



PUMPS



HIGH-PRESSURE DIESEL AND ELECTRIC WATER JETTING PUMPS



WATER JET PUMPS AND ACCESSORIES FOR **ANY APPLICATION.**

When you need high-pressure water jet equipment — whatever the job — the name to know is NLB. We have hundreds of top-quality pumps and accessories, painstakingly engineered to maximize your productivity and safety.

NLB offers a full range of pump pressures, flows and horsepower, in diesel or electric models (see pages 2-5). All feature the latest technology, and our skilled staff can custom-engineer units to meet specific user needs (see page 7).

NLB accessories — everything from hand lances and specialty nozzles to fully-automated water jet systems — deliver the same

high levels of performance and dependability. All are backed by the industry's most customer-friendly warranty, with regional and international locations that provide rentals, parts, service, and training.

Since its founding in 1971, no company has done more to advance water jet technology (and its applications) than NLB Corp. Call us today to explore which pump and accessories to put to work for you.

THE PERFORMANCE AND RELIABILITY YOU DESERVE.

There are many reasons to choose an NLB pump: performance, reliability, and low operating cost to name a few.

NLB pumps minimize wear with slow-running mechanical operation, achieving an efficiency of up to 98%. Their rugged construction features a power frame and

precision-machined stainless steel fluid-end (manufactured by NLB).

Long-life seals and packing reduce the time spent on maintenance and how often it's needed.

Convertibility to meet changing job requirements is a major advantage. An NLB pump can be converted over to other flows and pressures with a simple fluid end conversion kit* that takes just 30 to 45 minutes.

Today's models have fewer components than previous units, which improves efficiency while simplifying maintenance. That means more dependability and uptime, no matter the configuration.

Most models are available with a choice of diesel engines or electric motors. They can be trailer-mounted for mobility or skid-mounted for a smaller footprint.



*CONVERSION KITS

Contact your sales representative for kit availability & pricing.

E-CLUTCH™

WIRELESS TECHNOLOGY IMPROVES SAFETY.

With its patented E-Clutch™, NLB eliminates the pump's traditional PTO and the maintenance it requires. This allows operators to stop the flow of high-pressure water at the pump. Using one of NLB's new wireless Esync™ tools — a hand lance, foot box or hand pendant — they can disengage the pump from the engine from up to 600 feet (183 m) away.

This advanced technology is a big step forward in operator safety since it depressurizes the entire system (diminishing the hazards that come along with it) all while reducing the amount of water on the ground. For details, please visit nlbcorp.com.



SpinJet®



Hand Lance



Foot Control



Hand Pendant

CONVERTIBLE UNITS

TOP QUALITY WITH FLEXIBILITY.



 **Quick Change
Conversion Kits
Available**



20305DGES-TRA Unit

- 1 Field-repairable by-pass valve** - The BV series compensates for pressure changes, and doesn't need changing to convert the fluid end (up to 24,000 psi, or 1,650 bar).
- 2 Heavy-duty fenders** - Bolt-on fenders are gusseted for extra support, and meet ICC regulations.
- 3 Smooth ride** - Rugged NLB trailers are designed to keep your unit from bouncing, and for easy hook-up and towing.
- 4 DOT-certified lights** - Trailer lights have all wiring protected inside conduit.

- 5 Rugged axles** - Count on our heavy-duty axles to last for years, with grease zerks for easy lubrication.
- 6 Low-rpm for less wear** - NLB pumps typically run slower than competitors' models, to generate the same flow with much less wear.
- 7 Extra-secure manifold** - Discharge manifold is held by 12 fasteners (50% more than other pumps), all torqued for security.
- 8 Rugged frame plate** - Solid stainless steel is more durable than castings, separate from the power end (should it ever need replacing) and double-ported.

- 9 Corrosion-resistant piping** - All inlet piping consists of either rubber, brass or stainless steel to eliminate rust.
- 10 Fast freeze protection** - Winterizing is simple and quick.
- 11 Esync Technology** - With the push of a button, easily disengage the pump from the engine to cut off the flow of water.

