

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

Weight	1,000 pounds [454 kilograms]
Max Hydraulic Inlet Operating Pressure	3,900 psi [269 bar]
Max Hydraulic Return Line Pressure	350 psi [24 bar]
Max Pneumatic Supply Pressure	250 psi [17 bar]
Maximum Hydraulic Combined Flow-rate	60 gallons per minute [227 liters per minute]
Envelope Dimensions l x w x h (excluding hose exits on front and rear)	30 x 30 x 38 inches [762 x 762 x 965 millimeters]