DAE Pumps
DESIGNED AND ENGINEERED PUMPING SOLUTIONS

Prime 74 HPU

Diesel Hydraulic Power Unit

(Trailer Option Available)

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Prime 74 HPU Diesel Hydraulic Power Unit

Small Footprint

Fast Facts

Horsepower:	**74 HP (55 kW)**
Operating Pressure:	**2500 to 3300 PSI (172-227 Bar)**
Hydraulic Flow:	**Up to 40 GPM**
Hydraulic Tank	**80 Gallons**
Diesel Tank:	**70 Gallons**
Weight:	**3300 lbs**
Dimensions:	**4' x 5' x 6'**
Hydraulic Oil:	**32 or 46 AW, BIO, NS**

Advantages of the Prime LTL Skid HPU

Prime has introduced a new kind of diesel hydraulic skid system that will save fleet transportation costs over the full life cycle of the unit. These small but powerful HPU systems are ideal for rental fleet operators. The small footprint HPU can be easily moved with pallet jack inside LTL Freight Trailer. The 74HP Hatz engine is tier 4 compliant and does not require def fluid, no DPI filtration, and do not have regeneration.

Features

Engine
- Hatz 74HP Engines
- EPA rated engine with engine vibration isolators
- Engine monitoring packages
- No costly downtime due to DPF or Regen.
- Double fuel and hydraulic filtration
- Air inlet shutdown valve
- Electric start with battery & weather safe battery box

Hydraulics
- Single or multi circuit variable flow hydraulic controls
- Hydraulic tank low level shutdown
- 5000 PSI hydraulic gauges
- Dripless flush face hydraulic couplings
- Hydraulic oil level & temperature indicators
- AW-32 or AW-46 Hydraulic Oil

Safety
- Large forklift boots and center point eye pad lifting system
- Engine safety shutdown package
- Fiberglass protective grating
- Flow control valve w/ internal pressure relief cartridge.
- Easy to read safety and operation labeling
- Flame arrestor exhaust with heat shield and rain cap
- Sound & weather enclosure

Other Features
- Fully custom hydraulic circuits, pressures & flows
- Electric, air or hydraulic start
- Mechanical or Electric shutdowns
- Choice coatings with custom colors available
- Fully fly by wire digital controls available
- Load sensing and pressure compensating hydraulics
- 60 or 100GPM Hydraulic cooler options
- AW-32 or AW-46 Oil

74 HP HATZ 4H50

- **Turbocharged Diesel**
- **4 Cylinder Liquid Cooled**
- **(74HP / 55 KW) Output**
- **2.0 (L) Displacement**
- **2800 Max RPM**
- **EPA Tier 4F Compliant**

Trailer or Skid Mounting Available

Prime 74 HPU Diesel Hydraulic Power Unit

EPA Tier IV Compliant

Prime's Facts

Horsepower:	**74 HP (55 kW)**
Operating Pressure:	**2500 to 3300 PSI (172-227 Bar)**
Hydraulic Flow:	**4 to 35 GPM (15 to 132 LPM)**
Hydraulic Tank	**70 Gal (264 Liters)**
Diesel Tank:	**70 Gal (264 Liters)**
Weight:	**3800 LBS (1723kg)**
Dimensions:	**132"x76"x83"(335cm x 193cm x 210cm)**
Hydraulic Oil:	**32 or 46 AW, BIO, NS**

Features

Engine

- 2.0 L Hatz Diesel engine - Optional silent pack
- EPA TIER 4 FINAL 50 State Emissions Compliant
- LOFA or Murphy engine monitoring system
- Engine safety shutdown package
- Double fuel and hydraulic filtration
- Optional Air inlet shutdown valve
- Electric start with battery & weather safe battery box

Hydraulics

- Single or twin circuit variable flow hydraulic controls
- High capacity hydraulic cooling system
- Hydraulic oil filter with spin on cartridge
- Oil spill and fuel spill containment trailer
- 5000 PSI hydraulic gauges
- Screw together 1" supply and return fittings
- Hydraulic oil level & temperature indicators
- Low level hydraulic fluid shutdown

