

## QP100A Hydraulic Power Unit

### DESCRIPTION

This all in-tank hydraulic power unit provides the fluid power necessary to articulate any large Quantum Stabilizer. The fully submerged, fan-less electric motor coupled with the 175 cc multi pressure pump with a silencer on the pump outlet, therefore minimizing ambient noise. Multiple vibration dampeners in and outside the unit ensure minimal structural vibration transfer to further reduce noise.

Designed for any contingency, the heat exchanger with integrated fins and added gear pump will ensure the hydraulic system always keeps its cool. Independent hand and a 1.75hp integrated emergency backup pumps guarantee operability during commissioning, testing, or power failures and even can be used for emergency retraction of the stabilizers.

### FEATURES:

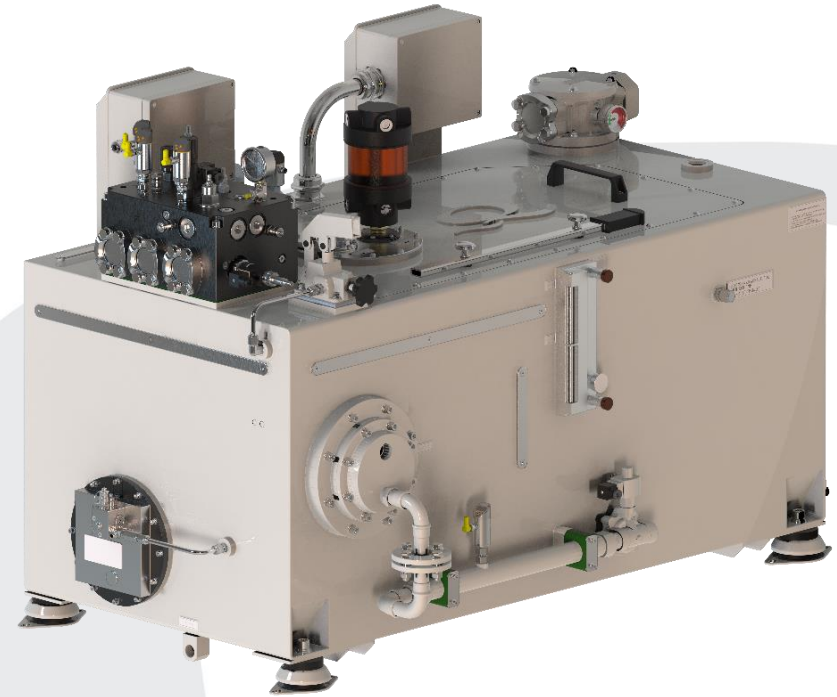
**SIMPLE INSTALLATION:** The QP100A consolidates maximum machinery output into a small footprint. This compact unit can be easily positioned into tight machinery spaces designed to incorporate maximum hydraulic function within a single “plug and play” assembly. Thus, straight-forward connections for mechanical installation, as well as hydraulic and cooling pipe work.

**EFFICIENT:** The power unit, housed in a stainless steel tank only draws the minimum power necessary to operate the hydraulic components on demand, thus reducing the load on the vessel’s electrical power grid and cooling systems.

**MINIMAL NOISE:** This is Quantum’s quietest 100hp HPU to date, independently tested to optimize components for minimal vibration levels.

**APPEARANCE:** The durable high gloss epoxy paint finish is mirrored by the military grade black anodized manifold. All DIN plugs are illuminated to show their activity while the clear digital displays for temperature, pressure and level can be easily read on the HPU or remotely on an HMI.

Equipment is covered by Quantum’s 1-year comprehensive warranty.  
Service and technical support are available worldwide.



Operating Capacity*	75kW (100hp)
Operating Pressure	207bar (3000psi)
Tank Capacity	628L (166Gal)
Length (overall)**	1626mm (64")
Height (overall)**	1027mm (41")
Depth (overall)**	959mm (38")
Weight Inc. (dry)	1067kg (2352lbs)

\*Provided for reference only. Consult a Quantum representative for system sizing.  
\*\* Dimensions are of the equipment, and do not include service allowances.

All information contained within this document remains the property of the Quantum Group and is subject to change at any time. Any use of the information for other than the intended purpose is expressly forbidden. Consult a Quantum representative for more information.