DAE Pumps
DESIGNED AND ENGINEERED PUMPING SOLUTIONS

Prime 49 HPU

Diesel Hydraulic Power Unit

(Trailer Option Available)

DAEPUMPS.COM

info@daepumps.com

(760) 821-8112

Prime 49 HPU Diesel Hydraulic Power Unit

EPA Tier 4 & CARB Compliant

Prime's Facts

Horsepower:	**49 HP (37kw)**
Operating Pressure:	**2000 to 3300 PSI (172-227 Bar)**
Hydraulic Flow:	**4 to 23 GPM (15-87 LPM)**
Hydraulic Tank	**40 Gal (151 Liters)**
Diesel Tank:	**40 Gal (151 Liters)**
Weight:	**2200 lbs dry, 2800 lbs full**
Dimensions:	**48" x 48" x 70"**
Hydraulic Oil:	**32 or 46 AW, BIO, NS**

Features

Engine

- Hatz diesel engine with 5 Year / 5000 hr Warranty
- EPA rated engine with rubber engine shock points
- 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 3/4" or 1" supply and return fittings
- Hydraulic oil level & temperature indicators
- Low level hydraulic fluid shutdown

Safety

- Low Point drain plugs & tank isolation valves
- Custom Radiator grill guard
- Variable pressure hydraulic valve with relief
- Easy to read safety and operation labeling
- Flame arrestor exhaust with heat shield
- Emergency engine over speed shutdown
- Oil Spill containment

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
- 60 or 100 GPM hydraulic cooler options
- 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 washers

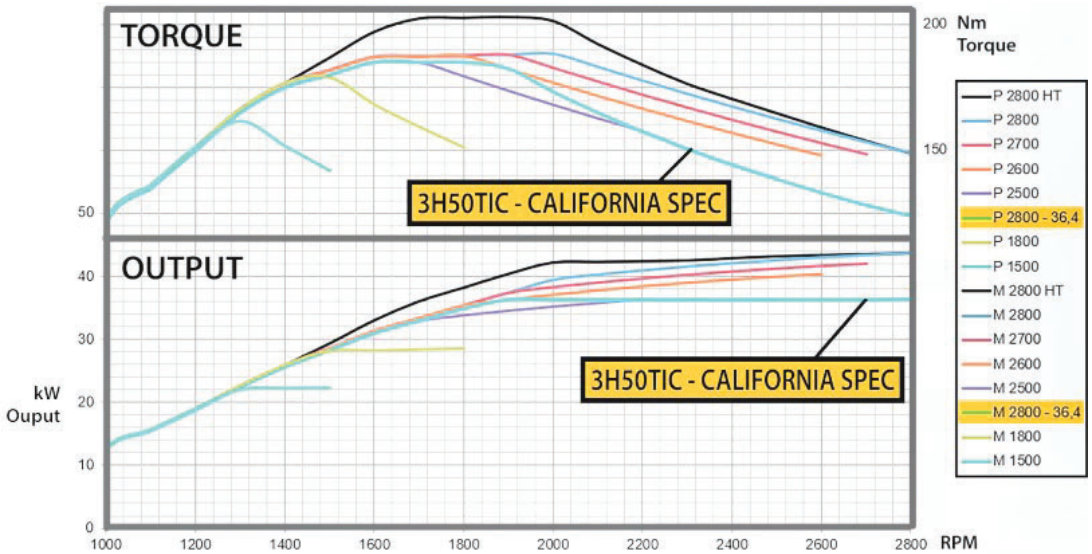
Trailer or Skid Mounting Available

Prime
Hydraulic Power Units

The 49HP Diesel Hydraulic Power Unit delivers the maximum horsepower for engines meeting sub-50HP CARB requirements. There is no diesel particulate filter (DPF), eliminating tremendous maintenance headaches and downtime. Despite its small size, It is powerful enough to power 3" DAE pumps to full capacity and 4" DAE pumps to 1150 GPM and 115' of vertical head.

