

Synchronous lifting/lowering system

For heavy, critical and complex lifting tasks



Lifting and lowering with an accuracy of 1 mm

The hydraulic lifting system allows the operator to perform each step in the lifting and lowering process synchronously via integrated control of hydraulic and positioning sensors. The system is controlled by PLC control, which is based on Siemens technology.

Unbalanced loads are leveled during the lifting and lowering process with an accuracy of 1 mm.

The ideal contractor tool for handling heavy, complex or critical lifting tasks, including bridge/road/sea construction maintenance or installation of heavy equipment or weighing operations, all of which require accurate control data functions.

All data during operation is monitored by the system, which increases productivity and safety during operation. All data is saved and can be downloaded for later use. The system is user-friendly, secure and modular built.

The system has been developed to adapt to customers' lifting needs and can be customized with a number of optional options.

Standard set up

700 bar hydraulic pump with radial piston pump, 3-phase motor inverter controlled.

Portable or touch screen panel.

Wire transducers for shock alarm control.

Armored cables complete with industrial connectors.

Control management

PLC Controlled (Siemens)

Typical application of synchronous lifting from 4 to 48 points

Option to select the cylinders to be operated.

Wire transducers for shock alarm control