



Water Jet Stripe and Rubber Removal System



U.S. Patent Pending
Unit shown with optional systems.

If you want to remove road or runway markings faster and more thoroughly than abrasive methods - without damaging the surface - you need an NLB water jetting system. NLB's StarJet™, allows operators to quickly and thoroughly remove stripes and other markings using nothing but the power of ultra-high pressure water.

The StarJet™ is a self-contained system with rotating water jets on a robotic arm that is mounted to the front of the truck. The 40,000 psi water jets completely remove markings or curing compound as the truck drives along the road, or remove rubber as it drives along the runway. Ultra-high pressure water jetting is faster and more thorough than grinding and does less damage to concrete or asphalt.



NLB's StarJet™

Simple, Fast, Easy and Dependable

- Proportional controls on the robotic arm for more speed and better control.
- Self-contained debris recovery system reduces downtime and improves productivity.
- In-cab video (2 cameras in front, 1 in back) to let the driver monitor progress as well as surrounding traffic.
- Three levels of waste and debris handling to suit specific customer needs.



The Leader in High-Pressure Water Jet Technology

StarJet™



High Pressure Pump

Pumping system includes a continuous duty six cylinder diesel engine rated for 365 HP (272 kw) on a continuous duty basis and generates 13.3 gpm (50 lpm) at 40,000 psi (2,800 bar).

StarJet Features Include:

- Hydraulically actuated removal assembly with proportional controls.
- Long life UHP seal assemblies with simple to replace seal for ease of maintenance.
- Fully automatic front end service mode makes maintenance and nozzle changes quick and easy.
- Dual heads for maximum productivity.
- Multiple nozzle bar assemblies available to match any application.
- High resolution touch screen operator interface with adjustable skip line controls allow the operator to advance between skips.
- Hydrostatic creep drive for precise speed control during removal. (0-350 fpm).
- Slow running plunger pump built from high-grade stainless steel and provides unprecedented reliability.
- High powered on-board vac unit provides 1,500 CFM and features a 4-cylinder diesel engine.

Engine Driven Pumping Assembly:

- Slow running NLB Model 40330 pump
- Belt drive with guard
- Five plunger positive lubrication
- All necessary plumbing and operating controls
- Pressure adjusting by-pass valve
- Oil filled pressure gauge

All Units Are Factory Tested Before Shipment

Specifications subject to change without notice



**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

11506 Spencer Hwy, La Porte, TX 77571
(281) 471-7761 FAX: (281) 471-8738

14302 Hwy 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

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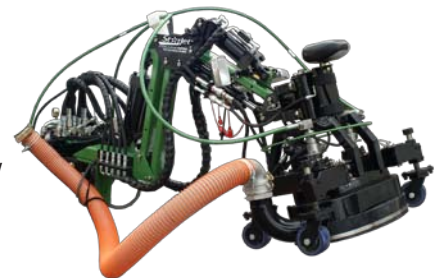


High resolution in-cab video monitor allow the operator to monitor progress as well as surrounding traffic.



The ergonomically designed control system puts everything at the drivers finger tips.

Hydraulically actuated front end assembly with proportional joystick controls allow the operator to raise/lower, sweep/extend, and retract/rotate head.



2500 gallon steel debris/vacuum tank coated with Sherwin Williams two parts Genesis coating system.