Serviceability.

Only Jetstream waterblast units give you the power to go from 10,000 to 20,000 to 40,000 psi in just a matter of minutes. The UNx pump comes standard on units and, with the appropriate conversion kits, is interchangeable to meet the demands of your toughest jobs.

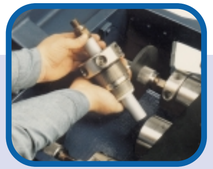
Versatility.

Whether it's an electric or a diesel unit, you have a versatile system that is essentially three units in one. That, coupled with ease of use and serviceability, makes a Jetstream convertible unit one very productive piece of equipment.

Simplicity.

Jetstream has been building waterblasting units for nearly 15 years, using the same simple cartridge-design expertise that made us an industry leader.

For more information, please consult with your local Jetstream representative or contact us at 800-231-8192.







Serviceability:

- Packing change within 5 minutes.
- Pop-out cartridge-valve change in 15 minutes.
- No special tools, equipment or specially trained mechanics required.

Versatility:

- Pressure range conversion on the job, in the field – in minutes.
- Change operating pressure from 10,000 psi to 20,000 psi to 40,000 psi.

Simplicity:

- Only 37 total parts.
- Uni-Valve one-piece cartridges include suction and discharge valves, seats, springs and seals.
- Swing-down manifold for easy access to components.

Diesel & Electric Units

Jetstream of Houston, LLP
4930 Cranswick
Houston, TX 77041
Toll-free in the U.S.A.: 800-231-8192
Telephone: 713-462-7000
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www.waterblast.com
www.federalsignal.com



Specifications

3000 Series	60 HP (1.15 SF)	Pressure (psi)	6,000	7,500	10,000	12,500	15,000	20,000	30,000	35,000	40,000
		Plunger No.	11	10	9	8	7	6	—	—	—
		Flow (gpm)	16.9	13.3	10.8	8.5	7.2	5.4	—	—	—
	75 HP (1.15 SF)	Pressure (psi)	6,000*	7,500	10,000	12,500	15,000	20,000	30,000	35,000	40,000
		Plunger No.	11	11	10	9	8	7	—	—	—
		Flow (gpm)	16.9	16.9	13.3	10.8	8.5	6.5	—	—	—
	100 HP (1.15 SF)	Pressure (psi)	6,000	7,500	10,000	12,500	15,000	20,000	30,000	35,000	40,000
		Plunger No.	11	11	10	9	8	7	—	—	—
		Flow (gpm)	21.3	21.3	16.8	13.6	10.8	8.2	—	—	—
	125 HP (1.15 SF)	Pressure (psi)	6,000	7,500	10,000	12,500	15,000	20,000*	30,000	35,000	40,000
		Plunger No.	11	11	11	10	9	7	—	—	—
		Flow (gpm)	21.3	21.3	21.3	16.8	13.6	8.2	—	—	—
3600 Series	125 HP (1.15 SF)	Pressure (psi)	6,000	7,500	10,000	12,500	15,000	20,000	30,000	35,000	40,000
		Plunger No.	15	13	12	11	10	8	—	—	6
		Flow (gpm)	34.1	27	21.8	18.3	14.5	9.7	—	—	5.4
	150 HP (1.15 SF)	Pressure (psi)	6,000	7,500	10,000	12,500	15,000	20,000	30,000	35,000	40,000
		Plunger No.	15	13	12	11	10	8	8	7	6
		Flow (gpm)	38.7	30.6	24.8	20.8	16.5	11	9.2	7.7	6.2
4200 Series	200 HP (1.15 SF)	Pressure (psi)	6,000	7,500	10,000	12,500	15,000	20,000	30,000	35,000	40,000
		Plunger No.	15	13	12	11	10	9	8	8	7
		Flow (gpm)	43.2	43.2	34.2	27.6	23.2	15.5	10.2	10.2	8.6
	250 HP (1.15 SF)	Pressure (psi)	6,000	7,500	10,000	12,500	15,000	20,000	30,000	35,000	40,000
		Plunger No.	15	15	15	13	12	10	8	8	8
		Flow (gpm)	41.9	41.9	41.9	33.2	26.8	17.9	10	10	10

*Depending on the application, there are other belt and sheave combinations that may be applicable for more horsepower utilization.

