Hydraulic Distribution Module

The Hydraulic Distribution Module (HDM) is designed to supply hydraulic power from a closed-center rig hydraulic system to a suite of up to four pieces of equipment.

Key Benefits and Features

- Four pairs of hydraulic outlet supplies
  - Adjustable hydraulic outlet pressure 200-3000 pounds per square inch
  - Adjustable hydraulic outlet flow from 0.2 - 50 gallons per minute
- Two of the hydraulic supplies maintain constant pressure (suitable for FMS, FA-1, and other hydraulic consoles)
- Two of the supplies are piloted-on, intended for either local control or remote control tong systems. Hydraulic power is switched on and off using remote foot pedals
- Four pneumatic outlets filtered, lubricated, and regulated to 100 psi
- Four case-drains
- Return line filtration to 10 microns (sufficient to maintain NAS 6 cleanliness)
- ESD to shut-off all hydraulic outputs, and can be equipped with remote ESD option
- High Backpressure Automatic Shutdown circuit triggers ESD when return line is restricted or blocked

Use in the following applications:
- Deepwater and ultra-deepwater
- Mid-water shelf
- Land

Specifications

<table>
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<tr>
<th>Specification</th>
<th>Deepwater and ultra-deepwater</th>
<th>Mid-water shelf</th>
<th>Land</th>
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<tbody>
<tr>
<td>Weight</td>
<td>1,000 pounds [454 kilograms]</td>
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<tr>
<td>Max Hydraulic Inlet Operating Pressure</td>
<td>3,900 psi [269 bar]</td>
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<tr>
<td>Max Hydraulic Return Line Pressure</td>
<td>350 psi [24 bar]</td>
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<tr>
<td>Max Pneumatic Supply Pressure</td>
<td>250 psi [17 bar]</td>
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<tr>
<td>Maximum Hydraulic Combined Flow-rate</td>
<td>60 gallons per minute [227 liters per minute]</td>
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<tr>
<td>Envelope Dimensions (excluding hose exits on front and rear)</td>
<td>30 x 30 x 38 inches [762 x 762 x 965 millimeters]</td>
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