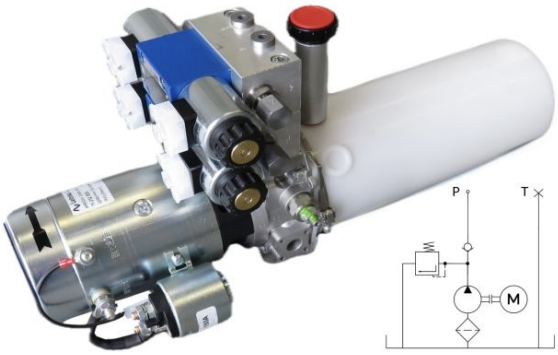
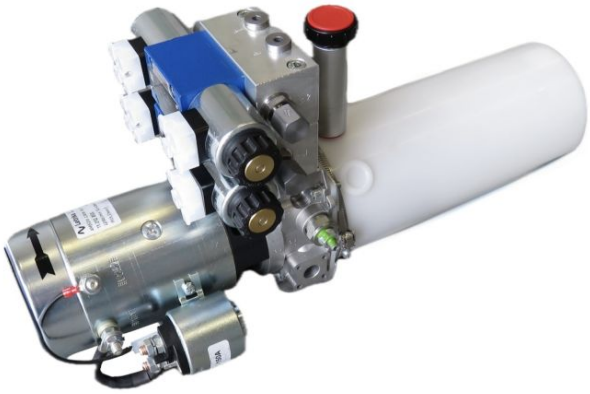
# Hydraulic Powerpacks



# Features



## PPI - 1,5kW and 2kW

Power pack size 1 is a small, extremely compact hydraulic unit with an impact resistant plastic reservoir. It weighs only 14 kg (30 lbs), requires very little space and can be mounted upright or on its side. It is thus ideal for installation inside the engine compartment and for use on smaller boats.

The unit is suitable for controlling roller furlers, mast furling systems, foot outhauls and a wide variety of ramps, doors and platforms. Note however that this unit is not suitable for powering winches. In this case please select a more powerful unit from the Reckmann range (e.g. Power pack size 2).

A maximum of 2 applications can be powered and with the exception of the combined function for furling mast and foot outhaul only one application can be controlled at any given time. Options available include an electrical control box and a push button switch. The transparent oil reservoir makes it easy to check the oil level visually. The unit comes supplied with 3 litres or 5 litres of hydraulic fluid respectively. The suction line of the pump incorporates a filtering system, which protects valves and motors from contamination.




## PPI - 3kW

Power pack size 1 is a small, extremely compact hydraulic unit with an impact resistant plastic reservoir. It weighs only 14 kg (30 lbs), requires very little space and can be mounted upright or on its side. It is thus ideal for installation inside the engine compartment and for use on smaller boats.

The unit is suitable for controlling roller furlers, mast furling systems, foot outhauls and a wide variety of ramps, doors and platforms. Note however that this unit is not suitable for powering winches. In this case please select a more powerful unit from the Reckmann range (e.g. Power pack size 2).

A maximum of 2 applications can be powered and with the exception of the combined function for furling mast and foot outhaul only one application can be controlled at any given time. Options available include an electrical control

box and a push button switch. The transparent oil reservoir makes it easy to check the oil level visually. The unit comes supplied with 3 litres or 5 litres of hydraulic fluid respectively. The suction line of the pump incorporates a filtering system, which protects valves and motors from contamination.

# Features




## PP II

The Hydraulic Power Pack Size 2 is a powerful, compact unit with an anodized aluminum tank. The consistent use of anodized aluminum ensures maximum corrosion resistance while keeping the weight to just 48 kilograms (with five functions).

The unit is suitable for controlling furling systems, in-mast furling drives, outhauls, hydraulic winches from various manufacturers (e.g., LEWMAR up to a maximum of 54HST), as well as a wide range of ramps, hatches, or platforms. This power pack is not suitable for controlling larger winches; in such cases, please select a more powerful unit from the Reckmann range, such as the Power Pack Size 3.

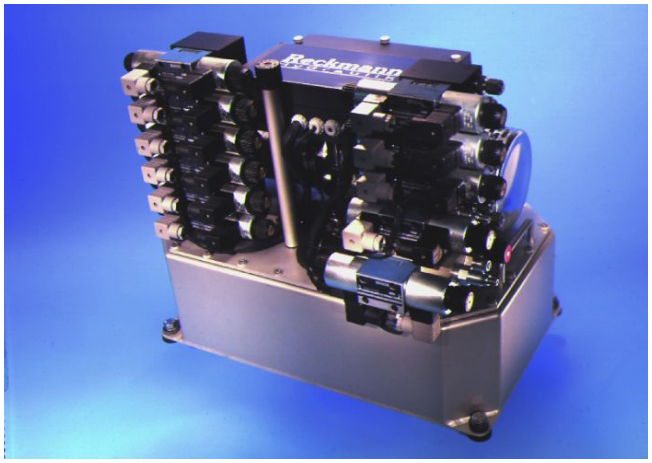
In the standard configuration, up to five functions can be controlled; however, up to ten functions are available on request.