Some photos shown with optional equipment.

For more information, call 800-231-8192 or 713-462-7000, or visit us online at www.waterblast.com.

Electric Units:

Ideal for industrial plants and military environments, our electric units excel on the job in fixed locations. With available horsepower ranging from 60 hp to 250 hp, electric units can be custom-built to meet your exact needs in one of the configurations shown above. (T.E.F.C. available.)



Jetstream®

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Specifications and standard equipment listed are subject to change without notice. Some photos are shown with optional equipment.

Jetstream®

Subsidiary of Federal Signal Corporation

Advanced Waterblasting System



Experience the productivity of a Jetstream® convertible unit.

Jetstream convertible units are the most productive on the market, giving you the power to switch from 10,000 to 20,000 to 40,000 psi in only a matter of minutes. As a result, one unit does the work of three, reducing your overall cost of operation.

Unlike competitive units, Jetstream models integrate only those components appropriate to the level of pressure you're using, so an operator can never make the mistake of running 20K with a 10K component. Designed for improved safety, our components are engineered for an exact fit and cannot be accidentally inserted backwards and operated incorrectly.

Whether it's quick conversion time, less downtime, or easy regular and preventive maintenance, nothing else adds up to the advantages Jetstream units offer.

Plus, we design units specific to your requirements. While we feature an exclusive, four-year warranty on units powered by John Deere® diesel engines, we also offer units that are electric-powered, skid-mounted, truck-mounted or trailer-mounted for your convenience.

The Jetstream network of service technicians and experts is only a phone call away. With national service centers located in Houston, TX, Birmingham, AL, and Streator, IL, we are uniquely positioned to respond to your most urgent needs.

A waterblasting system's performance is determined by how effectively the individual components work together. Jetstream's Advanced Waterblasting System includes three key system components: the engine and powertrain, the frame assembly, and the water system.

Engine and Powertrain:

- High-performance John Deere engine with standard four-year warranty (optional Cummins® or Caterpillar® engines available).
- Adjustable hydro-throttle for increased safety.
- Manual throttle override.
- Low oil pressure/high water temperature shutdown system.
- Full instrumentation, including hour meter, tachometer, oil pressure gauge, amp meter and water temperature gauge.
- PTO support plate for increased PTO life.

Frame Assembly:

- Rugged, heavy-duty, structural steel, galvanized frames and fenders to prevent rust.
- Predrilled, standardized frame design allows field installation of retrofit options (i.e., charge pump, air compressors, workbenches, fluid-end conversion supports, hose racks).
- Center-mounted trailer jack stand rated at 10,000 lb.
- Adjustable hitch height.
- Automotive-grade polyurethane coatings on all nongalvanized components.
- Sealed, weatherproof trailer electrical wiring and lights for added reliability.
- Steel-belted radial tires and powder-coated steel wheels.
- Torsion-style axles for low center of gravity and smoother towing.
- Galvanized, lockable tool cabinet with stainless-steel hardware for tools and/or fluid-end conversion storage.
- Aluminum fuel tank for corrosion resistance and reduced weight.

Water System:

- Jetstream's patented UNx fluid end.
- Unique uni-valve design.
- Hinged manifold.
- Water-lubricated to eliminate need for high-maintenance oiler.
- Fully galvanized and baffled steel water tank.
- Adjustable bypass valve to regulate system pressure.
- Forged-steel crankshaft.
- Flush-mounted, encased oil sight gauge.
- Pilot-operated float valve.
- Sealed, low water shutdown sensor.
- Severe-service, tungsten carbide relief valve and complete rupture disk assembly for operator and equipment safety.
- Hinged steel rod box access cover.
- Efficient valve design eliminates need for charge pump.



