



Updated 7/30/2024

## TECHNICAL SPECIFICATION MODEL TERRAMAX® HPUD 74 HP 50 GPM

The Model TERRAMAX® Diesel HPU 74-50 (Hydraulic Power Supply) powers the TERRAMAX® PFM (Pipe Facing Machine), with a fixed-gear pump that supplies 50 gpm of hydraulic flow at a maximum 2200 psi. A 2200 psi adjustable pressure relief valve protects the hydraulic circuit from overloading. Fifty-foot-long pressure and return hoses come with the unit. For portability, the power supply is integrated into a skid type frame with tie down and lifting points.

When connected to the TERRAMAX® PFM, the PFM will command the HPU from idle and working rpms. After a preset timeout period, the PFM will command the HPU to return to idle, greatly reducing fuel consumption.

### Features

- 74 HP C3.4B Caterpillar Tier 4 Diesel Engine.
- 50 gpm (189 lpm) gear pump.
- 13 gallon (49 liters) Cyclone hydraulic reservoir.
- 30 gallon (113.5 liter) diesel fuel tank.

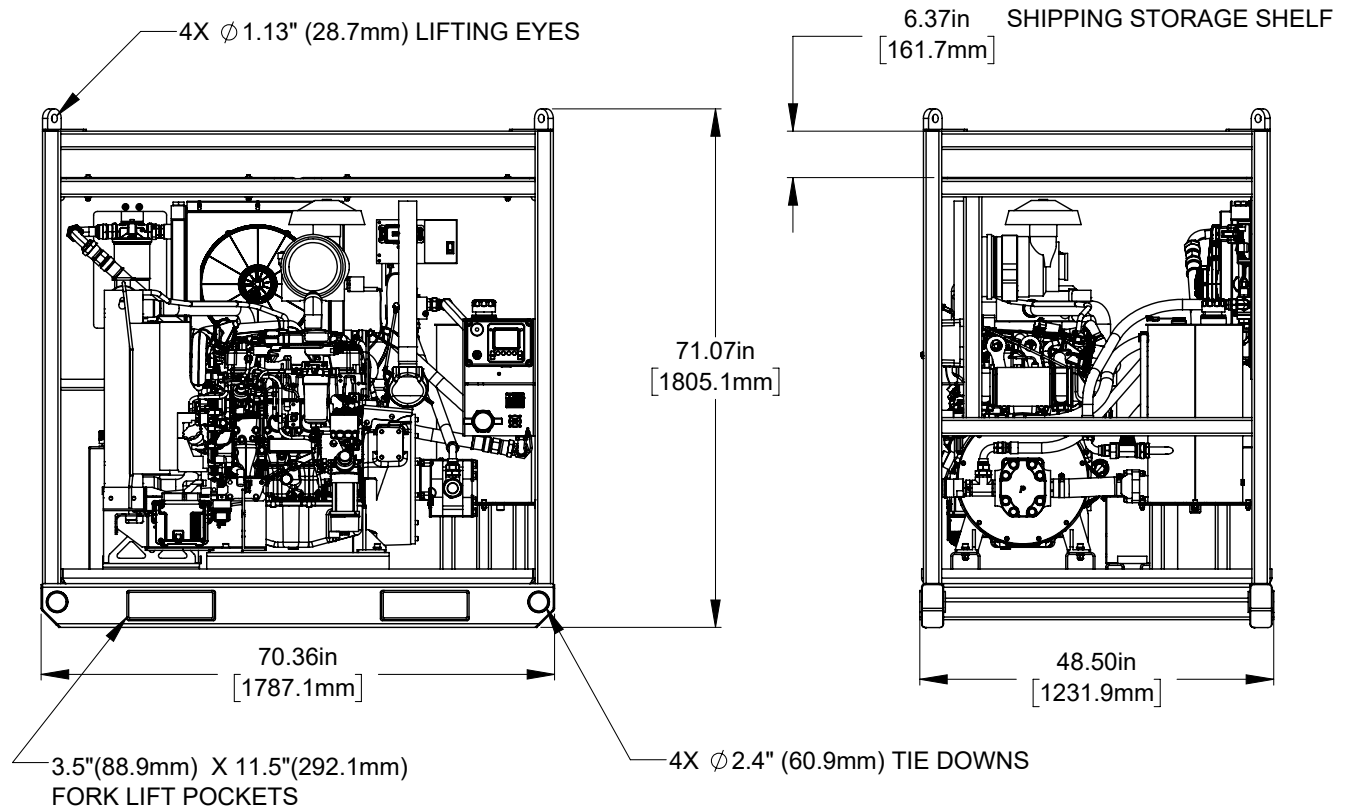
#### **Use Ultra Low Sulfur Diesel Fuel Only.**

Approximately 12 hours of operation when used with the TERRAMAX® PFM

- Thermostatically controlled heat exchanger.
- Integrated skid with tie down, 4 point lifting eye pads and fork channels.
- Dripless quick disconnect hoses.
- Hydraulic hose storage shelf.
- Pressure relief 2200 psi.
- Integrated oil drip containment pan.
- Electric umbilical required to connect to PFM (P/N 79-0503) (sold separately).
- Optional HPU control pendant for running alternative equipment (P/N 79-0579).

## Specifications

Reference Envelope Drawing No. 77-1847



Hydraulic Fluid

Filtration

Hose Size

Weight (Dry)

Weight with hydraulic fluid and diesel

Dimensions

ATF Type F

7 Micron return filter

1 1/4" Pressure & Return

2985 lbs (1353 kg)

3340 lbs (1515 kg)

See envelope drawing above

### **Note To The Customer**

Spare Parts and Standard Tool Bits are available from stock. Engineering design services for custom tool bits and special function modifications are available from the factory.

All Tri Tool Technologies and allied equipment products are subject to design improvements and specification changes at any time with no obligation to units already sold.

Warranty (limited): Parts and equipment are warranted against defects in material and workmanship for a period of one (1) year from date of purchase. Full details supplied on request and/or with the tools.



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