

# MPU30

## HYDRAULIC POWER UNIT

### DESCRIPTION:

The military hydraulic power unit provides the fluid power necessary to articulate the stabilizer fins. Quantum power units can be paired with a variety of stabilizer hull unit sizes and quantities based on vessel requirements providing a multitude of arrangement options.

Designed to consolidate maximum machinery output into a small footprint, this compact unit can be easily positioned into tight machinery spaces. The MPU30 power unit consolidates on a single skid the hydraulic drive train on an aluminum frame with drip tray, stainless steel oil reservoir with associated gauging and sensors, as well as return filtration and oil cooler. The MPU30 is a proven heavy duty built machine which can be depended upon to supply hydraulic power for the most demanding stabilizer systems.

### FEATURES:

- **SIMPLE INSTALLATION:** The MPU30 is 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 are at the heart of the MPU30 design.
- **EFFICIENT:** The power unit only draws the minimum power necessary to operate the hydraulic components on demand, thus reducing the load on the vessel’s electrical power and cooling systems.
- **MINIMAL NOISE:** Quantum’s power units utilize a three-point isolation system to bring both noise and vibration levels down. Hydraulic noise suppressors are attached directly at pump discharge to minimize hydraulic noise in the pipes.
- **FUNCTIONALITY:** The durable paint finish, polished stainless steel tubing and black anodized manifolds make this unit a work of art as well as a practical marine-grade solution. A desiccant breather and thermo-couplings ensure the system operates optimally in any condition to stabilize your mission .

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



<b>Operating Capacity*</b>	22kW (30hp)
<b>Operating Pressure</b>	136bar (2000psi)
<b>Tank Capacity</b>	292L (77Gal)
<b>Length (overall)**</b>	1251mm (49.3")
<b>Height (overall)**</b>	1184mm (46.6")
<b>Depth (overall)**</b>	719mm (28.3")
<b>Weight (dry)</b>	769kg (1700 lbs)

*\*Provided for reference only. Consult a Quantum representative for system sizing.*

*\*\* Dimensions are of the equipment, and do not include service allowances.*

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INNOVATION