The unit is delivered fully wired with an electrical “control box” featuring a circuit board design, allowing operation via simple push buttons. The special design of this power pack ensures convenient, time-saving maintenance, as all components are accessible without opening the oil reservoir.

For simplified troubleshooting, each function is equipped with indicator LEDs. An integrated fan and thermal switch prevent potential overheating of the 3 kW electric motor in the event of overload.

The oil sight glass allows for effortless visual inspection of the oil level at any time. An additional electronic oil level monitoring system alerts the user to any oil loss. A filter system integrated into the pump’s suction line protects the valves and motors from contamination. Vibration dampers at all four mounting points ensure smooth and quiet operation.

# Features



## PP III

Power pack size 3, in contrast to size 2 unit is equipped with a twin pump system and can supply twice the volume flow within the 100 bar pressure range. Hence this power pack is a very powerful yet compact unit. By using anodised aluminium throughout we have achieved maximum corrosion resistance and a weight of only 55 kg (121 lbs.) with up to ten functions.

The unit is suitable for controlling up ten applications e.g. roller furlers, mast furling systems, foot outhauls, hydraulic winches by LEWMAR up to 88 HST, hydraulic winches by ANDERSEN up to 68 STH, windlasses and a wide variety of ramps, doors and platforms. If you don't find your desired application in this list, please ask us. The unit is supplied fully wired to an electrical control box (circuit board), which facilitates quick and convenient connection to a push button cable via the terminal block. Pressure stage control is purely mechanical and overload protection does not employ any electronic components, thus guaranteeing fault free operation. The special design of this unit provides for convenient and time saving maintenance because all parts are accessible without having to open the fluid reservoir. All functions are indicated by LED's, thus simplifying fault finding. An integral fan and thermal switch prevent overheating of the 3 kW electric motor during overload conditions. An oil sight glass for visual inspection of the fluid level is provided and an additional electrical oil level check will report any loss of fluid. The suction line of the pump incorporates a filtering system, which protects valves and motors from contamination. Vibration dampers on all 4 supporting locations guarantee smooth and quiet operation.



## PP IV

Power pack size 4 is equipped with 2 DC twin pump units and is therefore the most powerful unit within the Reckmann range. This unit’s large reserve power capacity makes it possible to maintain sufficient system pressure with reduced oil flow should one of the pumps fail completely.

By using anodised aluminium throughout we have achieved maximum corrosion resistance and a weight of

only 79 kg (174 lbs.) with up to ten functions. The unit is suitable for controlling applications from any manufacturer, e.g. roller furlers, mast furling systems, foot outhauls, hydraulic winches, windlasses and the widest variety of ramps, doors and platforms. If your desired application isn't listed, please ask us. We will be happy to advise you.

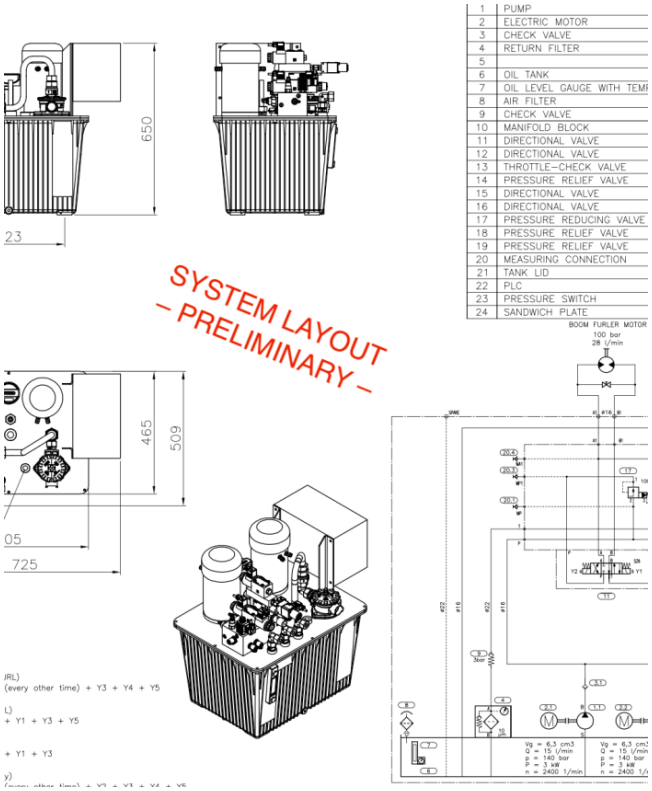
The unit is supplied fully wired to an electrical control box (circuit board), which facilitates quick and convenient connection to a push button cable via the terminal block.

Pressure stage control is purely mechanical and overload protection does not use any electronic components, thus guaranteeing fault free operation.

