

# Hydraulic Power Packs

*A leader in turnkey hydraulic power systems to the marine industry for over 25 years. Supplied in two designs:*

*A. Commercial & Military Ships - Maximum accessibility and ease of inspections.*

*B. Luxury Yachts – Specifically for elegance and ease of operation.*

## Common Features

- ✓ Reliable hydraulic power independent of main engines – ideally suited for Stabilization at Anchor (AtRest®) systems.
- ✓ Assembled and tested in-house with only the highest quality components.
- ✓ Self-contained fully plumbed units include motor(s), pump(s), fluid cooling and filtration, valves/manifolds and accumulators and/or silencers.
- ✓ Eases installation, reduces hydraulic lines, and simplifies maintenance.
- ✓ Fluid level, temperature and pressure are continuously monitored with electronic sensors. Alarm signals sent to the DATUM™ motion control system and the ship’s central alarm.
- ✓ Reservoir configured with suction ports when required to supply engine driven pumps.



## A. Commercial and Military Power Packs

- ✓ Open design maximizes accessibility. Ideally suited for systems subject to special regulations and mandatory inspections.
- ✓ Soft starter or variable frequency motor drive can be mounted on the power pack or separately.

| <i>Motor Power</i> | <i>Width<br/>Inches (mm)</i> | <i>Height<br/>Inches (mm)</i> | <i>Depth<br/>Inches (mm)</i> |
|--------------------|------------------------------|-------------------------------|------------------------------|
| 7.5 - 11 kW        | 33.5 (851)                   | 41.5 (1053)                   | 33.9 (862)                   |
| 12 - 15 kW         | 48.2 (1224)                  | 39.4 (1002)                   | 33.7 (856)                   |
| 18.5 kW            | 51 (1295)                    | 42.5 (1079)                   | 34.1 (867)                   |
| 22 kW              | 38.6 (980)                   | 47.8 (1214)                   | 35.2 (895)                   |
| 30 kW              | 43.3 (1100)                  | 47.6 (1208)                   | 32.7 (830)                   |
| 37 kW              | 57.9 (1472)                  | 49 (1245)                     | 55.1 (1400)                  |
| 44 kW              | 57.9 (1472)                  | 49 (1245)                     | 55.1 (1400)                  |
| 55 kW              | 55.5 (1410)                  | 52.5 (1335)                   | 59 (1500)                    |
| 75 kW              | 68.1 (1730)                  | 53 (1348)                     | 70.8 (1800)                  |
| 100 kW             | 78.6 (1997)                  | 70.2 (1784)                   | 61 (1550)                    |
| 112 kW (75+37)     | 92.5 (2350)                  | 52 (1323)                     | 82 (2087)                    |
| 137 kW (100+37)    | 92.5 (2350)                  | 60.5 (1541)                   | 82 (2087)                    |



Plus custom sizes and configurations designed to suit any application.

## B. Luxury Yacht Power Packs

- ✓ Minimum noise and vibration - submerged pump, and runs at low RPM.
- ✓ Available in a wide variety of standard sizes and configurations with single or dual motors.
- ✓ High yacht quality fit and finish throughout.
- ✓ Can be controlled with the DATUM™ system, or a PLC integrated system.
- ✓ Removable front panel houses filters, coolers, valves and manifold.
- ✓ Variable frequency motor drive mounts separately.



| Motor Power | Width Inches (mm) | Depth Inches (mm) | Height Inches (mm) |
|-------------|-------------------|-------------------|--------------------|
| 7.5 kW      | 24 (610)          | 18.9 (480)        | 39.4 (1000)        |
| 11 kW       | 43.5 (1105)       | 25.5 (647)        | 43.4 (1102)        |
| 15 kW       | 43.5 (1105)       | 25.5 (647)        | 47.8 (1215)        |
| 18.5 kW     | 43.5 (1105)       | 25.5 (647)        | 49.8 (1266)        |
| 22 kW       | 46.5 (1182)       | 32.1 (815)        | 54.5 (1385)        |
| 30 kW       | 46.5 (1182)       | 32.1 (815)        | 56.9 (1445)        |
| 45 kW       | 46.5 (1182)       | 32.1 (815)        | 61.2 (1555)        |
| 2 x 15 kW   | 46.5 (1182)       | 32.1 (815)        | 52 (1320)          |
| 2 x 18.5 kW | 46.5 (1182)       | 32.1 (815)        | 54.1 (1375)        |
| 2 x 22 kW   | 50.5 (1282)       | 32.1 (815)        | 58.5 (1485)        |
| 2 x 30 kW   | 50.5 (1282)       | 32.1 (815)        | 60 (1525)          |
| 2 x 37 kW   | 70.5 (1790)       | 37.5 (953)        | 66.5 (1689)        |

Plus custom sizes and configurations designed to suit any application.

## Diesel Engine Pump Drives

When power is not available to run an electric motor, specify an ND diesel-engine driven pump package. Compact and quiet, these units bring stabilization AtRest® capability to more yachts than ever before.



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