

# NLB 225 Series

## High-Pressure Water Jetting Systems



**20-Minute  
Conversion Kit**



U.S. Patent Pending  
Unit shown with optional water tank.

NLB's newest line of water jetting units are built around the innovative model 225 convertible pump. This pump, with its quick-change, in-line fluid end design, has fewer parts for increased operating efficiency and simpler maintenance. And, it requires only a simple conversion kit to operate at pressures between 8,000 and 24,000 psi (552 and 1700 bar).

The NLB 225 Series units are built using the same rugged, reliable designs that have been field proven for over 30 years. The trailer mounted unit comes standard with features like four wheel electronic brakes, full D.O.T. lighting package, and heavy-duty axles. All operating controls, including the pressure compensating by-pass valve and pressure gauge with snubber, are mounted on a separate accessory manifold, which provides additional protection for these important components.



**NLB's Quick Change Fluid Ends.**  
*Simple, Fast, Easy and Dependable*

- A single manifold and discharge piping assembly is used for all operating pressures.
- The swing-out manifold makes pressure conversions and maintenance fast and easy.
- NLB Conversion Kits have only 6 basic assemblies.
- Packing changes can be completed in under 5 minutes.

**NLB Corp.**

***The Leader in High-Pressure Water Jet Technology***

# 225 Series Water Blaster



## Industrial Engine:

Pumping system includes a continuous duty six cylinder diesel engine rated for:

- Model 305 - 300 hp (224 kw)
- Model 275 - 275 hp (205 kw)
- Model 235 - 230 hp (172 kw)
- Model 215 - 200 hp (149 kw)

## Available Pump Configurations:

### Unit Features Include:

- Slow running plunger pump built from high-grade stainless steel and provides unprecedented reliability.
- Pump can be configured for pressures from 8,000 to 24,000 psi in under 20 minutes.
- A single accessory manifold for 8K to 24K operation with pressure gauge, rupture disc and by-pass valve.
- Water pressure actuated throttle control monitors operator demand and adjusts output.
- Lightweight and trailer mounted for ease of mobility.

### Trailer Mounting:

- Heavy-duty tandem axle design
- 16.5" wheels (41.25 cm)
- D.O.T. lighting package
- Heavy-duty fenders
- Electric brakes
- Industrial grade enamel paint
- Size: 90" wide x 185" long x 81" high approx. (2.3 m wide x 4.7 m long x 2.0 m high)
- Weight: 9,000 lbs. (4086 kg) approx.

### Engine Driven Pumping Assembly:

- Slow running NLB Model 225 reciprocating pump
- Heavy-duty V-belt drive with guard
- 100 gallon (379 l) aluminum fuel tank
- 12 volt electric start
- Inlet water filter
- 30,000 lb. oil-filled pressure gauge with snubber
- Accessory manifold with by-pass valve
- Water pressure actuated throttle control

**All Units Are Factory Tested Before Shipment**

*Specifications subject to change without notice*

### Model 305 (300 HP)

Model	GPM	LPM	PSI	BAR
8305D	50	190	8,000	552
10305D	44	167	10,000	700
12305D	36	136	12,000	828
15305D	29	110	15,000	1,035
20305D	23	87	20,000	1,400
24305D	18	68	24,000	1,680

### Model 275 (275 HP)

8275D	44	167	8,000	552
10275D	38	142	10,000	700
12275D	32	120	12,000	828
15275D	25	94	15,000	1,035
20275D	20	75	20,000	1,400
24275D	16	60	24,000	1,680

### Model 235 (230 HP)

8235D	38	144	8,000	552
10235D	34	128	10,000	700
12235D	29	109	12,000	828
15235D	21	79	15,000	1,035
20235D	17	64	20,000	1,400
24235D	13	49	24,000	1,680

### Model 215 (200 HP)

8215D	29	110	8,000	552
10215D	25	94	10,000	700
12215D	19	71	12,000	828
15215D	16	60	15,000	1,035
20215D	13	49	20,000	1,400
24215D	10	38	24,000	1,680

The NLB 225 Series pumps can be quickly converted to operate at any of the above pressures/flows with a simple plunger or conversion kit.



The conversion kits for NLB's convertible pumps have fewer parts for ease of installation and simpler maintenance.



**The Leader in High-Pressure Water Jet Technology**

Headquarters  
29830 Beck Road  
Wixom, MI 48393-2824  
(248) 624-5555  
FAX: (248) 624-0908  
<http://www.nlbcorp.com>

Regional Offices

- 159 Harmony Road, Mickleton, NJ 08056 (856) 423-2211 FAX: (856) 423-0997
- 201 S. 16th, La Porte, TX 77571 (281) 471-7761 FAX: (281) 471-8738

- 14302 Hwy 44 North, Gonzales, LA 70737 (225) 622-1666 FAX: (225) 622-7366
- 1323 E. Hill St., Signal Hill, CA 90755 (562) 490-3277