DIESEL UNITS



125 SERIES DIESEL

MODEL	GPM	LPM	PSI	BAR	KITS
Model 145 - 145 hp (108 kw)					
6145D	32.5	123	6,000	415	●
8145D	24.5	93	8,000	550	●
10145D	19.5	74	10,000	700	● ◇
15145D	13	49	15,000	1,000	● ◇
20145D	10	38	20,000	1,400	● ◇
24145D	8	30	24,000	1,650	● ◇
35145D	5.5	21	35,000	2,450	● ◇
40145D	4.8	18.3	40,000	2,800	● ◇



175 SERIES DIESEL

MODEL	GPM	LPM	PSI	BAR	KITS
Model 175 - 175-200 hp (130-149 kw)					
8175D	28.9	109.5	8,000	550	●
10175D	23.4	88.5	10,000	700	● ◇
15175D	15.3	57.9	15,000	1,000	● ◇
20175D	12.0	45.4	20,000	1,400	● ◇
35175D	7.2	27.0	35,000	2,450	● ◇
40175D	6.0	23.0	40,000	2,800	●



225 SERIES DIESEL

MODEL	GPM	LPM	PSI	BAR	KITS
Model 355 - 350 hp (261 kw)					
8355D	63	238	8,000	550	●
10355D	51.5	195	10,000	700	● ◇
15355D	34.5	131	15,000	1,000	● ◇
20355D	26	98	20,000	1,400	●
Model 305 - 300 hp (224 kw)					
8305D	50	190	8,000	550	●
10305D	44	167	10,000	700	●
12305D	36	136	12,000	830	●
15305D	29	110	15,000	1,000	● ◇
20305D	23	87	20,000	1,400	● ◇
24305D	18	68	24,000	1,650	● ◇
35305D	13	47	35,000	2,450	● ◇
40305D	10	38	40,000	2,800	● ◇
Model 275 - 275 hp (205 kw)					
8275D	44	167	8,000	550	●
10275D	38	142	10,000	700	●
12275D	32	120	12,000	830	●
15275D	25	94	15,000	1,000	● ◇
20275D	20	75	20,000	1,400	● ◇
24275D	16	60	24,000	1,650	● ◇
35275D	11	41	35,000	2,450	● ◇
40275D	9	34	40,000	2,800	● ◇
Model 235 - 235 hp (172 kw)					
4235D	88	332	4,000	275	● ●
5235D	70	266	5,000	345	● ●
6235D	59	221	6,000	415	● ●
8235D	38	144	8,000	550	●
10235D	34	128	10,000	700	●
12235D	29	110	12,000	830	●
15235D	21	79	15,000	1,000	● ◇
20235D	17	64	20,000	1,400	● ◇
24235D	13	49	24,000	1,650	● ◇
35235D	10	36	35,000	2,450	● ◇
40235D	8	30	40,000	2,800	● ◇
Model 215 - 200 hp (149 kw)					
4215D	62	233	4,000	275	● ●
5215D	49	186	5,000	345	● ●
6215D	41	155	6,000	415	● ●
8215D	29	110	8,000	550	●
10215D	25	94	10,000	700	●
12215D	19	71	12,000	830	●
15215D	16	60	15,000	1,000	● ◇
20215D	13	49	20,000	1,400	● ◇
24215D	10	38	24,000	1,650	●
35215D	7	27	35,000	2,450	●
40215D	6	23	40,000	2,800	●



325 SERIES DIESEL

MODEL	GPM	LPM	PSI	BAR	KITS
Model 455 - 450 hp (336 kw)					
8455D	79	299	8,000	550	●
10455D	68	259	10,000	700	●
12455D	57	216	12,000	830	●
15455D	46	172	15,000	1,000	● ◇
20455D	34	129	20,000	1,400	● ◇
24455D	28	108	24,000	1,650	●
40455D	16	60	40,000	2,800	●
Model 405 - 400 hp (282 kw)					
4405D	146	553	4,000	275	● ●
5405D	117	443	5,000	345	● ●
6405D	97	369	6,000	415	● ●
8405D	69	261	8,000	550	●
10405D	60	228	10,000	700	●
12405D	50	190	12,000	830	●
15405D	40	152	15,000	1,000	● ◇
20405D	30	113	20,000	1,400	● ◇
24405D	25	95	24,000	1,650	● ◇
35405D	17	66	35,000	2,450	●
40405D	14	53	40,000	2,800	●



