro Compressor Technology is the next evolutionary step in Multiphase pump (MPP) applications. Thanks to the increased efficiency of the system of up to 25% (at GVF of 90 % and more) your **OPEX decreases**. Hydro Compression also means that a smaller motor with a smaller VFD is used, resulting in **less CAPEX**.

- **Increased efficiency resulting in up to 25% reduction of power requirement and smaller motor**
- **Tolerant to liquid slugs**
- **Process cooling reduced or eliminated**

Hydro Compressor Technology combines the best of both worlds: the advantages of screw pumps and wet gas compressors.



Example: Leistritz L4MG410

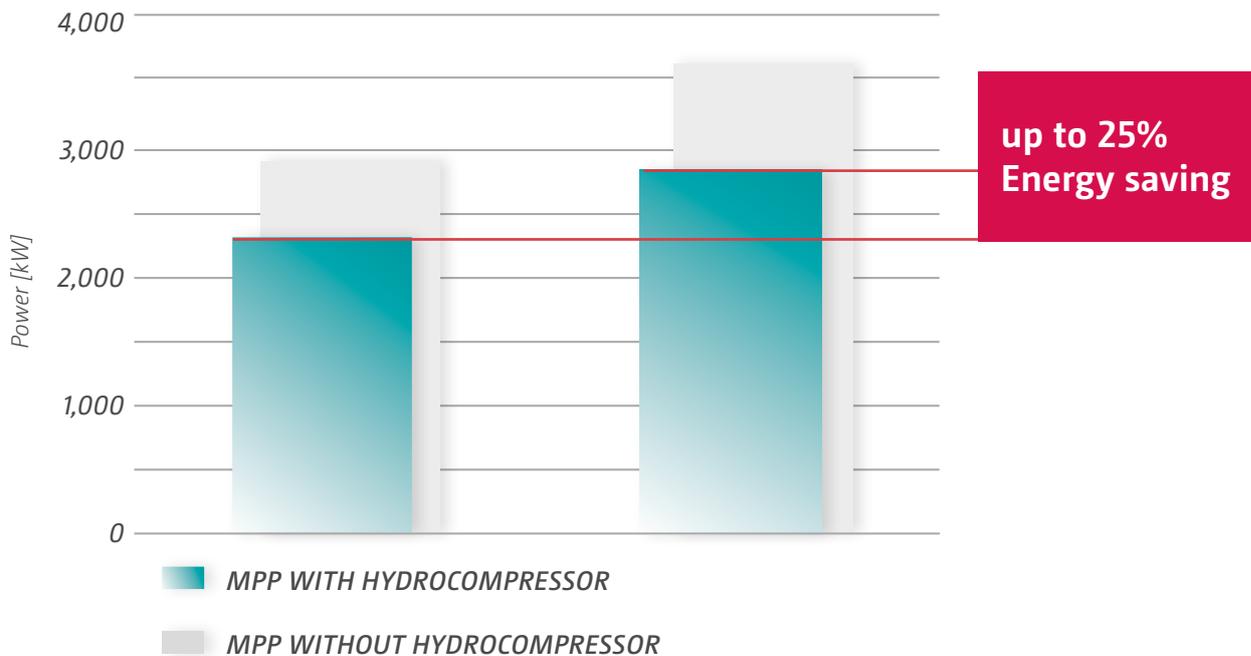
	Case 1	Case 2
Total flow [m³/h]	2,665	3,230
Inlet pressure [bar]	3	3
Discharge pressure [bar]	34.5	34.5
GVF [%]	98.5	98.5

Power [kW]

MPP without Hydro Compressor	2,986	3,567
MPP with Hydro Compressor	2,385	2,848

Saving in energy cost

Electrical driven [Euro p.a.]	210,800.-	251,950.-
Diesel driven [Euro p.a.]	421,600.-	503,900.-



Pump Technology worldwide



Get more information today!



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