

**Jetstream**<sup>®</sup>  
Subsidiary of Federal Signal Corporation

# 6000 SERIES

Heavy Duty, Compact, High-Flow  
Waterblaster Series



# Jetstream® 6000 Series

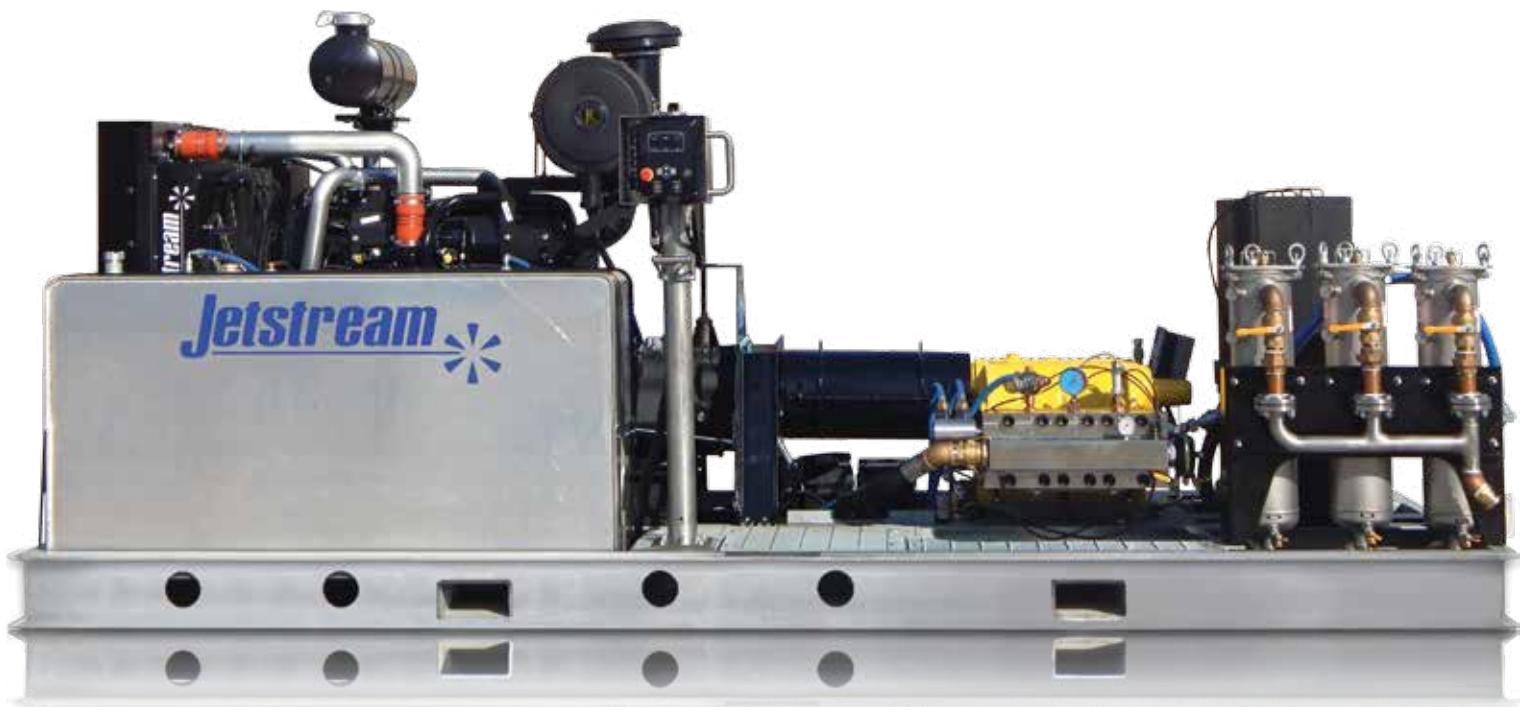
**The 6000 Series waterblasting system from Jetstream is engineered to outperform and outlast any other unit of its kind.**

What happens when Jetstream takes the toughest waterblasting system in the industry and offers 600 HP for high flow applications? You get the Jetstream 6000 Series with enhanced performance ... superior durability ... and undeniable reliability.

Like all Jetstream waterblast systems, the 6000 Series is built around the UNx® fluid end: the most efficient, easy-to-use, and versatile waterblast system available, capable of delivering output from 46.1 gpm (174.5 lpm) at 20,000 PSI (1379 bar) up to 115.5 gpm (437 lpm) at 8,000 PSI (551 bar).

Designed as the most compact in the industry measuring just 205" long x 78" wide, the Jetstream 6000 Series is available as a skid or trailer-mounted unit. And you still have Jetstream's exceptional customer service team and service facilities to support you day and night.

Let's explore how the uniquely engineered components all come together for an efficient, productive, high flow waterblasting unit.



Triple Filtration System



UNx Fluid End



Jetstream Guardian™ Water Tank

# 600 HP Waterblaster

## UNx® Fluid End

Jetstream's patented system for the 6000 Series is designed for fast conversion from 8,000 to 20,000 PSI operating pressures, providing unmatched performance and flexibility. For ease of maintenance, in-the-field versatility, or overall operating efficiency, nothing beats the UNx system.