605 SERIES DIESEL

MODEL	GPM	LPM	PSI	BAR	KITS
Model 655 - 650 HP (483 kw)					
4655D	229	867	4,000	275	●
6655D	166	628	6,000	415	● ◇
8655D	124	470	8,000	550	● ◇
10655D	99	375	10,000	700	● ◇
15655D	66	250	15,000	1,000	● ◇
20655D	50	190	20,000	1,400	● ◇
35655D	29	110	35,000	2,450	● ◇
40655D	23.5	89	40,000	2,800	● ◇
Model 605 - 600 HP (447 kw)					
4605D	200	757	4,000	275	●
6605D	143	541	6,000	415	● ◇
8605D	107	405	8,000	550	● ◇
10605D	86	326	10,000	700	● ◇
15605D	57	216	15,000	1,000	● ◇
20605D	43	163	20,000	1,400	● ◇
35605D	25	93	35,000	2,450	● ◇
40605D	22	83	40,000	2,800	● ◇
Model 525 - 525 HP (388 kw)					
4525D	180	681	4,000	275	●
6525D	129	488	6,000	415	● ◇
8525D	97	367	8,000	550	● ◇
10525D	77	291	10,000	700	● ◇
15525D	52	197	15,000	1,000	● ◇
20525D	39	149	20,000	1,400	● ◇
35525D	22	84	35,000	2,450	● ◇
40525D	20	76	40,000	2,800	● ◇



1005 SERIES DIESEL

MODEL	GPM	LPM	PSI	BAR	KITS
Model 1005 - 1,000 hp (746 kw)					
41005D	333	1262	4,000	275	● ◇
81005D	179	676	8,000	550	● ◇
101005D	143	541	10,000	700	● ◇
151005D	95	360	15,000	1,000	● ◇
201005D	72	271	20,000	1,400	●
Model 755 - 750 hp (559 kw)					
4755D	260	989	4,000	275	●
6755D	185	700	6,000	415	● ◇
8755D	140	528	8,000	550	● ◇
10755D	112	423	10,000	700	● ◇
15755D	75	282	15,000	1,000	● ◇
20755D	56	211	20,000	1,400	●



20455D Containerized Unit



15175D Enclosed Trailer Unit

- B-Cylinder Pump
- Plunger Kit is required to convert between models.
- ◇ Conversion Kit is required to convert between model sections.



40215D Diesel Unit

ELECTRIC UNITS



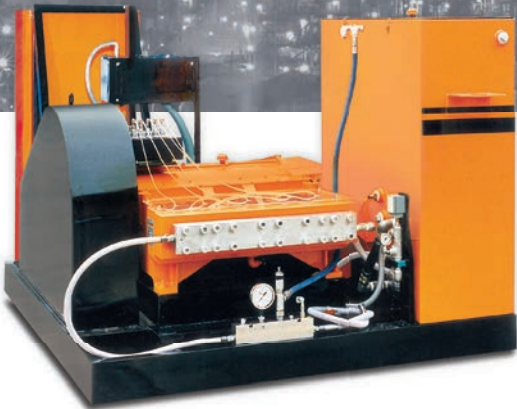
125 SERIES ELECTRIC

MODEL	GPM	LPM	PSI	BAR	KITS
MODEL 125 - 120 HP					
6125E	32.5	123	6,000	415	●
8125E	24.5	93	8,000	550	●
10125E	19.5	74	10,000	700	● ◇
15125E	13	49	15,000	1,000	● ◇
20125E	10	38	20,000	1,400	● ◇
24125E	8	30	24,000	1,650	● ◇
35125E	5.5	21	35,000	2,450	● ◇
40125E	4.8	18.3	40,000	2,800	● ◇
MODEL 105 - 100 HP					
6105E	29	110	6,000	415	●
8105E	22	83	8,000	550	●
10105E	17.5	66	10,000	700	● ◇
15105E	12	45	15,000	1,000	● ◇
20105E	9	34	20,000	1,400	● ◇
24105E	7.5	28	24,000	1,650	● ◇
35105E	5	18.9	35,000	2,450	● ◇
40105E	4.4	16.5	40,000	2,800	● ◇
MODEL 75 - 70 HP					
675E	20	76	6,000	415	●
875E	16	60	8,000	550	●
1075E	12	45	10,000	700	● ◇
1575E	9	34	15,000	1,000	● ◇
2075E	6.5	24	20,000	1,400	● ◇
2475E	5.5	21	24,000	1,650	● ◇
3575E	3.4	12.9	35,000	2,450	● ◇
4075E	3	11.3	40,000	2,800	● ◇



