

Extremely
Serviceable

Fewer parts ... faster servicing.
No special tools or equipment
required.



• 5-minute packing change



• 15-minute pop-out valve cartridge
change

Remarkably
Versatile

Tackle varied applications
in less time with one
convertible system



- On-site pressure conversion
- Slip-fit stuffing boxes
- Simple bolt-on conversion fluid ends

The UNx® Fluid End
X-treme Advantage

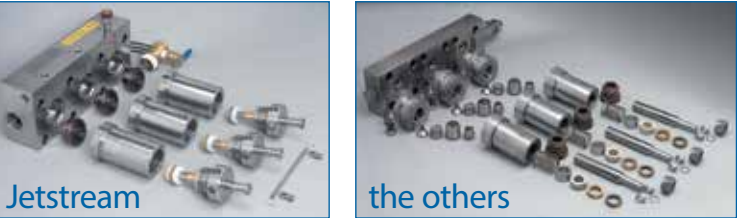
Unmatched for performance
and flexibility!

Contractors who live and breathe waterblasting performance demand the superior durability and flexibility of the UNx fluid end system. For ease of maintenance, in-the-field versatility, or overall operating efficiency, nothing beats the UNx system.

Engineered components streamline routine maintenance. Even operating pressures can be changed in minutes — from 5,000 to 40,000 PSI — with the UNx interchangeable fluid end design.

Now you’ve got the flexibility to tackle all jobs, the efficiency to keep operating costs low, and the superior performance to optimize productivity hour after hour, day after day.

Fewer Parts, Fewer Problems



Simple & Dependable

Uni-Valve Cartridge

- self-contained suction and discharge valve assembly
- slip-fit for easy maintenance
- in-line design minimizes turbulence

Uni-Pak™ Plunger Packing Set

- one-piece packing
- tapered for easy removal
- water lubricated — no oil

Swing-Down Manifold

- easy access to valves
- weep holes indicate source of seal leaks

Clamp-Style Plungers

- specifically designed for the rigors associated with each operating pressure
- clamp-on design for easy maintenance

Diesel Waterblast Units – The Contractor's Choice



X-Series diesel waterblast systems are available in both skid and trailer configurations. For unusual applications or configurations, Jetstream can offer custom solutions to meet your exact needs.

Diesel System Performance Specifications

X3000 Series	110 HP	Pressure (psi)	6,000	7,500	10,000	12,500	15,000	20,000	–	36,000	40,000
		Plunger Size (no.)	11	10	9	8	7	6	–	5	5
		Flow (gpm)*	23.2	18.4	14.9	11.8	9.9	11.2	–	9.9	4.3
	125 HP	Pressure (psi)	6,000	7,500	10,000	12,500	15,000	20,000	36,000	36,000	40,000
		Plunger Size (no.)	–	11	10	9	8	7	6	5	5
		Flow (gpm)*	–	23.3	18.4	14.9	11.8	9.7	6.1	5.2	4.9
X3600 Series	150 HP	Pressure (psi)	5,000	7,500	10,000	12,500	15,000	20,000	–	30,000	40,000
		Plunger Size (no.)	15	13	11	10	9	8	–	–	–
		Flow (gpm)*	45.4	31.2	23.2	18.6	15.7	11.7	–	–	–
	170 HP	Pressure (psi)	6,000	7,500	10,000	12,500	15,000	20,000	–	30,000	40,000
		Plunger Size (no.)	15	13	12	11	10	8	–	7	6
		Flow (gpm)*	45.2	35.6	27.0	21.4	18	12.9	–	9.1	6.8
X4200 Series	215 HP	Pressure (psi)	6,000	8,000	10,000	12,500	15,000	20,000	–	30,000	40,000
		Plunger Size (no.)	15	13	12	11	10	9	–	7	6
		Flow (gpm)*	50.3	39.8	32.2	27.0	21.5	17.0	–	10.0	8.0
	250 HP	Pressure (psi)	6,000	8,000	10,000	12,500	15,000	20,000	–	30,000	40,000
		Plunger Size (no.)	16	15	13	12	11	10	–	8	7
		Flow (gpm)*	62.1	48.6	38.7	31.3	26.3	19.4	–	11.9	9.7
325 HP	Pressure (psi)	6,000	8,000	10,000	12,500	15,000	20,000	–	30,000	40,000	
	Plunger Size (no.)	–	16	15	13	12	11	–	–	8	
	Flow (gpm)*	–	62.1	50.1	39.7	32.0	25.1	–	–	11.9	
X6000 Series	500 HP	Pressure (psi)	6,000	8,000	12,500	15,000	20,000	–	–	–	–
		Plunger Size (no.)	21	19	16	–	–	–	–	–	–
		Flow (gpm)*	115.5	92.8	64.1	–	–	–	–	–	–
	600 HP	Pressure (psi)	8,000	10,000	12,500	15,000	20,000	–	–	–	–
		Plunger Size (no.)	21	19	16	15	13	–	–	–	–
		Flow (gpm)*	115.4	92.8	64.1	61.7	46.1	–	–	–	–

