



The Launch And Recovery System (LARS) Hydraulic Power Unit (HPU) is an enclosed design that incorporates one motor/pump set providing flow and pressure to drive the winch and A-Frame (LARS) operational requirements when deploying the Typhoon MK2 ROV.

The HPU is housed within enclosed bump frame design and is designed to withstand the abuse of offshore use and the associated environmental conditions.

Operation of the HPU is controlled via an electrical control/starter panel, supplied by Bosch Rexroth to a design discussed and approved by the customer. An electrical control / starter panel is supplied with the HPU, installed and fully wired to the internal instrumentation. The HPU and its components are designed and built for use in a "Safe Area" environment area.

TMT can configure the LARS HPU to suit the customer requirements.

### Features:

- Easy to install & remove
- Easy to transport
- Oil level sensors
- Oil temperature sensors
- Fully corrosion treated
- Anti-condensation heaters
- Electro proportional, pressure compensated
- Pressure relief valve

### Specifications:

- |                           |                       |
|---------------------------|-----------------------|
| • Dimensions              | 2800L x1400W x2805Hmm |
| • Shipping Weight         | 4600kg                |
| • MGW                     | 6000kg                |
| • Electrical Requirements | 440VAC/3ph/60hz       |
| • Tank Oil Volume         | 800L                  |
| • Oil Type                | Mineral Oil           |
| • Power                   | 210kW@60Hz            |

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