

EN

High performance capacitors

LiCaTronic®

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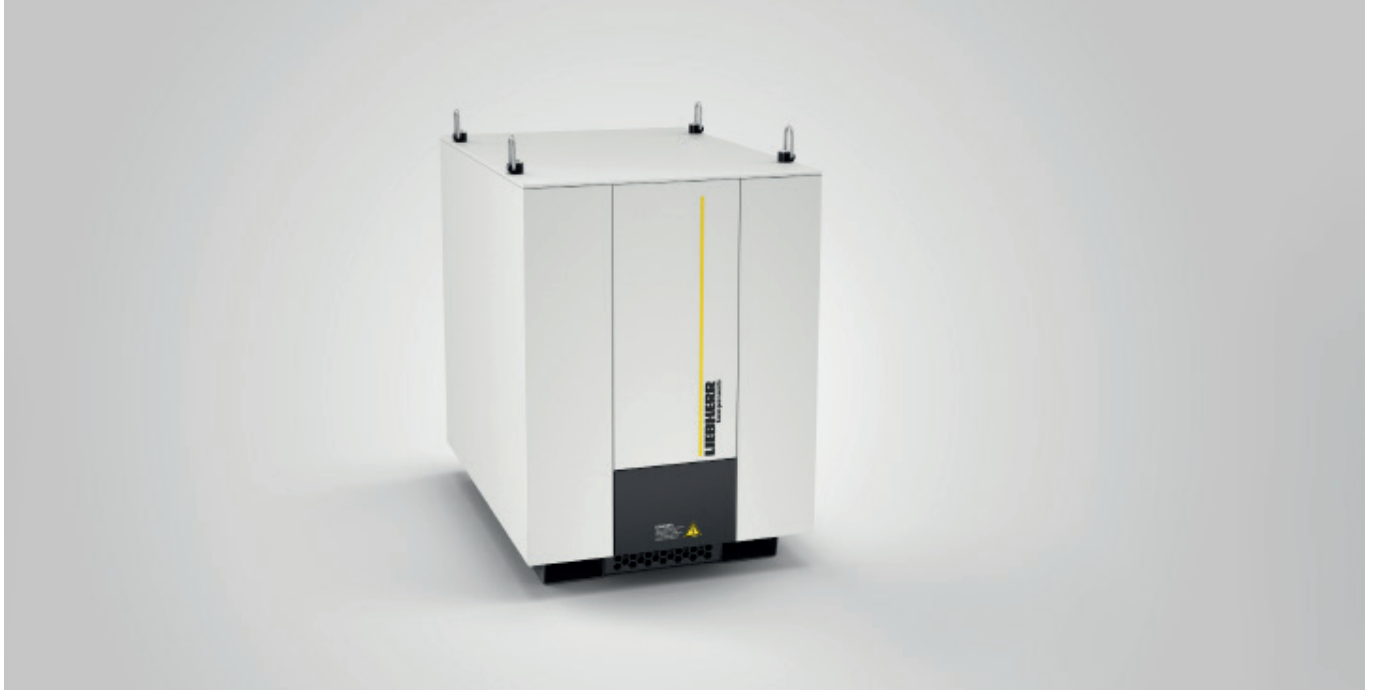
LIEBHERR

Maritime cranes



LiCaTronic®

High performance capacitors



The purely electrical driven harbour crane LPS 420 E can be equipped with LiCaTronic high performance capacitors. The energy storage system consists of two high performance double layer capacitor units which are characterized by an ultra-fast response time and a high degree of durability. Energy will be recovered while lowering the load.

The recovered power remains in the system until it is required for operation. The high performance capacitors also work as an energy buffer in case of power supply deviations. This ensures safe and reliable crane operation at any time.

Advantages:

- Energy capacity: 1.5 MJ per unit
- Power output: 100 kW per unit for 15 seconds
- Cooling: Fluid cooled
- High storage capacity through parallel connection