



# Model No. 10100E

## High Pressure Liquid Jetting System



The NLB Model 10100E combines the power of 10,000 psi (700 bar) water blasting with the dependability of a plunger pump design that has been proven in countless applications over the past 28 years.

With pressures up to 10,000 psi (700 bar) and flows of 16 gpm (60 lpm), the 10100E has the capability to tackle the toughest water jetting applications. Since the unit's power comes from a slow driven 520 rpm crankshaft triplex plunger pump, wear and maintenance are minimized. You save money on parts as well as increase uptime.

Features include NLB's new accessory manifold featuring an oil filled pressure gauge, safety rupture disc, and the state-of-the art BV10-400 By-Pass valve which makes setting and maintaining system pressure as easy as a turn of the handle. Also standard on the unit are oil or water plunger and packing lubrication systems.

Diesel and electric-powered models are available, each mounted on a heavy-duty trailer or steel skid. All units are factory tested prior to shipment.



*The Leader in High-Pressure Water Jet Technology*

# Model 10100E Liquid Blaster



## Electric Motor

Unit includes a 100 hp (75 kw) TEFC electric motor and a motor starter. Pumping system is completely pre-wired for 460 volt service. Optional drip-proof or explosion proof motors available.

## Skid Mounting:

- Size: 4' 5" wide x 4' 6" high x 7' 7" long
- (1.37m wide x 1.40m high x 2.35m long)
- Weight 4,100 lbs. (1,860 kg)

## Dolly Mounting:

- Size: 4' 5" wide x 5' 11" high x 7' 7" long
- (1.37m wide x 1.40m high x 2.35m long)
- Weight 4,200 lbs. (1,906 kg)

## Motor Driven Pumping Assembly Complete:

- Slow running NLB Model 1012 reciprocating pump
- Three plunger mechanical lubrication
- Belt drive with guard
- 66 gallon (250 l) polypropylene water tank
- Inlet water filter and strainer
- 20,000 lb. oil-filled pressure gauge with snubber
- Accessory manifold featuring the BV10-400 By-Pass valve

● Specifications are subject to change without notice ●

## Optional Accessories:

- NCG10-280 cleaning lance
- ATL-3500 tube lancing machine
- SRH family of SPINNOZZLES®

## Available Pump Configurations:

Model	GPM	LPM	PSI	BAR
13100E	12	45	13,000	900
10100E	16	60	10,000	700
8100E	20	75	8,000	560
6100E	25	94	6,000	420

Through a simple packing and plunger conversion, NLB pumps can be configured to operate at any of the above pressures and flows. Contact us for additional information.



(Above) 10100Es in a typical industrial application.  
(Below) Operator uses a 10100E and an ATL-3500 to clean a small heat exchanger.



**All Units Are Factory Tested Before Shipment**



**The Leader in High-Pressure  
Water Jet Technology**

### Headquarters

29830 Beck Road  
Wixom, MI 48393-2824  
(248) 624-5555  
FAX: (248) 624-0908  
<http://www.nlbcorp.com>

### Regional Offices

■ 159 Harmony Road, Mickleton, NJ 08056  
(856) 423-2211 FAX: (856) 423-0997

■ 201 S. 16th, La Porte, TX 77571  
(281) 471-7761 FAX: (281) 471-8738

■ 14302 Highway 44 N., Gonzales, LA 70737  
(225) 622-1666 FAX: (225) 622-7366

■ 1323 E. Hill St., Signal Hill, CA 90755  
(562) 490-3277 FAX: (562) 733-0780