



DRAGON

Hydration Unit



The Dragon Hydration Unit is capable of transporting and transferring chemicals for oilfield stimulation applications. The unit comes complete with all necessary components and connections. All equipment is positioned and installed for ease of maintenance and repairs.

- Maximum working Fluid Rate: 100 BPM

TRAILER:

- Heavy duty drop tandem axle trailer
- Landing legs
- ABS Brakes with indicator light
- 2" SAE King pin
- Front and rear steel fenders with flaps
- Steel wheels w/11R22.5 tires
- 25,000 lb rated tandem axles

ENGINE:

- Detroit 60 Series 600BHP
- DDEC Engine controls
- 24 VDC alternator
- Shut down system for low oil pressure, water temperature and engine over speed
- 24 Volt electric start
- 185 USG fuel
- All necessary cooling, battery, air compressor, heavy duty filters



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HYDRATION TANK:

- Tank, 200 BBL nominal capacity
- Open top two compartment
- Level markers Walk ways and handrails
- Boost Centrifugal Pumps
- (2) 12 x 12 Gorman Rupp centrifugal pump hydraulic driven capable of 100 BBL/min

HYDRAULIC PUMP DRIVES:

- Durst Gear pump drive
- Sauer Sunstrand Pumps and motors
- Sauer Danfoss PVG32 proportional valves
- Continental Progressive cavity pumps
- Endress=Hauser mass flow measuring system
- Brookfield Viscometer
- Hydraulic cooling fans

MANIFOLD:

- Drivers side manifold (Suction)
- (2x) 10 inch Victolic Union, one on opposite ends of the manifold
- (12) 4 inch Fig 206 male unions with manual butterfly valves
- Passenger Side manifold (Discharge)
- (12) 4 inch Fig 206 female unions with manual butterfly valves
- Hydration Tank bypass
- Hydration tank recirculation line
- Valved external connections
- Hydration cut off valve

