



Prime 174 HPU Diesel Hydraulic Power Unit

Offshore and Oilfield Ready

Features



Engine

- Isuzu , Deutz, or John Deere Engines
- EPA rated engine with rubber engine shock points
- LOFA or Murphy engine monitoring system
- Engine safety shutdown package
- Double fuel and hydraulic filtration
- Air inlet shutdown valve
- Electric start with battery & weather safe battery box



Hydraulics

- Multiple hydraulic circuits & upgraded control valves
- Low level hydraulic fluid shutdown
- High capacity hydraulic heat exchanger
- Hydraulic oil filter with spin on cartridge
- Oil spill and fuel containment
- 5000 PSI hydraulic gauges
- 5000 PSI Screw together 1" supply and return fittings
- Hydraulic oil level & temperature indicators



Safety

- Safety 4 point lift and center point eye pad
- Custom radiator grill guard and overhead grating
- System hydraulic relief valve
- Safety transport "O" ring binders
- Easy to read safety and operation labeling
- Flame arrestor exhaust with heat shield
- Meets BP and Shell Oil off shore safety standards



Other Features

- Variable hydraulic pressure and flow control
- Double coated marine epoxy finish
- Fully boxed frame tubing for added damage protection
- Top tank desiccant breather
- Removable tanks with oversized clean out ports
- Increased capacity hydraulic cooler options
- New 4" x 10" box tube skid rails & 10" forklift boots
- Low point drain plugs

Available Options

- Fully custom hydraulic circuits, pressures, and flow
- Air or electric start; mechanical or electric shutdown
- Optional offshore/oilfield certifications
- Integrated hydraulic hose reels
- Optional hydraulic pressure washers

Prime's Facts

Horsepower:

174 HP (129 kW)

Operating Pressure:

2500 to 4000 PSI (172-275 Bar)

Hydraulic Flow:

Up to 80 GPM (302 Liters)

Hydraulic Tank

130 Gal (492 Liters)

Diesel Tank:

130 Gal (492 Liters)

Weight:

7500 LBS (3401 kg)

Dimensions:

122"x56"x78" (309cm x 142cm x 198cm)

Hydraulic Oil:

32 or 46 AW, BIO, NS

Trailer or Skid Mounting Available

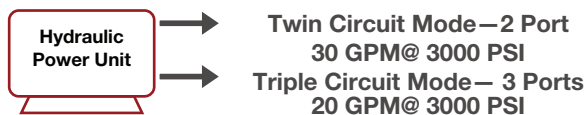
Prime Hydraulic Power Units

Hydraulic Output Options

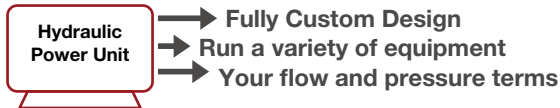
Any Single Circuit - 1 Output



Multiple Circuit - 1, 2, or 3 Outputs

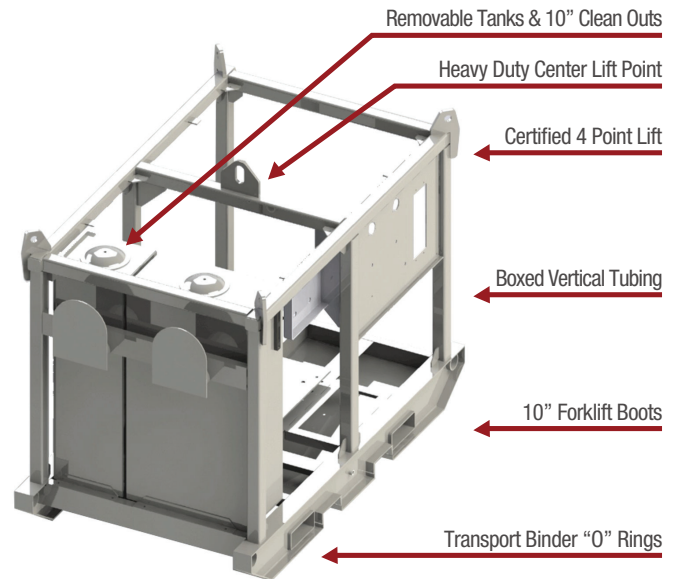


Multi-Circuit Custom Circuits (Diesel or Electric Available)



Keeping it Cool

Prime power units have oversized hydraulic cooling systems that help handle the heat generated by heavy operating conditions, constant running and high ambient temperatures.



Picking up or locking down, Prime's hydraulic power units have safety built in.

Our hydraulic power units are certified to meet the rigors of off shore and oilfield use.

The engineered lifting systems are constructed of fully boxed members, with a 4 point lift system and a 3/4" center eye pad lift point. Safety binder "O" rings make securing the power units for transportation quick and easy.

Prime Engine Selector

174 HP Deutz TCD914

- Turbocharged Diesel
- 6 Cylinder Liquid Cooled
- (174 HP / 129 KW) Output
- 6.5 (L) Displacement
- 2300 Max RPM
- EPA Tier III w/Flex Letter

203 HP Isuzu 4HK

- Turbocharged Diesel
- 4 Cylinder Liquid Cooled
- (203 HP / 151 KW) Output
- 5.2 (L) Displacement
- 2100 Max RPM
- EPA Tier IV interim

154 HP John Deere 4045H

- Turbocharged Diesel
- 4 Cylinder Liquid Cooled
- (154 HP / 116 KW) Output
- 4.5 (L) Displacement
- 2200 Max RPM
- EPA Tier IV interim

