

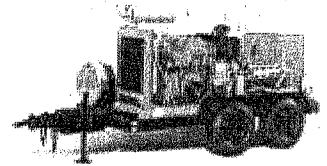
40215D – NLB 225 Series High Pressure Water Blasting System

Rated for 6 gpm (23 lpm) at 40,000 psi (2,800 bar), featuring the innovative NLB series 225 pump with 21/32" (16.8 mm) diameter plungers.

The NLB 225 Series water jetting units have been designed to tackle the toughest water jetting applications. Their quick-change, in-line fluid end design has fewer parts for increased operating efficiency and simpler maintenance. They require only simple conversion kits (sold separately) to operate at pressures from 8,000 to 40,000 psi (552 to 2800 bar). The units are built around a slow running triplex plunger pump to minimize wear and maintenance, saving money on parts and increasing uptime.

Features Include:

- The durable and easy to service fluid end accepts conversion kits (sold separately) that allow the pump to operate at pressures between 8,000 psi and 40,000 psi (552 to 2,800 bar).
- All operating controls, including the pressure compensating by-pass valve, pressure gauge with snubber, and rupture disc assembly are mounted on an accessory manifold to provide additional protection for these components.
- Water pressure actuated throttle automatically returns the engine to idle when the operator disengages the cleaning tool, saving fuel and minimizing wear.
- A pressure switch on the suction piping shuts down the pump if the inlet pressure drops below a factory pre-set level.
- 100 gallon stainless steel water tank with heavy duty boost pump.
- Inlet water is piped through a high flow filter assembly.
- Heavy-duty 12 volt system with battery enclosed in a weather tight box.
- 100-gallon (378.5 L) aluminum fuel tank with theft resistant fill port.
- The unit is primed and painted with industrial grade enamel.
- One service manual (consists of one hard and one electronic copy) covering safety and operating procedures, maintenance techniques and a troubleshooting guide.
- All equipment thoroughly tested at NLB factory prior to shipping.



y four wheel trailer with 16" tires. The unit comes standard with four kage protected in conduit and a heavy duty tongue jack. The fenders are center and rear. Heavy-duty axles include zerk fittings to grease the

Diff Trailer

225H – Triplex Plunger Pump

The NLB 225H pump is an advanced design triplex pump that can adapt to a wide range of pumping services. The unit features a simple, rugged design to meet the heavy-duty requirements of continuous operation and to minimize maintenance.

- Horizontal configuration provides easy access and low center of gravity.
- Forged steel crankshaft mounted in tapered roller bearings. Symmetrical design permits easy conversion to opposite-hand drive.
- Rugged, cast-iron housing with gravity lubrication and large oil reservoir.

225 V-BELT – Drive System

V-belt drive arrangement completely shrouded with belt guard.

CUMMINS QSB6.7-173 TIER 3 – Diesel Engine

The 6.7 liter QSB engines combine the proven Quantum System, full-authority electronic controls with the reliable performance you've come to expect from Cummins B Series engines.

- The QSB's improved performance is gained through its use of superior diesel engine technology.
- Greater reliability with fewer parts means lower maintenance costs.
- The parent bore cylinder block is designed for reduced noise and increased durability. Integrated design features eliminate potential leak points.
- Meets California Air Resource Board requirements.

PINTLE – HITCH

3" pintle hitch supplied in lieu of ball hitch.

WL – Water Lubrication

Water lubrication system offers superior plunger and packing life. The water is piped through the stuffing boxes and is deposited directly on the plungers. A closed system prevents dirt and other contaminants from entering the rod box.

225 AIR COMP – Air Compressor, Reciprocating

On board 52 cfm air compressor for operation of air powered accessories.

BV36-115. – VALVE, BY-PASS, ASSEMBLY, 40K

The NLB BV36-115 by-pass valve let you adjust the pressure on your pump unit with a simple turn of the handle. They are field repairable and are hydraulically cushioned for smooth pressure adjustment and pressure compensation. The housing and all major components are precision machined of rugged stainless steel.

- Rated for 40,000 psi (2,800 bar) at 15 gpm (57 lpm)
- Mounted on the accessory manifold for improved operating life
- Integrated handle makes setting pressure fast and easy


CUMMINS TARIFF – Surcharge

Item 3 – MANUAL-225-OMM

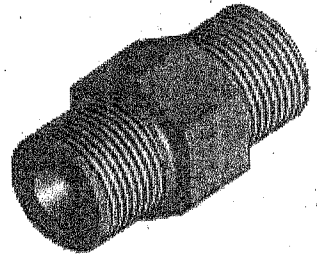
MANUAL-225-OMM – MANUAL, 225 SERIES, OPERATION AND MAINTENANCE

This comprehensive manual provides operators with important information on how to safely and efficiently operate and maintain your new NLB high pressure water jetting equipment.

