

Smooth, Powerful, Portable
Hydraulic Power Supply

PART NUMBER

14-000-37

DESCRIPTION

E.H. Wachs HCM-D25 diesel powered HPU (Hydraulic Power Unit) sets the standard in portable power units. Featuring a Kubota® heavy duty 24.8 horsepower tier 4 compliant industrial diesel engine, Wachs HCM-D25 is built for long life, and is designed to deliver greater flow and pressure in an easily transportable compact cart mount.

Replacing our HCM-D23, the HCM-D25 builds on the success of the previous unit, with robust heavy gauge steel powder coated frame, large tires for ease of handling, and liquid cooling for long engine life. Sturdy handles allow it to be easily positioned, then folded away for storage or operation. All operator controls and connections are centralized for maximum user convenience, including fuel and hydraulic oil fills.

DIESEL POWERED

The Kubota liquid-cooled diesel engine sets the standard for power and engineering excellence. It features three cylinders with an advanced injection system that uses fuel more efficiently while delivering significantly reduced emissions.

The large 5 gallon (19 liter) capacity fuel tank allows hours of running. Liquid cooling allows the unit to safely operate in harsh environments. The HCM-D25 includes 12 volt electric start with a heavy duty 40 amp alternator, fuel, flow and pressure gauges plus the added security of low engine oil and high coolant temp automatic shutdown.

HPU LINE-UP

For its size, no other HPU offers greater flow or pressure. Rated at 0-15 GPM @ 1800 PSI (0-56.781 l/min @ 124.1 BAR) it boasts pressure and flow normally reserved for large, stationary power units. The HCM-D25 has sufficient power and flow to power most E. H. Wachs equipment, as well as competitive machines.

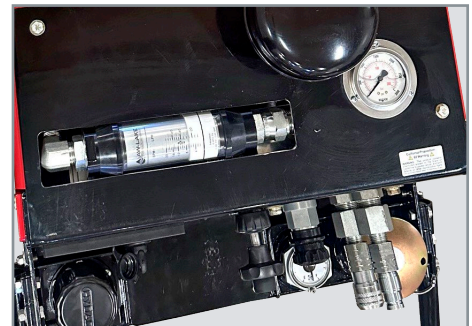
Hydraulic is a clean, sealed power supply that delivers a smooth, flat torque curve. It's the best choice for hostile or difficult environments including salt spray, sand, and partial or full immersion in water or mud. E.H. Wachs offers a complete line of gasoline, diesel and electric driven skid and cart mounted hydraulic power units.



All controls, gauges and fills centralized for ease of use



Heavy duty liquid cooled Kubota diesel delivers hours of run time



Pressure gauge and flow meter are easily viewed from the operator's position



Heavy gauge, powder coated all steel cart construction for long life



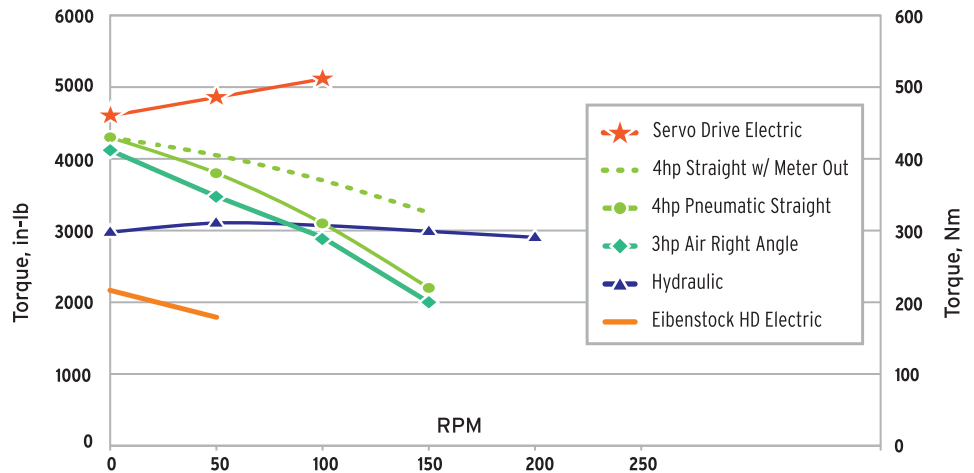
STANDARD FEATURES

- Industrial liquid cooled diesel engine
- High output hydraulic pump
- Dual color, durable powder coated finish
- Large rubber tires resist flat spotting
- HTMA flat faced couplers included
- Large capacity hydraulic oil cooler to extend unit life
- Large capacity radiator for long run times
- Hydraulic oil and diesel fuel level gauges
- Tachometer and digital hour meter
- LED warning light panel
- Low engine oil pressure & high temp auto shutdown
- Spin on oil filter and coolant overflow bottle
- Heavy duty 40 amp alternator
- Collapsible handles for easy storage
- 12 volt electric start with lock
- Replaceable 10 micron hydraulic oil filter
- Heavy duty single point lift ring
- Powder coated all steel cart construction

SPECIFICATIONS:

Part Number: 14-000-37 (Replaces 14-000-33) **Flow:** 0-17 GPM @ 1800 PSI (0-64.4 l/min @ 124.1 bar)
Length: 42in (106.7cm)
Height: 39in (99cm)
Width: 29in (73.7cm)
Dry Weight: 620lbs (281kg)
Filtration: 10 Micron Return Line Canister
Oil Cooler: Air to Oil
Engine: Kubota 24.8 HP Tier 4 Compliant Diesel
Fuel: 5 Gallons (19 Liters)
Hydraulic Oil: 4 Gallons (15.1 Liters)
Hydraulic Pressure Relief: 1800 PSI (124.1 bar)

Drive Motor Torque Comparison Electric, Pneumatic, & Hydraulic Drive



Although initially providing more torque at slow speeds pneumatic drive shows a reduction in torque with an increase in speed. Hydraulic and electric power is the most uniform across a given speed range.