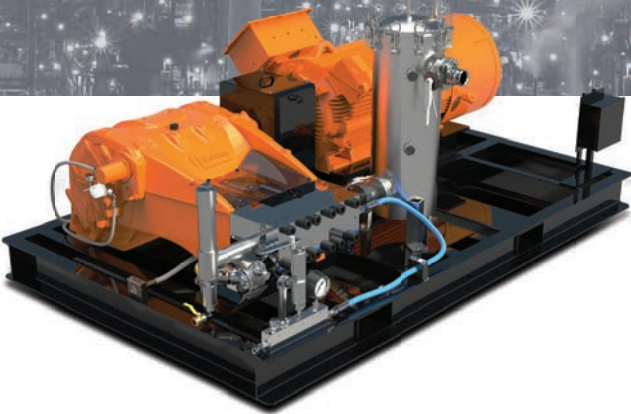
225 SERIES ELECTRIC

MODEL	GPM	LPM	PSI	BAR	KITS
MODEL 225 - 250 HP					
8225E	44	167	8,000	550	●
10225E	38	142	10,000	700	●
12225E	32	120	12,000	830	●
15225E	25	94	15,000	1,000	● ◇
20225E	20	75	20,000	1,400	● ◇
24225E	16	60	24,000	1,650	● ◇
35225E	11	41	35,000	2,450	● ◇
40225E	9	34	40,000	2,800	● ◇
MODEL 205 - 200 HP					
8205E	38	144	8,000	550	●
10205E	34	128	10,000	700	●
12205E	29	109	12,000	830	●
15205E	21	79	15,000	1,000	● ◇
20205E	17	64	20,000	1,400	● ◇
24205E	13	49	24,000	1,650	● ◇
35205E	10	36	35,000	2,450	● ◇
40205E	8	30	40,000	2,800	● ◇
MODEL 155 - 150 HP					
8155E	29	110	8,000	550	●
10155E	25	94	10,000	700	●
12155E	19	71	12,000	830	●
15155E	16	60	15,000	1,000	● ◇
20155E	13	49	20,000	1,400	● ◇
24155E	10	38	24,000	1,650	● ◇
35155E	7	27	35,000	2,450	● ◇
40155E	6	23	40,000	2,800	● ◇



325 SERIES ELECTRIC

MODEL	GPM	LPM	PSI	BAR	KITS
MODEL 355 - 350 HP					
8355E	74	279	8,000	550	●
10355E	60	228	10,000	700	●
12355E	50	190	12,000	830	●
15355E	40	152	15,000	1,000	● ◇
20355E	30	113	20,000	1,400	● ◇
24355E	25	95	24,000	1,650	● ◇
35355E	17	66	35,000	2,450	● ◇
40355E	14	53	40,000	2,800	● ◇
MODEL 305 - 300 HP					
8305E	64	242	8,000	550	●
10305E	51	194	10,000	700	● ◇
12305E	42	159	12,000	830	● ◇
15305E	34	128	15,000	1,000	●
20305E	27	102	20,000	1,400	●
24305E	22	83	24,000	1,650	● ◇
35305E	15	56	35,000	2,450	● ◇
40305E	12	45	40,000	2,800	● ◇
MODEL 255 - 250 HP					
8255E	54	204	8,000	550	●
10255E	43	163	10,000	700	●
12255E	36	136	12,000	830	●
15255E	28	106	15,000	1,000	● ◇
20255E	21	79	20,000	1,400	● ◇
24255E	18	68	24,000	1,650	● ◇
35255E	12	46	35,000	2,450	● ◇
40255E	10	38	40,000	2,800	● ◇



605 SERIES ELECTRIC

MODEL	GPM	LPM	PSI	BAR	KITS
MODEL 500 - 500 HP					
4500E	200	757	4,000	275	● ◇
6500E	143	541	6,000	415	● ◇
8500E	107	405	8,000	550	● ◇
10500E	86	326	10,000	700	● ◇
15500E	57	216	15,000	1,000	● ◇
20500E	43	163	20,000	1,400	● ◇
35500E	25	93	35,000	2,450	● ◇
40500E	22	83	40,000	2,800	● ◇

● Plunger Kit is required to convert between models.
◇ Conversion Kit is required to convert between model sections.

