

# 125 SERIES ELECTRIC

**SMALL,  
COMPACT  
DESIGN** FOR  
**IN-PLANT  
APPLICATIONS.**



QUICK CHANGE  
CONVERSION KITS  
AVAILABLE



**N**LB's line of waterjetting 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 psi (414 bar) and 40,000 psi (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 accessory manifold.

## 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)

## 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 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 & 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



**Did you know?**

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

- Plunger Kit is required to convert between models.
- ◇ Conversion Kit is required to convert between model sections.

AVAILABLE PUMP CONFIGURATIONS

MODEL	GPM	LPM	PSI	BAR	KITS
<b>MODEL 125 - 120 HP</b>					
40125E	4.8	18.3	40,000	2,800	
35125E	5.5	21	35,000	2,450	
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	●
8125E	24.5	93	8,000	552	●
6125E	32.5	123	6,000	414	●
<b>MODEL 105 - 100 HP</b>					
40105E	4.4	16.5	40,000	2,800	
35105E	5	18.9	35,000	2,450	
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	●
8105E	22	83	8,000	552	●
6105E	29	110	6,000	414	●
<b>MODEL 75 - 70 HP</b>					
4075E	3	11.3	40,000	2,800	
3575E	3.4	12.9	35,000	2,450	
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	●

**CONVERSION KITS**  
Contact your local sales representative for kit availability and pricing.

**ALL UNITS ARE CERTIFIED AND FACTORY TESTED BEFORE SHIPMENT**  
Specifications subject to change without notice.



**HEADQUARTERS**  
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