

Well Construction

Frank's Tubular Running Services (TRS)

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.

Features and benefits

- 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



Specifications

Weight	1,000 pounds [454 kg]
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 lwxhxh (excluding hose exits on front and rear)	30 x 30 x 38 inches [762 x 762 x 965 mm]