

Megayacht Hydraulics

Harken® offers cylinders and custom hydraulic power systems for megayachts. These complete solutions allow crew to easily control all hydraulic functions and sail controls, including mainsheet traveler, backstay, halyard tensioner, outhaul, boom vang, furling, and winch systems. Systems include custom power units, PTO pumps, valve manifolds, and electrical control systems.

Cylinders

Cylinders feature Hardkote-anodized 6061-T6 aluminum housing, high-strength, corrosion-resistant Nitronic 50 stainless rods and 316 stainless steel pins. As the cylinder moves, low-friction Teflon® seals reduce drag for easier control.

PTO Pumps

Customized for specific hydraulic systems, PTO (power take-off) pumps convert engine power to hydraulic power to handle gear requiring high horsepower such as Captive Reel winches, bow thrusters, or windlasses.

Electro-Hydraulic Valves

Valves electrically control hydraulic functions with simple on/off or proportional flow for precise, repeatable performance.



Power unit



Valve block