

# NLB 125 Series High-Pressure Water Jetting Systems



**20-Minute  
Conversion Kit**



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 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*

- The quick conversion fluid end allows the pump to operate at pressures between 8,000 psi (552 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 Engine:

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

- Model 125 - 125 hp (93 kw)
- Model 145 - 145 hp (108 kw)

## 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.
- A separate accessory manifold 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
- 14" wheels (355 mm)
- D.O.T. lighting package
- Heavy-duty fenders
- Electric brakes
- Industrial grade enamel paint
- Size: 80" wide x 164" long x 90" high approx. (2 m wide x 4.2 m long x 2.3 m high)

## Engine Driven Pumping Assembly:

- Slow running NLB Model 125 reciprocating pump
- Standard three plunger water lubrication
- Heavy-duty V-belt drive with guard
- 80 gallon (302 l) 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


## Available Pump Configurations:

Model	GPM	LPM	PSI	BAR	
40145D	4.8	18.3	40,000	2,800	Conversion Kit
35125D	5.5	21	35,000	2,415	
24145D	8	30	24,000	1,656	Plunger Kit
20145D	10	38	20,000	1,400	
15145D	13	49	15,000	1,035	Conversion Kit
10145D	19.5	74	10,000	690	
8145D	24.5	93	8,000	552	Plunger Kit
6145D	32.5	123	6,000	414	
40125D	4.4	16.5	40,000	2,800	Conversion Kit
35125D	5	18.9	35,000	2,415	
24125D	7.5	28	24,000	1,656	Plunger Kit
20125D	9	34	20,000	1,400	
15125D	12	45	15,000	1,035	Conversion Kit
10125D	17.5	66	10,000	690	
8125D	22	83	8,000	552	Plunger Kit
6125D	29	110	6,000	414	

Model 145  
(145 HP)

Model 125  
(125 HP)

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.



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

*Specifications subject to change without notice*

**All Units Are Factory Tested Before Shipment**



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