Item 4 – NP40-5/16-50F

NP40-5/16-50F – HOSE, 5/16"X 50',40K, 1-1/8"-12 FEMALE

CM3679 – COUPLING, HOSE TO HOSE, 5/16" SWIVEL



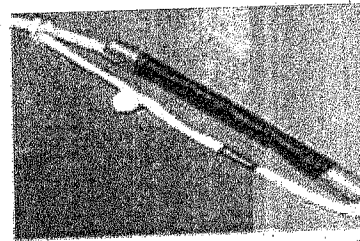
PM50184 – WHIPCHECK, SAFETY STRAP, SURE CINCH

Specifically designed for waterblasting applications, NLB's new SureWhip® (PM50184) whip check brings strength and durability to a new level. With a tensile strength of 17,500 psi, the SureWhip has been proven to withstand 8,824 lbs. of force. Unlike metal whip checks that break with high force, the SureWhip absorbs it.

Innovatively designed in two pieces, the SureWhip makes whip check removal easier and more efficient. Now it's only necessary to remove half of the whip check to install a SureShroud® hose shroud.

Features Include:

- Triple the strength of a standard nylon whip check
- Two-piece design for easy removal
- Easier Sure Shroud® installation
- UV resistant coating
- Resistance to many chemicals
- Great for cold weather applications
- High tensile strength of 17,500 psi

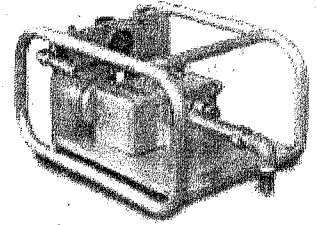


NLB8488 – VALVE, ASSEMBLY, BI-MODE, 40K CARTRIDGE

The NLB8488 Bi-Mode" valve features disposable cartridges to make rebuilds fast and easy. It contains an air filter, regulator and lubricator, along with the high-pressure valve to start and stop the flow of water to the NCG8400A-3 hand lance.

Features Include:

- Field repairable via a simple cartridge.
- Allows the user to switch from single to dual lance operation with a simple nozzle change.
- Valve contains air filter, regulator and lubricator for lance air motor lubrication.
- Rounded frame provides ease of movement.



BM24521 – VALVE, CARTRIDGE, NLB8488, ASSEMBLY

MANUAL-2 – MANUAL, OPER. & MAIN. – ACCESS

Operation and Maintenance Manual for NLB accessories

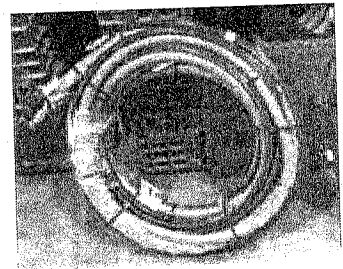
SW-40K-35-6 - WHIPHOSE ASSY, 40K, NCG8450B, 6' SHROUD

The SW-40K-35-6 whip hose from NLB helps protect hand lance operators from potentially dangerous hose failures. Each whip hose assembly consists of a 35' length of UHP hose and the air lines required to operate on of NLB's UHP accessories. The first 6' of the whip hose is covered by NLB's SURE SHROUD, designed to diffuse and capture energy released by a hose failure.

Attachment to your hand lance may require additional fittings. Please consult NLB about your specific application.

Features Include:

- Ballistic grade sheathing material.
- Color coded outer sheathing for easy pressure rating identification
- Greater flexibility reduces operator fatigue and improves productivity



NCG8450B-L - LANCE, 40K, ROTATING, LONG

NLB's NCG8450B-L ultra-high pressure rotating lance features an extended barrel for longer reach. The lance features an air-driven rotary swivel which drives the multiple orifice nozzle assembly. This nozzle configuration, similar to NLB's patented SPIN-NOZZLE®, produces a powerful ultra-high pressure jetting spray in a wide pattern. Each NCG8450B-L lance requires an NLB8488 Bi-Mode™ valve for operation.

Compatible with NLB's new Sure Shroud

Features Include:

- An extended barrel provides an overall length of 52 1/2".
- Variable speed rotation up to 3,000 rpm.
- Dual triggers must both be activated for lance operation.
- Instant dump to low pressure upon trigger release.
- Lightweight, ergonomic design.
- Field repairable.



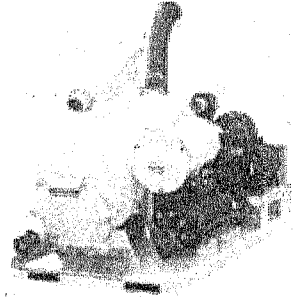
VPU-1000 - VACUUM, ASS'Y, SELF CONTAINED, 1000 CFM,

NLB's vacuum system is designed to provide a small, lightweight vacuum source for use with our HydroPrep line of water jet surface preparation tools. The system's small footprint and lightweight design allows it to be mounted in the bed of a one-ton truck, effectively turning any pickup truck into a vac truck.

The vac system is driven by a diesel engine and provides 1,000 CFM @ 6" to 8" of mercury. A 220-gallon tank collects all waste and debris. A side-mounted port allows for the water to be drawn off with the included solid handling pump. The standard mounting package includes a skid with forklift slots.

Features Include:

- Provides 1000 CFM @ 6" to 8" of vacuum.
- 220 gallon angled debris tank with a six lug zero leak hatch.
- Diesel engine with 20 gallon fuel tank.
- Remote filter housing allows easy access to the one piece 10 micron washable filter element.
- 2-part epoxy paint system on both the tank and skid.
- Integrated blower silencing system for quiet operation.
- Fits into a 4' X 8' space and weighs only 2000 pounds.



314060-5
Light Weight Vacuum
211 Hours
2013 Unit