* Flow values assume up to 10% inefficiency resulting from mechanical power transfer and do not account for compressibility of water.
Actual output will vary based on the performance specifications of the engine (or motor), drive sheave ratio, and actual working pressure.

Your Waterblast Solutions Provider



Electric

Ideal for waterblast applications within process plants, industrial operations and military environments. Available as stationary skids or steerable in-plant trailers.



5000Q

The most versatile and cost effective 500 horsepower waterblast system available.



Compact design diesel waterblast systems are engineered to meet stringent, European equipment requirements. Available from 125 to 300 horsepower with footprints as small as 4' x 7'.



Offshore Skids

With a host of unique features, these machines are certified to perform to the rigorous offshore standards



Containerized advanced waterjetting systems combine an innovative pump with advanced controls and a host of engineered features.



Gonzales, LA
(225) 647-0660

LaPorte, TX
(281) 674-8668

Long Beach, CA
(866) 515-9891

Highland, IN
(219) 924-3180

Streator, IL
(815) 672-6028

New Brunswick, NJ
(732) 448-7830



Lakewood, WA
(253) 584-0653

Williston, ND
(701) 572-7421

Lexington, SC
(803) 996-0741

Toledo, OH
(888) 415-7368

Leeds, AL
(800) 822-8785

Midland, TX
(432) 563-4450

Jetstream of Houston, LLP

5905 Thomas Rd. • Houston, TX 77041

Phone: (832) 590-1300 • Fax: (832) 590-1304 • Toll Free: (800) 231-8192

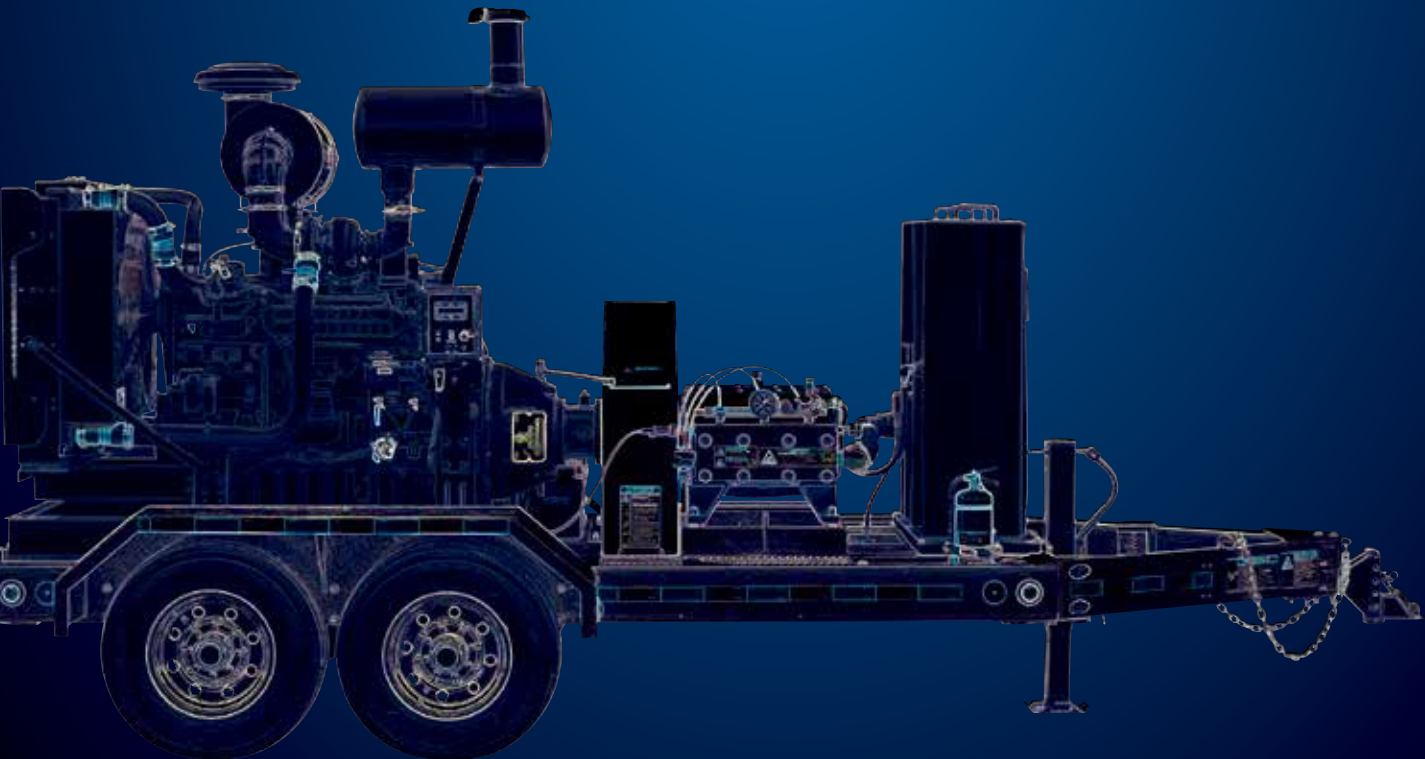
www.waterblast.com

Copyright Jetstream of Houston, LLP ©2011

Effective 8/2011
P/N J70294 S/N 20047-A
Specifications and standard equipment listed are subject to change without notice. Some photos are shown with optional equipment.
JET-052 NEWP SM 7/11



The X-treme Duty Line
of Waterblasting Systems



The X-Series waterblasting systems from Jetstream are engineered to outperform and outlast any other unit of its kind.

