



# Model No. 1012D

## High Pressure Liquid Jetting System



The NLB Model 1012D combines the power of 10,000 psi (700 bar) waterblasting with the dependability of a plunger pump design that has been proven in countless applications over the past 25 years.

With pressures up to 10,000 (700 bar) psi and flows of 16 gpm (60 lpm), the 1012D has the capability to tackle the toughest water jetting applications. Since the unit's power comes from a slow running 520 rpm crankshaft triplex plunger pump, wear and maintenance are minimized. You save money on parts and increase uptime.

Features include a water pressure actuated throttle control that monitors operator demand and adjusts output

accordingly. When the operator pulls the trigger, the pumping system responds instantaneously providing high pressure water at a pre-selected pressure and volume. Upon release of the trigger, pressure is relieved and the system returns to idle. Also standard on the unit is NLB's new accessory manifold featuring an oil filled pressure gauge, safety rupture disk, 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.

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 1012D Liquid Blaster



## Industrial Engine:

A six cylinder diesel engine rated for 120 HP (89.5 kw) on a continuous duty basis. Features include a heavy duty v-belt drive, 12 volt electric start, fully shrouded engine and a water pressure actuated throttle control.

## Trailer Mounting:

- Heavy duty tandem axle design
- 14" wheels (355 mm)
- D.O.T. lighting package
- Heavy-duty fenders
- Electric brakes
- Acrylic enamel paint
- Size: 6' wide x 7' 1" high x 13' 9" long  
(1.83 m wide x 2.13 m high x 4.19 m long)
- Weight: 5,100 lbs. approx. (2,315 kg)

## Skid Mounting:

- Size: 4' wide x 5' 10" high x 9' 5" long  
(1.22m wide x 1.77m high x 2.90m long)
- Weight 4,500 lbs. (2,045kg)

## Engine Driven Pumping Assembly:

- Slow running NLB Model 1012 reciprocating pump
- Three plunger mechanical lubrication
- Belt drive with guard
- 29 gallon (110 l) fuel tank with gauges
- 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

## Optional Accessories:

- NCG10-280 cleaning lance and SRH nozzle block
- ATL-3500 tube lancing machine

## Available Pump Configurations:

Model	GPM	LPM	PSI	BAR
1312D	12	45	13,000	900
1012D	16	60	10,000	700
812D	20	75	8,000	560
612D	25	94	6,000	420

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



(Above) Hand lancing using the NLB Model SRH-10.  
(Below) Operator uses a 1012D and an ATL-3500 to clean a small heat exchanger.



**All Units Are Factory Tested Before Shipment**

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