

NLB 225 Series High-Pressure Water Jetting Systems



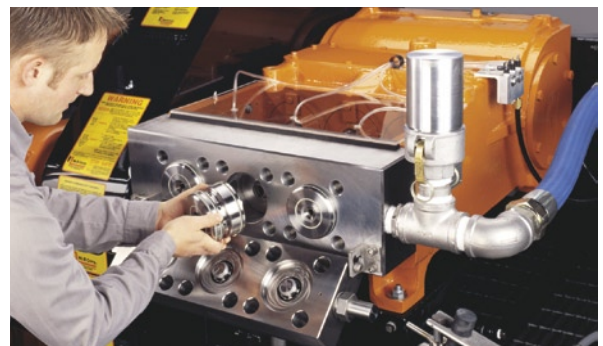
**20-Minute
Conversion Kit**



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 10,000 and 24,000 psi (700 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.



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 10,000 to 24,000 psi in under 20 minutes.
- A single accessory manifold for 10K 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
- Three plunger mechanical lubrication
- 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
- All necessary plumbing and operating controls
- Water pressure actuated throttle control

Model 305 (300 HP)

Model 275 (275 HP)


Model 235 (230 HP)

Model 215 (200 HP)

Model	GPM	LPM	PSI	BAR		
10305D	44	167	10,000	700	Plunger Kit	Conversion Kit
12305D	36	136	12,000	828		
15305D	29	110	15,000	1,035	Plunger Kit	Conversion Kit
20305D	23	87	20,000	1,400		
24305D	18	68	24,000	1,680	Plunger Kit	Conversion Kit
10275D	38	142	10,000	700		
12275D	32	120	12,000	828	Plunger Kit	Conversion Kit
15275D	25	94	15,000	1,035		
20275D	20	75	20,000	1,400	Plunger Kit	Conversion Kit
24275D	16	60	24,000	1,680		
10235D	34	128	10,000	700	Plunger Kit	Conversion Kit
12235D	29	109	12,000	828		
15235D	21	79	15,000	1,035	Plunger Kit	Conversion Kit
20235D	17	64	20,000	1,400		
24235D	13	49	24,000	1,680	Plunger Kit	Conversion Kit
10215D	25	94	10,000	700		
12215D	19	71	12,000	828	Plunger Kit	Conversion Kit
15215D	16	60	15,000	1,035		
20215D	13	49	20,000	1,400	Plunger Kit	Conversion Kit
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.

Specifications subject to change without notice



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

All Units Are Factory Tested Before Shipment



The Leader in High-Pressure Water Jet Technology

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