

Synchronous Hoist System, 4 Cylinders, 833 kN, 500 mm Stroke, Manual Control - Enerpac SHS48520MW

Item no. ENP-SHS48520MW

Manufacturer Enerpac

SynchHoist system with four cylinders of 833 kN each and 500 mm stroke. PLC-controlled hydraulics position the load to the millimetre below the crane hook.

TECHNICAL DATA

Country of Manufacture	United States
Hinweis	Industriewerkzeuge
Kapazität, kN	500-1000 kN
Series	SHS
Weight	0.1 kg



DESCRIPTION

The SHS48520MW SynchHoist system aligns heavy and unbalanced loads below the crane hook to the millimetre. Four hydraulic push and pull cylinders of 833 kN each and 500 mm stroke sit in line with the rigging, so every lifting point can be monitored and adjusted individually.

BENEFITS

- High-precision load movement in the vertical and horizontal plane with a single crane
- PLC-controlled hydraulics with stroke and load monitoring at each of the four lifting points
- Double-acting push and pull cylinders with pilot-operated check valves hold the load if a hose or coupler fails
- Reduces the risk of wire-rope oscillation from sudden crane starts and stops
- Manual control with system warnings for load, stroke and temperature

TECHNICAL DATA

- Cylinders: 4 x 833 kN (3332 kN total)
- Stroke: 500 mm
- Operating pressure: 700 bar
- Collapsed height: 1330 mm
- Extended height: 1830 mm
- Cylinder diameter: 265 mm

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- Control: manual (system warnings)
- Series: SHS

APPLICATIONS

Suited to pre-programmed positioning, tilting and aligning of heavy loads with one crane, for example in plant construction, machinery installation and heavy-lift logistics.