

# The UNx<sup>®</sup> Fluid End 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 550 to 2750 bar — with the UNx interchangeable fluid end design.



# IX100

Compact Waterblasting System

## Simple

Fewer parts – Fewer problems



Jetstream

## Serviceable

Reduces downtime



5-minute packing change

## Versatile

Pressure-convertible



Pressures from 550 to 2750 bar



The other guys



15-minute valve cartridge change

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.

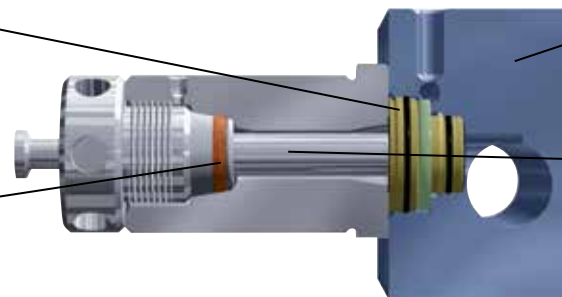
## Simple & Dependable

### 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



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



# The IX100 Series compact waterblasting system from Jetstream is engineered to offer a simple, dependable, and versatile machine to operators around the world.

To develop the IX100 waterblasting system, Jetstream consulted with waterblast operators around the world. The IX100 incorporates a host of features to serve a global market without compromising our commitment to provide products that are simple to operate and maintain.

**Built around the Jetstream UNx® waterblast pump, the IX100 provides reliable, continuous service without the overwhelming complexity found in other pumps.**

For more than twenty years, UNx pumps, in service on six continents, have proven that pump maintenance can be performed quickly and easily by operators in the field without compromising durability. By adding additional fluid ends that can be installed in just minutes, without special tools, one machine can cover a full range of operating pressures.



Pump Series	Plunger Size	Pressure (bar)	Flow (l/min)
3015	11	550	89
	10	700	70
	9	850	56
	8	1000	45
3020	7	1400	35
3040	5	2500	20
	5	2750	18

## Optional Features

- Bypass or regulator valve
- Charge pump\*
- Secondary polishing filter\*
- Inlet regulator
- Insulated exhaust system
- Extended run fuel tank
- Remote E-stop
- Lube water recirculation pump
- Air compressor

\*Required for 2750 bar pumps

## High Performance 93kW Tier III Engine

Choice of Cummins or John Deere

## Sealed Control Panel

Full instrumentation at your fingertips:

- LCD display
- View all pertinent operating parameters
- Emergency stop

## Comprehensive Shutdown Systems

Protects equipment from damage

- Low water
- Low fuel
- Dirty water filter
- Engine fault
- Manual emergency stop
- Manual override inside panel

## Heavy-Duty Compact Frame

- Hot-dip galvanized for corrosion resistance
- Sturdy 8 in (203 mm) channel

## Choice of Control Valves

Bypass or regulator valve

## Forklift Slots

## Hydro-Throttle Control

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

## External Gear Drive

- Helical gears provide quieter, more efficient power transfer in compact package
- Direct-coupled to engine



## Water Supply System

- 190 liter water tank
- Stainless steel water filter
- Brass fittings for corrosion resistance

## Safety Features

- Dual rupture disc assemblies prevent extreme over-pressurization
- Fully-guarded moving parts

## UNx® Pump

- 550 to 2750 bar fluid ends (details on back)
- Continuous-duty power end
- Lockable rod box cover

## High Capacity Fuel Tank

- 190 liter fuel capacity
- Integrated within frame

## Parts Tray

Secure parts during maintenance