What happens when Jetstream takes the toughest waterblasting system in the industry and improves it from end to end? You get an X-treme duty unit with enhanced performance ... superior durability ... and unsurpassed operating efficiency. Welcome to Jetstream's X-Series waterblasting systems.

The X-Series represents the best of the best in waterblast equipment.

The X-Series units deliver a host of engineered improvements. One of the most notable changes is the new Guardian™ water tank and filter system. The Guardian's integrated design helps extend system life, while larger filters help extend on-site operating time.

Like all Jetstream waterblast systems, the X-Series is built around the UNx® Pump: the most efficient, easy-to-use, and versatile waterblast pump available.

You still have a choice of skid or trailer mounted units. And you still have Jetstream's exceptional customer service team and service facilities to support you day and night.

We invite you to explore all the enhancements and operating features of the Jetstream X-Series. Together, they can take your waterblasting operations to an X-treme level of performance and operating efficiency.



High-Performance Diesel Engines

- choice of John Deere, Cummins or Caterpillar
- open power unit keeps engine cooler and provides easy access for maintenance

Safety Features

- comprehensive safety decal package
- conspicuity tape surrounds entire frame

High-Capacity Aluminum Fuel Tank

- reduced dry weight
- resists corrosion
- longer runs between refueling

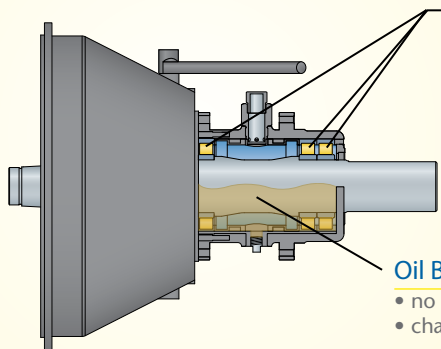
Powerband Belt Drive

- dual five band belts
- high torque carrying capabilities

Greaseless Spread Bearing PTO

Heavy-duty bearings (spaced widely apart) and oil-bath lubrication differentiate this spread bearing PTO from the typical pilot bearing model. This field proven design offers highly reliable power transmission and reduced maintenance time. Now daily greasing is eliminated in favor of regular oil changes.

X4200 Series only.



