

NLB Corp. Ultra-High Pressure Abrasives Water-Jet Cutting

NLB Abrasive Water-Jet Cutting For Contractors



NLB high-pressure water-jet abrasive cutting systems cut metal, concrete, composites and many other hard materials. Operating at pressures of up to 40,000 psi, they can quickly and efficiently cut concrete and rebar, or inspection and service openings in petrochemical tanks.

Cutting with abrasive water-jet systems eliminate heat build-up, which can cause thermal distortion and a change in metallurgy. Water-jet cutting also leaves a smooth edge, has a minimal kerf loss, reduces the need for secondary finishing and is fast, clean and dust-free.

NLB's systems use automated nozzle tracking to control the movement of the cutting head. Systems are available for cutting both round and flat materials. Features include:

- ❑ Less dust, noise and heat than other cutting methods.
- ❑ Cuts cleanly with no burr, slag or warping.
- ❑ Adjustable nozzle angles and tracking speed.
- ❑ A single abrasive nozzle assembly can be used with systems for cutting flat and round materials.
- ❑ Available in both air and hydraulic drive configurations.



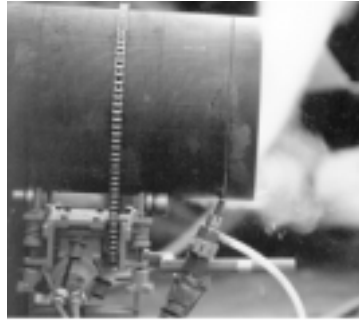
The Leader in High-Pressure Water Jet Technology

Abrasive Cutting Systems

Both the NLB Track Crawler and Pipe Cutting systems are hydraulically driven. Power is supplied by a 1/2 horsepower electric motor that drives the hydraulic power pack. The power pack is compact, lightweight, and only requires 110 volt power.

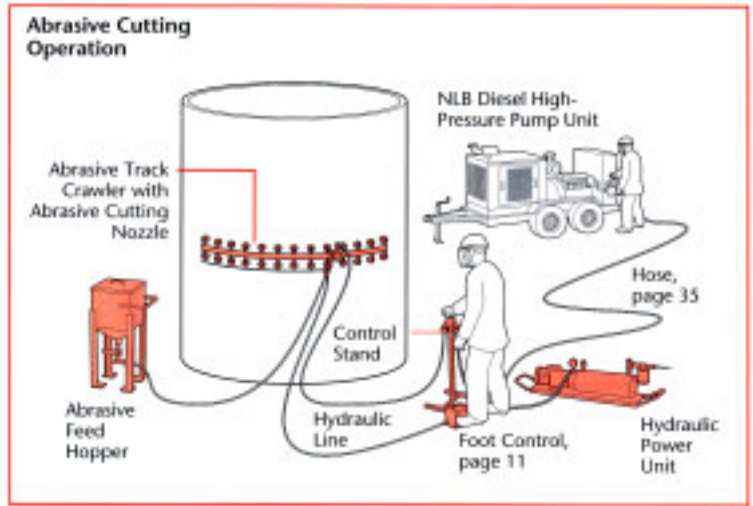
Abrasive Pipe Cutter Model 40K-APC-1A

- ❑ Adjustable nozzle angle and tracking speed.
- ❑ Rugged, lightweight design powered nozzle assembly
- ❑ Cuts steel, concrete or PVC pipe.
- ❑ Requires NLB-6020-AC abrasive cutting nozzle.
- ❑ Easily adjustable chain guides hydraulically driven nozzle.



Manual Abrasive Cutting Stand

- ❑ Easily wheeled into position up close to cutting target.
- ❑ Lance can be adjusted vertically and from left to right.
- ❑ Lets operator concentrate on cutting job.
- ❑ Operator lance thrust is eliminated using the stand.



Abrasive Track Cutter Model NLB ATS-1

- ❑ Ideal for vertical or horizontal surfaces, (e.g., refinery tanks).
- ❑ Straight and flexible track sections available to perform straight or curved cuts.
- ❑ 4' (1.2 m) stainless steel track held in place by pneumatic suction cups (8 cfm per section).
- ❑ Dependable hydraulic power.
- ❑ Sections can be joined for long, continuous cuts.
- ❑ Complete system mounted on lightweight steel base.
- ❑ Requires NLB-6020-AC abrasive cutting nozzle.
- ❑ Air-powered option available, order Part No. ATS-1P

Track Options:

- ❑ Model DA9687 is for straight cuts, or curved cuts with a radius up to 3' (91 cm).
- ❑ Model DA9688 is flexible, for radial cuts of 4" to 4' (10 cm to 1.2 m).



Specifications subject to change without notice



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Water Jet Technology**

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