

NLB ATL-5000

High-Pressure I. D. Tube Cleaning System



U.S. Patent Pending
Unit shown with optional features

NLB's new ATL-5000 bundle cleaning system is designed to allow the I. D. of tube bundles to be cleaned by a single operator from the comforts of climate controlled operator station. From the station, the operator controls the up, down, left and right movements of the lance bed. The in and out movements of the lances, and the up and down movement of the outriggers/levelers can be also be controlled. And, with the addition of the bundle roller control package, the operator can control the rotation of the bundles.

The system is completely self sufficient, and requires no external power or air supply. The simple to operate lance pitch adjustment system, along with the excellent field of view from the operator station, makes it easy to position the lances correctly for cleaning.



- The ATL-5000 features a powerful hydraulic drive system to move the rigid lances through the tubes, making the cleaning of bundles fast and efficient.
- The system is available with a hydraulically actuated outrigger system that allows the operator to unload the ATL-5000 from a trailer without the use of a crane or forklift.



The Leader in High-Pressure Water Jet Technology

ATL-5000 Bundle Cleaner

Industrial Engine:

Cleaning system includes a 3 cylinder diesel engine rated for 31 hp (23 kw).

Unit Features Include:

- ❑ The system is completely self sufficient and requires no external power supply.
- ❑ The optional HVAC package provides both heat and cooling to the operator station.
- ❑ System can be operated at pressures to 20,000 psi (1400 bar).
- ❑ Fully adjustable lance stroke length allows the machine to be configured for various length bundles.

Specifications:

- ❑ Weight: 12,000 lbs (6,810 kg) approx.
- ❑ Size (shipping): 462" long x 101" width x 104" high approx. (11.73 m long x 2.56 m width x 2.64 m high)
- ❑ Lance Speed: 39" (1 m) per second
- ❑ Maximum Cleaning Width: 59" (1.5 m)
- ❑ Lance Bed Vertical Movement: 59.5" (1.51 m)
- ❑ Maximum Lance Height: 83.5" (2.12 m)
- ❑ Minimum Lance Height: 24" (.6 m)
- ❑ Maximum Working Pressure: 20,000 psi (1400 bar)
- ❑ Outriggers: 12" (.3 m) for leveling or 42" (1.06 m) for unloading
- ❑ Lance Pitch Adjustment: .75" (19.05 mm) to 1.94" (49.28 mm)
- ❑ Rigid Lance Forward Thrust: 0-250 lbs. per lance.
- ❑ NLB V20-495 System Valve

All Units Are Factory Tested Before Shipment

Specifications subject to change without notice



NLB's simple to operate lance pitch adjustment controls move each lance at the same time, ensuring that they are spaced correctly.



The hydraulically actuated lance bed provides a wide range of movement to facilitate the cleaning process.



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

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