Large Spread Bearings

- opposing roller bearings provide reliable power transmission
- no pilot bearing — the “weakest link” in typical PTO's

Oil Bath Lubrication

- no daily greasing
- changed with engine oil

Power End Dependability

- ductile iron power frame
- largest bearings in the industry
- high-strength crankshaft



Shorter Wheelbase

- improves trailer travel through tight turns
- helps minimize tire scrubbing

Forward Water Tank Location

improves weight distribution with lower center of gravity

Low Profile Trailer

just 26" to top of frame for lower center of gravity

Adjustable Hitch Height

for safe, level hauling behind different vehicles

Sealed Control Panel

full instrumentation at your fingertips:

- hour meter
- tachometer
- oil pressure
- voltmeter
- water temperature

Lifetime LED Trailer Lights

- weather sealed
- corrosion resistant
- lights up faster, brighter

10-gauge Galvanized Steel Fenders

EZ-Lube Hubs

lubricate wheel bearings quickly via standard grease fitting

Safety Shutdown Systems*

protect against low oil pressure and high temperature

Torsion-Style Axles

smoother towing while providing lower trailer profile

Improved Pump Access

unobstructed access to fluid end for performing pressure conversion or routine maintenance

Hydro-Throttle Control*

- saves fuel and engine wear
- manual throttle override to maintain set engine speed

UNx® Fluid End

Jetstream's patented system designed for fast conversion from 5,000 to 40,000 PSI operating pressures

Trailer Wiring

- completely weatherproof harness and connectors
- protective grommets runs

Center-mounted Trailer Jack

rated at 12,000 lb



Diesel Unit Options

- stationary skid
- 6,000 to 40,000 PSI conversion kits
- Safety Watch remote shutdown system
- regulator valve for shut-in applications
- electric or hydraulic brakes
- gooseneck trailer
- spare tire package
- diamond-plate protective fender tops
- workbench and industrial strength vise
- forklift pads
- powder-coated or polished aluminum wheels
- packing lube water recirculation package
- charge pump**
- engine enclosure
- air compressor package

- safety package
- fuel saving Hydro-Throttle
- special application units (i.e. oil field test pumps and hot water units)

Accessories

Jetstream carries a full line of accessories for industrial waterblasting applications. Contact Jetstream for the latest accessories catalogs.

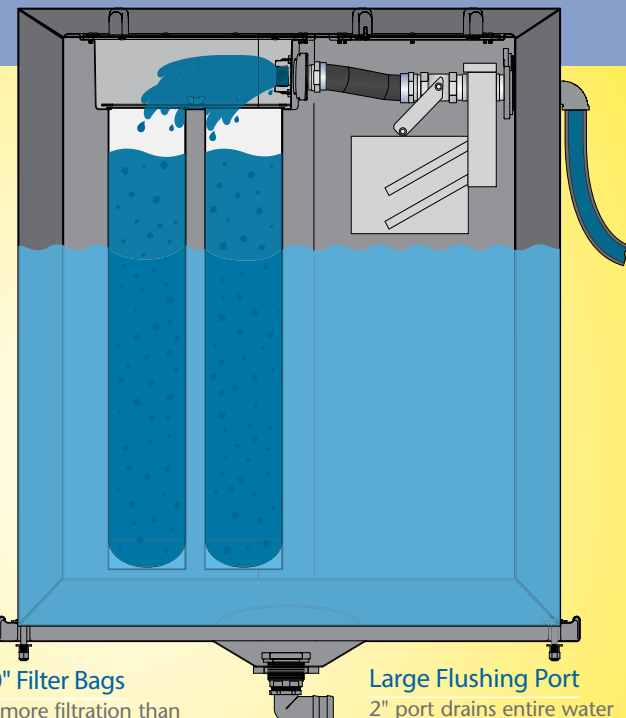
** standard on models equipped with 40,000 PSI fluid end

Jetstream's Guardian Waterblast Filtration System™

An integrated filter and water tank design that extends component life and increases operating uptime.

It's a fact: a quality water supply is critical to waterblast pump component life. Now the Guardian Filter System helps ensure a clean water supply — even when operating conditions vary.

Within this large, rugged tank, dual filters protect your waterblast pumps and components from abrasive dirt and contaminants. These extra long filters also require fewer filter changes — allowing you more time to get the job done!



Large, 100-Gallon Tank

- large reservoir eliminates entrained air that can damage pump components
- lightweight and highly durable
- large inlet plumbing

Dual 40" Filter Bags

- 270% more filtration than standard #2 filter
- require less frequent replacement

Hinged Lid

easy access to filter bags

Large Flushing Port

2" port drains entire water tank in just 90 seconds

Purpose-Built Fill Valve

- Handles widely varying supply Pressures
- Durable construction to withstand the rigor of transport

Low-Water Shut-Down

sealed float switch prevents pump cavitation



Protect waterblast pump components from contaminated water sources. The Guardian Filtration System is your best defense!

* optional