- In-Line Uni-valve Cartridge
- Swing-down manifold for full component access
- Uni-Pak plunger packing set
- Convert to various pressures in the field with minimal downtime
- Engine driven charge pump to ensure the fluid end receives water at the correct pressure, regardless of the supply conditions

## High-Performance Diesel Engine

- A commanding 600 HP John Deere 13.5L engine manufactured in the U.S. with a bypass filtration system that extends oil drain interval
- Drive shaft shield closes with bracket and quick release pins – easily accessible for greasing drive shaft and maintenance
- Fuel filter, oil filter and dipstick, all in one easy to access location for quick engine maintenance

## Hydro-Throttle Control (Optional)

- Saves fuel and engine wear
- Manual throttle override to maintain set engine speed

## Sealed Control Panel

Full instrumentation is at your fingertips including critical pump safety features such as low oil pressure and high oil temperature shutdown. A moveable control panel for greater convenience of engine operations is standard. To monitor the engine, operating gauges include:

- Hour meter
- Tachometer
- Oil pressure
- Voltmeter
- Water temperature

## High-Capacity Aluminum Fuel Tank

- A 300 gallon tank with internal baffles
- Reduced dry weight
- Resists corrosion, no rust contamination
- Longer runs between refueling
- Removable for easy cleaning

## Pressure Lubricated Gear Drive Power End

- Compact design with internal gear reduction
- Integrated filter and magnet in the oil flow path to ensure a clean oil supply
- Water loop cooling to prevent overheating in all weather conditions
- Protection for the power end through low oil pressure and high temperature switches

Available with the popular and reliable Eaton RoadRanger® FRO-18210C Transmission.



[www.waterblast.com](http://www.waterblast.com)

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## Diesel Unit Options

- 8,000 to 20,000 PSI conversion kits
- Safety watch remote shutdown system
- Forklift tubes
- Charge pump
- Gooseneck trailer with spare tire package and electric brakes\* (Stationary skid-unit standard)
- Regulator valve for shut-in applications\*
- Fuel saving Hydro-Throttle\*

## Jetstream Guardian™ Water Tank

### Large 100-Gallon Guardian Water Tank

Durable, lightweight poly tank; resists cracking regardless of temperature due to the flex of the material.

- The tank allows water to de-aerate before entering the pump, extending the life of pump parts. The large reservoir eliminates entrained air that can damage pump components.
- A low water level switch prevents cavitation related to an inadequate water supply.
- Large diameter inlet plumbing.

### Triple Filtration System

- Triple, 200 gpm filters are standard – the first in its class.
- Easy-to-use multi-filter setup, unlike difficult-to-operate competitive systems that are susceptible to accidental water supply shut off.
- The 6000 Series filtration system allows for continuous operation during filter changes.

### High Flow Water System Charge Pump

- Includes a stainless steel, permanently lubricated charge pump.
- Belt: spring-loaded and easy to tension without over-tensioning.

### Fill Valve

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

Fluid End Plunger Size	Operating Pressure		Pump Flow	
	psi	bar	gpm	lpm
#13	20,000	1379	46.1	174.5
#15	15,000	1034	61.7	234
#16	14,500	1000	64.1	243
#19	10,000	689	92.7	351
#21	8,000	551	115.4	437

\*Optional



# The UNx Fluid End® Advantage

Contractors who live and breathe high-pressure water blasting demand the superior performance, 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.

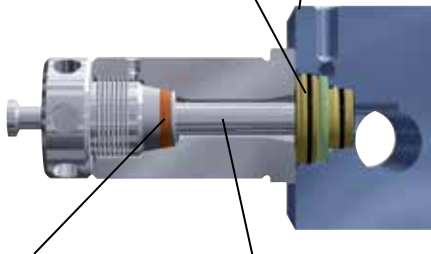
Engineered components streamline routine maintenance. Operating pressures can be changed in minutes — from 8,000 to 15,000 PSI — with the interchangeable UNx fluid end design.

## Uni-Valve Cartridge

- Self-contained suction and discharge valve assembly
- Slip-fit for easy maintenance
- In-line design minimizes turbulence

## Swing-Down Manifold

- Easy access to valves
- Weep holes indicate source of seal leaks



## Plunger Packing Set

- One-piece packing
- Tapered for easy removal
- Water lubricated — no oil

## Clamp-Style Plungers

- Specifically designed for the rigors associated with each operating pressure
- Clamp-on design for easy maintenance

## Fewer Parts, Fewer Problems



## Extremely Serviceable



Fewer parts, faster servicing. No special tools required.

- 5-minute packing change
- 15-minute valve cartridge change

## Remarkably Versatile



Various applications in less time with one convertible system.

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

## Accessories

As a leading provider of hands-free waterblasting solutions, Jetstream manufactures industrial high-pressure waterblasting equipment operated at pressures up to 40,000 psi for a wide range of applications, including hydro-demolition, industrial cleaning and surface preparation. Backed by strong after sales service and support, Jetstream product offerings include a complete line of skid- and trailer-mounted pump units, control guns, valves, hoses, replacement parts and nozzles. Contact Jetstream for the latest accessories catalogs.

The RightStart® program provides personal training with the purchase of your new waterblaster. Classroom and hands-on instruction by a RightStart technician helps your operators learn to use your new equipment with optimum efficiency and safety right from the start.



Jetstream products are also sold and serviced by FS Solutions, with 13 convenient locations across the U.S. FS Solutions provides high-performance parts, accessories, Jetstream rentals, repair, rebuild and safety and skills training. [fssolutionsgroup.com](http://fssolutionsgroup.com)

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