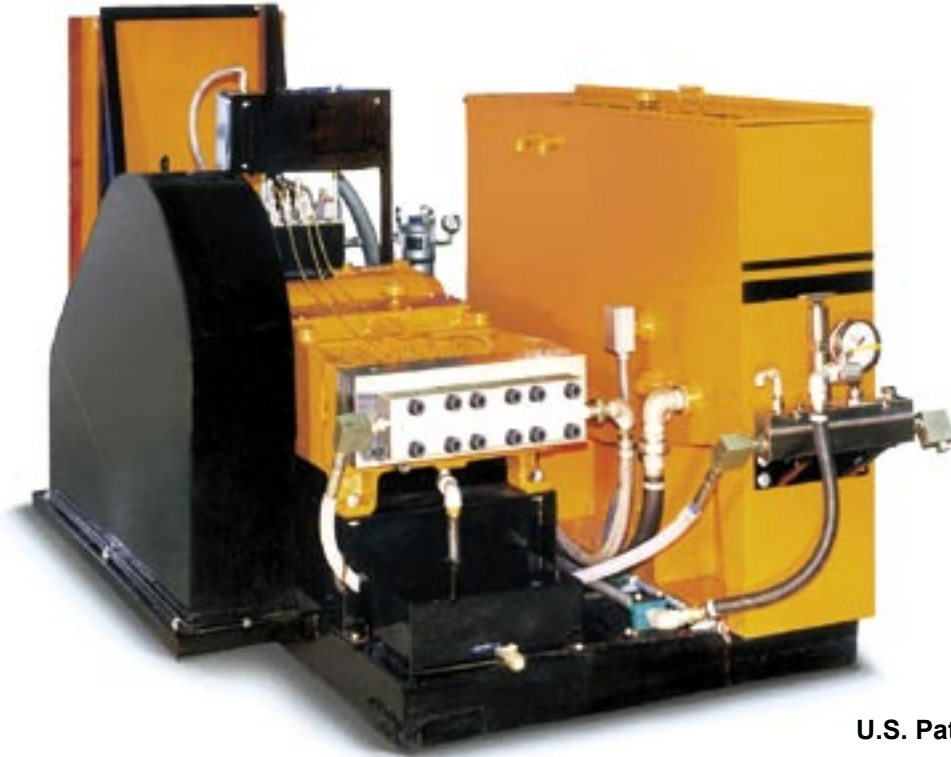


# NLB 225 Series Electric High-Pressure Water Jetting Systems



U.S. Patent Pending

NLB's newest line of waterjetting 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 psi (552 bar) and 24,000 psi (1,680 bar) .

The NLB 225 Series units are built using the same rugged, reliable designs that have been field proven for over 30 years. The skid mounted unit comes standard with features like low water pressure shut-down and a high quality electric motor starter. 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 Motor Drive:

Pumping system includes a TEFC electric motor and a combination non-reversing magnetic starter with fuse protection and stop/start push buttons. The system is completely pre-wired for 460 volt service and comes complete with a safety disconnect.

- Model 225 - 250 hp (186 kw)
- Model 205 - 200 hp (149 kw)
- Model 155 - 150 hp (112 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.
- A water boost pump ensures that the unit constantly receives inlet water at the required supply pressure.

## Skid Mounting:

- Size: 5' 4" wide x 7' 4" high x 12' long (1.63 m wide x 2.24 m high x 3.66 m long)
- Weight 7,600 lbs. (3,448 kg)
- Industrial grade enamel paint

## Motor Driven Pumping Assembly:

- Slow running NLB Model 225 reciprocating pump
- Three plunger mechanical lubrication
- 125 gallon (473 l ) polypropylene water tank
- Heavy-duty V-belt drive with guard
- Inlet water filter
- 30,000 lb. oil-filled pressure gauge with snubber
- Accessory manifold with relief valve
- All necessary plumbing and operating controls

*Specifications subject to change without notice*

All Units Are Factory Tested Before Shipment

### Model 225 (250 HP)

Model	GPM	LPM	PSI	BAR	
8225E	44	167	8,000	552	Conversion Kit Plunger Kit
10225E	38	142	10,000	700	
12225E	32	120	12,000	828	
15225E	25	94	15,000	1,035	
20225E	19	75	20,000	1,400	
24225E	16	60	24,000	1,680	

### Model 205 (200 HP)

8205E	38	144	8,000	552	Conversion Kit Plunger Kit
10205E	34	128	10,000	700	
12205E	29	109	12,000	828	
15205E	21	79	15,000	1,035	
20205E	17	64	20,000	1,400	
24205E	13	49	24,000	1,680	

### Model 155 (150 HP)

8155E	29	110	8,000	552	Conversion Kit Plunger Kit
10155E	25	94	10,000	700	
12155E	19	71	12,000	828	
15155E	16	60	15,000	1,035	
20155E	13	49	20,000	1,400	
24155E	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.



NLB can custom configure pump units to meet your specific requirements. This model has the motor positioned over the pump for a smaller footprint.



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