49HP Hatz 3H50

- **Naturally Aspirated Diesel**
- **4 Cylinder Liquid Cooled**
- **(49HP / 37 KW) Output**
- **1.46(L) Displacement**
- **2800 Max RPM**
- **EPA Tier 4 Compliant**



Prime 49 HPU Diesel Hydraulic Power Unit

EPA Tier IV Compliant

Prime's Facts

Horsepower:	**49 HP (37kw)**
Operating Pressure:	**2500 to 3500 PSI (172-241 Bar)**
Hydraulic Flow:	**4 to 21 GPM (15-79 LPM)**
Hydraulic Tank	**80 Gal (302 Liters)**
Diesel Tank:	**56 Gal (211 Liters)**
Weight:	**3500 LBS (1587 kg)**
Dimensions:	**132"x70"x74" (335cm x 177cm x 187cm)**
Hydraulic Oil:	**32 or 46 AW, BIO, NS**

Features

Engine

- Hatz diesel engine with 5 Year / 5000 hr Warranty
- EPA rated engine with rubber engine shock points
- 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 circuit variable flow hydraulic controls
- Low level hydraulic fluid shutdown
- 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 3/4" or 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 operation labeling
- Flame arrestor exhaust with heat shield
- 10 Ply trailer tires

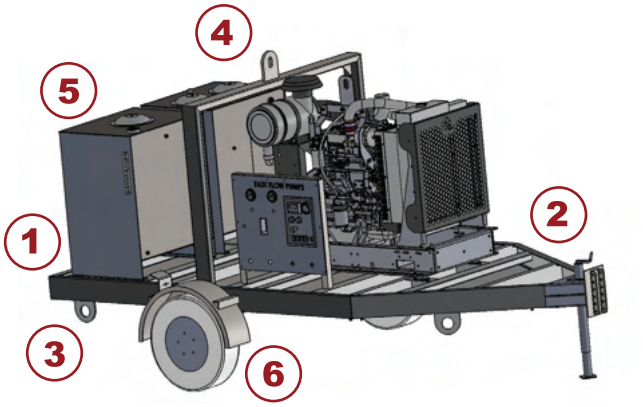
Other Features

- 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
- 60 or 100 GPM hydraulic cooler options
- 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

Trailer or Skid Mounting Available



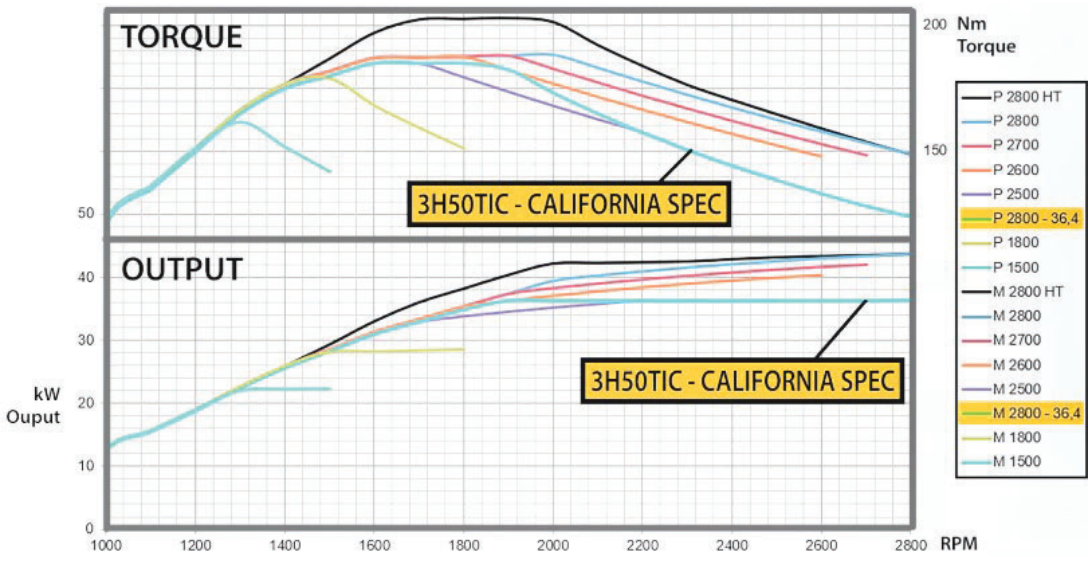
Prime Hydraulic Power Units

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.

49HP Hatz 3H50

- Naturally Aspirated Diesel
- 4 Cylinder Liquid Cooled
- (49HP / 37 KW) Output
- 1.46(L) Displacement
- 2800 Max RPM
- EPA Tier 4 Compliant