BARE PUMPS & HOT WATER UNITS

BARESHAFT PUMPS

Nothing lasts forever, and customers who need to finally replace the pump in an old water jet unit (NLB or non-NLB) won't find a better replacement than a bare pump from NLB. These are the same pumps powering today's NLB units, with the same quality, performance, and ease of maintenance. They can also be retrofitted to make older NLB units convertible to different pressures and flows.



Horsepower Formula

$$\text{BHP} = \frac{\text{GPM} \times \text{PSI}}{1715}$$

NOTE: Actual pump capacity is approximately 95% of the displacement.

SERIES	PRESSURE	FLOW
125	6,000-40,000 psi (415-2,800 bar)	3-32.5 gpm (15-125 lpm)
175	8,000-40,000 psi (550-2,800 bar)	6-29 gpm (23-110 lpm)
225	4,000-40,000 psi (275-2,800 bar)	6-82 gpm (23-310 lpm)
325	4,000-40,000 psi (275-1,400 bar)	12-79 gpm (45-265 lpm)
605	4,000-40,000 psi (275-2,800 bar)	18-200 gpm (68-757 lpm)
1005	4,000-20,000 psi (275-1,400 bar)	56-333 gpm (211-1,262 lpm)

HOT WATER AND INDUSTRIAL PRESSURE WASHERS

For applications requiring hot water at high pressure, NLB offers two models. These are much more rugged than the pressure washers typically used for such jobs, and available with diesel or electric power. They feature simple controls, easy access for maintenance, and integrated low-water shut-off to prevent overheating. Maintenance costs have been reduced by eliminating the usual disposable filter in favor of a strainer that can be rinsed and reused.



MODEL	GPM	LPM	PSI	BAR
HOT AND COLD WATER SERIES				
Model 335 - 66 hp (49.25 kW)				
335-DHW-TRA-SA	15.5	58.7	3,500	240
Model 535 - 66 hp (49.25 kW)				
535-DHW-TRA-SA	9.4	35.6	4,950	340
COLD WATER SERIES				
Model 735 - 66 hp (49.25 kW)				
735DC-SKID	10.0	38.7	7,250	500

CUSTOM CONFIGURATIONS

CUSTOMIZED TO FIT YOUR NEEDS

Adapting water jet units for challenging applications, demanding conditions, and international requirements has long been an NLB strength. A few examples:



AQUACULTURE (NET CLEANING)

Stainless steel components, a galvanized skid and an aluminum enclosure help NLB pump units keep doing their job at sea, despite foul weather and salt corrosion.

HAZARDOUS AREAS

NLB pumps can be built to ATEX, IECEX, NEC, or CEC standards, mitigating the risk of explosion in Zone-classified areas.

SMALL FOOTPRINT

When space is tight, NLB can reduce the unit footprint by configuring it with the motor over the pump. To discuss special needs, please contact NLB headquarters.

ALL UNITS ARE CERTIFIED AND FACTORY TESTED BEFORE SHIPMENT
Specifications subject to change without notice.

RENTAL OVERVIEW

High-pressure water jetting systems from NLB can solve the toughest product removal problems. For more than 40 years, we've been harnessing the power of water to provide an efficient, cost-effective cleaning tool for industrial plants and contractors. No matter the build-up — rust and scale, resins, chemical residues, paint, epoxies — an NLB water jet system cuts right through it and rinses it away. Water jetting leaves a clean, smooth surface, and is faster than manual methods. You won't need chemicals, solvents or caustics (or the expensive safety and disposal procedures that go with them). Bottom line: water jetting is an, efficient, non-polluting way to higher productivity... and greater profits.

WHY RENT?

It is a simple matter of economics that some jobs just cannot justify the purchase of a water jet pump and related accessories. But that doesn't mean you must miss out on the job. Renting is a cost-effective alternative to purchasing. Renting avoids a capital expenditure and allows contractors or industrial companies the full use of equipment at a fraction of the purchase price. Renting for a short time, or for a specific job, also allows you greater flexibility with operating and maintenance budgets.