Specifications

3000 Series	110 HP	Pressure (psi)	6,000	7,500	10,000	12,000	15,000	20,000	30,000	40,000
		Plunger No.	11	10	9	8	7	6	—	—
		Flow (gpm)	23.2	18.4	14.9	11.8	9.9	7.4	—	—
	125 HP	Pressure (psi)	6,000	7,500	10,000	12,000	15,000	20,000	30,000	40,000
		Plunger No.	—	11	10	9	8	7	—	—
		Flow (gpm)	—	23.2	18.4	14.9	11.8	9	—	—
3600 Series	152 HP	Pressure (psi)	5,000	7,000	10,000	12,000	15,000	20,000	30,000	40,000
		Plunger No.	15	13	11	10	9	8	—	—
		Flow (gpm)	43.6	32.6	23.5	19.4	15.7	11.8	—	—
	174 HP	Pressure (psi)	6,000	7,500	10,000	12,000	15,000	20,000	30,000	40,000
		Plunger No.	15	13	12	11	10	8	7	6
		Flow (gpm)	43.6	34.6	27.8	22.5	18.3	12.4	8.2	6.7
4200 Series	215 HP	Pressure (psi)	6,000	8,000	10,000	12,500	15,000	20,000	30,000	40,000
		Plunger No.	15	13	12	11	10	8	7	6
		Flow (gpm)	48.7	38.6	31.2	26.2	20.8	14.3	9.7	7.8
	260 HP	Pressure (psi)	6,000	8,000	10,000	12,500	15,000	20,000	30,000	40,000
		Plunger No.	16	15	13	12	11	9	8	7
		Flow (gpm)	60.4	48.7	38.6	31.2	26.1	17.5	11.5	9.7
	300 HP	Pressure (psi)	6,000	7,500	10,000	12,000	15,000	20,000	30,000	40,000
		Plunger No.	—	16	15	13	12	10	—	8
		Flow (gpm)	—	60.4	48.1	38.9	31.2	21.4	—	11.5

UNx BENEFITS:

In-Line Uni-Valve Cartridge

- High volumetric efficiency for all pressures.
- "Slip-fit" for easy access.
- No special tools required.
- Completely repairable and serviceable.
- All seals monitored by weep hole.
- Swing-down, hinged manifold allows full access to components.
- Torque-free manifold design.

Uni-Pak Plunger Packing Set

- One-piece packing/one-piece brass.
- Tapered packing for longer life and easier installation and removal.
- Automatic water lubrication – no oil or pump needed.

On-Site Pressure Conversion

- Up to 40,000 psi.
- Allows for high pressure/low volume or high volume/low pressure.
- Converts in field without excessive downtime.
- One pump handles multiple applications.

OPTIONS/ ACCESSORIES:

Diesel Unit Options

- Special application units (i.e., oil field test pumps and hot water units).
- Steerable, four-wheel trailer.
- Four-wheel or gooseneck hitch, tandem trailer.
- Electric or hydraulic brakes.
- 6,000-40,000 psi conversion kits.
- Conversion storage box (stores complete fluid-end conversion kit).
- ICC weatherproof lighting package.
- Spare tire package.
- High-flow, stainless-steel filter assembly.
- Diamond plate fenders.
- 12,000 lb. lifting bail capacity.
- Hose racks for storage and transport (fit up to 200 ft. of hose).
- Workbench and industrial-strength vise (2.5 ft. x 5 ft.).
- Forklift pads.
- Safety watch shutdown system.
- Regulator valve shut-in system.
- Available engine enclosure options.

Diesel Unit Accessories

Jetstream carries a full line of 10, 20 and 40K accessories for industrial waterblasting applications. Listed below are just a few of the most popular accessories available.

- DuraSafe™ control guns (hand or foot).
- Multi-gun valves.
- Twist-Lok quick disconnect.
- Safety lances and hoses.
- Spinning nozzles tube/surface.
- Abrasive induction system.
- Safety apparel.