



Description: Skid mounted, electric hydraulic power unit, for operation of close centered equipment such as drill pipe tongs or drill pipe roughnecks

Standard Specifications:

- Electrical components and wiring meet Class 1, Div. 1 (explosion proof)
- Starter box for electric motor, start and stop buttons, service disconnect, motor reset button, power on lamp, running lamp, less power cable
- Remote start/stop enclosure, start and stop buttons, running lamp, with 100' electrical cable wired to starter box
- Electric motor, dual rated for 40/33 HP, 460/380 VAC, 3 phase, 60/50 Hz, 1800/1500 RPM, with 120 VAC space heater
- Variable displacement, pressure compensated pump for closed center circuit, with horsepower limiter, to deliver:
 - 35 GPM up to 1300 PSI, limited to 16 GPM at 3000 PSI (60 Hz)
 - 29 GPM up to 1300 PSI, limited to 13 GPM at 3000 PSI (50 Hz)
- System relief valve with 3300 PSI setting
- 0 to 5000 PSI pressure gauge
- Pressure and return line bulkhead with quick disconnects
- Hydraulic reservoir with baffle, level gauge, oil temperature gauge, cleanout cover, suction strainer with isolation ball valve, return filter, return pressure gauge, temperature switch, low level switch, drain port with ball valve, filler breather
- Air over oil heat exchanger driven by electric motor
- Oilfield type base skid with drip pan, drain ports, fork lift pockets
- Lift cage with hose basket
- Dimensions: Length: 80", Width: 54", Height: 62", Weight: 3200 lbs (no fluid in tank)

Options:

- Water over oil heat exchanger
- Immersion heater in reservoir
- Power cable wired to starter box
- Dual motor power unit
- Class 1, Div. 2 or other electrical requirements
- Lift test and magnetic particle inspection

Electric Hydraulic Power Unit for Drill Pipe Tongs and Roughnecks