WHY RENT FROM NLB?

NLB specializes in high-pressure and ultra-high pressure water jet technology (pressures up to 40,000 psi). We are a leading innovator in the design and application of water jetting equipment, with quality and reliability that ensure maximum up-time.

NLB maintains rental fleets in Michigan, New Jersey, Louisiana, Texas, California, Washington, Indiana, and the UK. Each regional location is staffed with factory-trained technicians to help you choose the right pump and accessories for your job, and assist you with arrangements. Our service technicians are also available for on-site training, start-up and maintenance.

WHAT DOES RENTING INCLUDE?

NLB rents both trailer-mounted diesel units and skid-mounted electric units, by the day, week or month, so you can choose the style and time frame that best suits your job. Accessories are also available for rent. Contact a representative to learn more.

STANDARD RENTAL PACKAGES:

- ✔ Pump Unit
- ✔ 100 ft. of High-Pressure Discharge Hose
- ✔ 100 ft. of Intake Hose
- ✔ Hand Lance or Foot Control Valve
- ✔ Spare Parts Kit
- ✔ Consultation
- ✔ Operation, Maintenance and Safety Training

We provide free in-house training for all rental customers, covering the operational capabilities of various pumps and accessories, maintenance procedures and safety aspects. Whenever an operator successfully completes a course, their training is recorded on a handy, wallet-sized card that they can carry on the job.

RENTAL/PURCHASE PLAN

If you're considering the purchase of NLB equipment, our rental program has a purchase option that gives you the opportunity to "try before you buy." Rental/Purchase lets you apply a percentage of the rental amount already paid to the purchase price — in some cases, the entire amount.

REFURBISHED UNITS

CERTIFIED PRE-OWNED UNITS OFFER SIGNIFICANT SAVINGS.

We know cash flow can be tight. A brand new NLB water jetting unit may not make the most sense for your bottom line right now. An NLB refurbished unit can be a great way to experience the worry-free, productivity rich benefits of owning an NLB water jetting unit at a substantial costs savings.

These refurbished units have been received through customer trade in or out of our rental fleet. In either case, each have gone through a seventeen point inspection process, and meet our own stringent operational "orange standard" for NLB products. Take a look. A high quality refurbished unit may be the right option for you. Each unit comes with a warranty and terms and financing options are available on select units.



NLB SERVICE & REFURBISHMENT PROGRAM.

MAINTAIN AND ENHANCE YOUR NLB HIGH PRESSURE EQUIPMENT WITH GENUINE NLB SERVICE AND PARTS.

The NLB Service and Refurbishment program offers the owners of older NLB pumps a cost effective way to bring your equipment back to a like-new condition.

A knowledgeable team at NLB will assess the current condition of your equipment, and then recommend which components need to be restored, replaced or repaired so that your equipment can operate at peak performance. All along the way we work with you. From the detailed pre-restoration meeting, to the scheduling of work, and right through until you take possession of your like-new equipment, NLB will make certain that you are fully informed and that the results will meet your every expectation.

The refurbished equipment will look and perform like new, extending the life of your waterblasting system.



1 PAINT
How your equipment looks is just as important as how it performs. NLB will completely repaint your pump, making it look as good as it did on the day you bought it.



2 THE PUMP
The pump on your unit will be completely gone through. All the internal components will be repaired or replaced so that it can perform at maximum efficiency.



3 DISCHARGE PIPING
Your existing discharge piping will be completely gone through and all the components will be brought up to like-new standards or replaced with the latest versions.



4 INLET PIPING
The water tank, filter housings and any boost pumps will be completely inspected and repaired to like-new condition or replaced.



5 DIESEL ENGINE
The diesel engine will go through a complete diagnostics and any repairs will be completed by a certified technician. Or, a brand new or recertified engine can be installed.

QUESTIONS?

We have answers.
Call (800) 441-5059
to connect with an
NLB representative.



HEADQUARTERS
Wixom, MI
(800)441-5059

REGIONAL OFFICES
Located across the
United States and Europe

LEADING WATER JET TECHNOLOGY™
[NLBCORP.COM](https://nlbcorp.com)