The special design of this unit provides for convenient and time saving maintenance because all parts are accessible without having to open the fluid reservoir. All functions are indicated by LED's, thus simplifying fault finding. An integral fan and thermal switch prevent potential overheating of the 3 kW electric motor during overload conditions. The unit is equipped with an oil sight glass for visual inspection of the fluid level, and an additional electrical oil level check will report any loss of fluid. The suction line of the pump incorporates a filtering system, which protects valves and motors from contamination.

Vibration dampers on all four support points guarantee smooth and quiet operation.

# Features




## Custom Power Packs

Reckmann offers **fully customized hydraulic power pack solutions** tailored to specific yacht systems and project requirements.

Based on decades of experience in hydraulic system design for high-performance sailing yachts, we develop integrated, application-specific power packs that go far beyond standard configurations. Each system is engineered as a complete solution, optimized in terms of performance, space, control logic and ease of operation.

Typical applications include complex systems such as **hydraulic boom furling drives**, where precise control, defined load characteristics and reliable operation under varying conditions are essential.

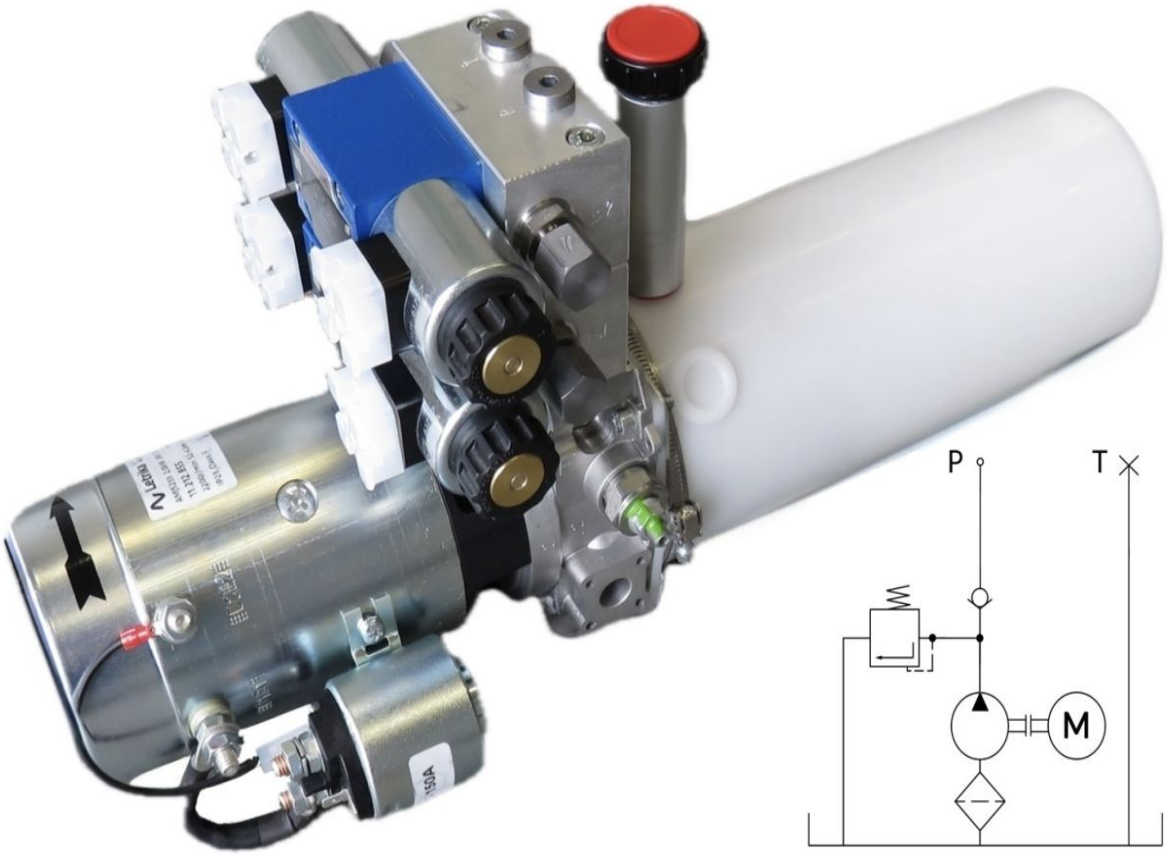
Custom configurations may include:

- Application-specific **valve setups** (e.g. counterbalance valves, load-holding functions, synchronized movements)
- Integrated **PLC control** systems for advanced logic and automation
- Tailored **control interfaces** (push buttons, remote systems, integration into onboard electronics)
- Optimized pressure and flow characteristics for dedicated functions
- Redundant or **safety**-critical system layouts

Our custom power packs can be delivered as **turnkey, standalone systems**, including all required components such as control units, wiring, sensors and pre-configured hydraulic circuits. This significantly reduces installation effort and ensures reliable system performance from the outset.

Close collaboration with shipyards, mast builders and system integrators ensures that each solution is perfectly matched to the overall yacht concept.

If your project requires a hydraulic solution beyond standard products, our engineering team will be happy to support you from concept to final implementation.


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