

NLB 125 Series Electric High-Pressure Water Jetting Systems



U.S. Patent Pending

NLB's newest line of water jetting units are built around the innovative model 125 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 6,000 and 40,000 psi (414 and 2,800 bar).

The NLB 125 Series units are built using the same rugged, reliable designs that have been field proven for over 40 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

- The quick conversion fluid end allows the pump to operate at pressures between 6,000 psi (414 bar) and 40,000 psi (2,800 bar) and makes maintenance fast and easy.
- All operating controls, including the pressure compensating by-pass valve, pressure gauge with snubber, and rupture disc assembly are mounted on an separate accessory manifold.



The Leader in High-Pressure Water Jet Technology

125 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 125 - 120 hp (85 kw)
- Model 105 - 100 hp (71 kw)
- Model 75 - 70 hp (52 kw)

Available Pump Configurations:

Model	GPM	LPM	PSI	BAR	
40125E	4.8	18.3	40,000	2,800	Conversion Kit Plunger Kit
35125E	5.5	21	35,000	2,415	
24125E	8	30	24,000	1,656	
20125E	10	38	20,000	1,400	
15125E	13	49	15,000	1,035	
10125E	19.5	74	10,000	690	Conversion Kit Plunger Kit
8125E	24.5	93	8,000	552	
6125E	32.5	123	6,000	414	
40105E	4.4	16.5	40,000	2,800	Conversion Kit Plunger Kit
35105E	5	18.9	35,000	2,415	
24105E	7.5	28	24,000	1,656	
20105E	9	34	20,000	1,400	
15105E	12	45	15,000	1,035	
10105E	17.5	66	10,000	690	Conversion Kit Plunger Kit
8105E	22	83	8,000	552	
6105E	29	110	6,000	414	
4075E	3	11.3	40,000	2,800	Conversion Kit Plunger Kit
3575E	3.4	12.9	35,000	2,415	
2475E	5.5	21	24,000	1,656	
2075E	6.5	24	20,000	1,400	
1575E	9	34	15,000	1,035	
1075E	12	45	10,000	690	
875E	16	60	8,000	552	
675E	20	76	6,000	414	

Model 125
(120 HP)

Model 105
(100 HP)

Model 75
(70 HP)

Unit Features include:

- ❑ Slow running plunger pump built from high-grade stainless steel and provides unprecedented reliability.
- ❑ Pump can be configured for pressures from 6,000 to 40,000 psi in under 20 minutes.
- ❑ A single accessory manifold for 6K 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: 60" wide x 110" high x 76" long
(1.52 m wide x 2.80 m high x 1.93 m long)
 - ❑ Weight 4,500 lbs. (2,040 kg)
- Contact factory for certified dimensions and weights.**
- ❑ Industrial grade enamel paint

Motor Driven Pumping Assembly:

- ❑ Slow running NLB Model 125 reciprocating pump
- ❑ Three plunger mechanical lubrication
- ❑ 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

The NLB 125 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.



The Leader in High-Pressure Water Jet Technology

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