Safety

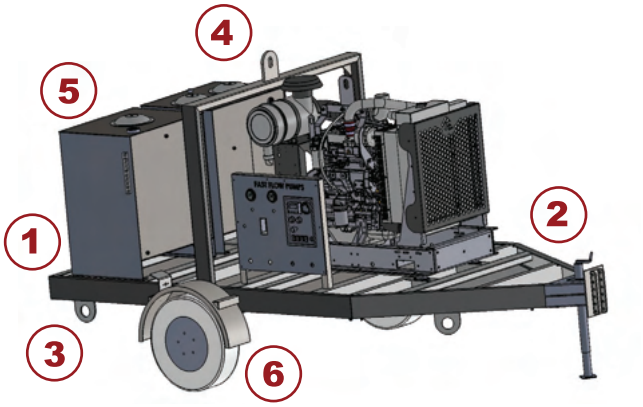
- Safety transport center point eye pad
- DOT approved trailer - fully wired for highway towing
- System hydraulic relief valve
- Front & rear safety transport binder rings
- Easy to read safety and operation labeling
- Flame arrestor exhaust with heat shield
- 10 Ply trailer tires

Other Features

- Powder coated frame & box tube lifting design
- Fully adjustable Pintle or Bulldog hitch & trailer jack
- Torsion flex removable trailer axles – no leaf springs
- Top tank desiccant breather
- 10" Oversized tank clean out ports
- Automatic hydraulic fluid temperature controller
- Removable fuel and hydraulic tanks
- Low point drain plugs

Available Options

- Fully custom hydraulic circuits, pressures, and flow
- Air or electric start; mechanical or electric shutdown
- Integrated hydraulic hose reels
- Optional hydraulic pressure washer



Prime Hydraulic Power Units

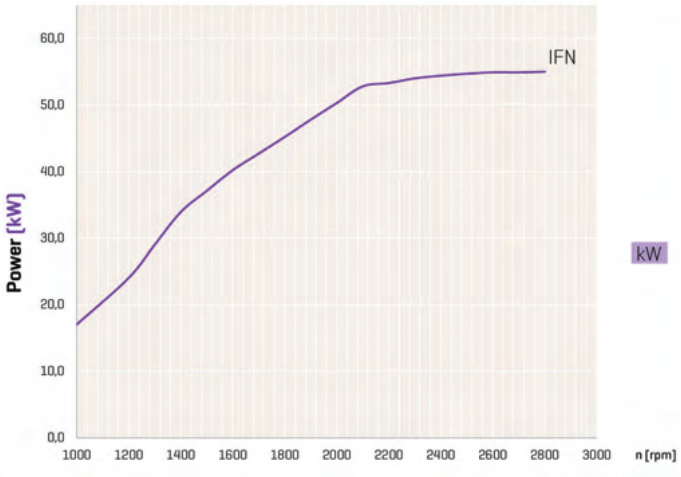
Prime Standard Features

1. Removable Tanks
2. Spill Containment
3. Transport Binder Rings
4. H.D. Center Lift Point
5. Tank Clean Outs
6. Trailer 10 Ply Tires

Specialty features are standard

With Prime's trailer-mounted hydraulic power units. Fluid spill containment, removable fuel and hydraulic tanks, oversized tank clean outs, and DOT certification for highway towing come standard. Choose from an adjustable height Bulldog or Pintle hitch. Prime trailer hydraulic power units are designed to be maintenance friendly, resulting in less costly servicing and improved life-span.

74 HP HATZ 4H50

- Naturally Aspirated Diesel
- 4 Cylinder Liquid Cooled
- (74HP / 55 KW) Output
- 2.0 (L) Displacement
- 2800 Max RPM
- EPA Tier 4F Compliant

Available Silent Pack!