



NX-365 Pump

Patented*





Toll-free: 855.PSI.5055
www.psipressuresystems.com

Lowest Cost of Operation Pump in the Industry

Safest Pump in the Industry

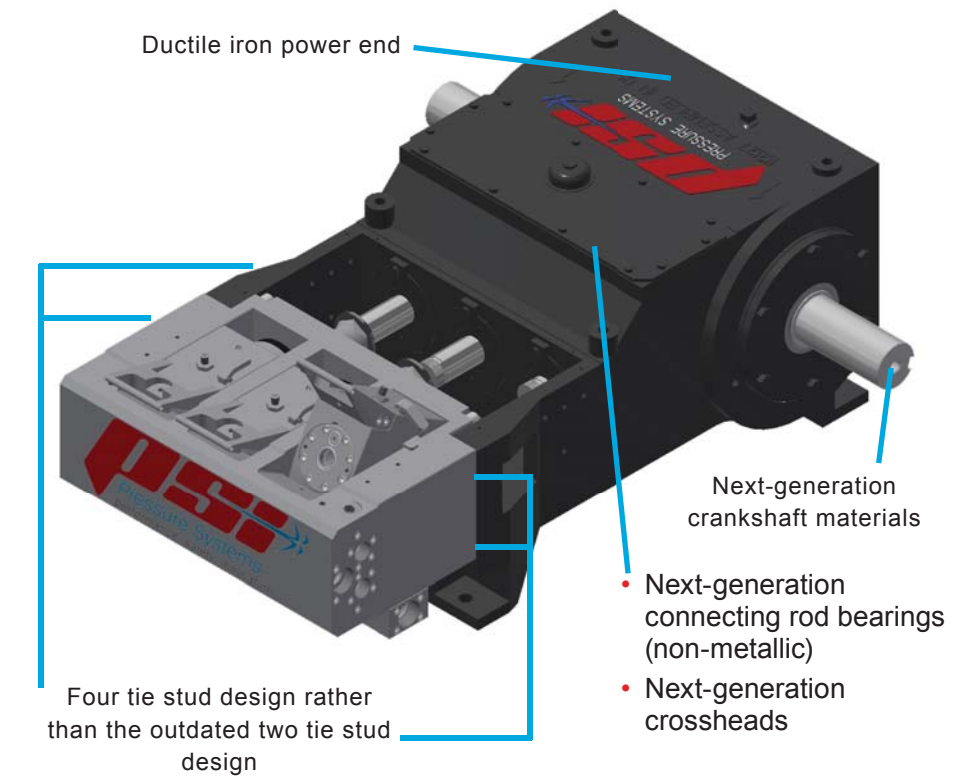
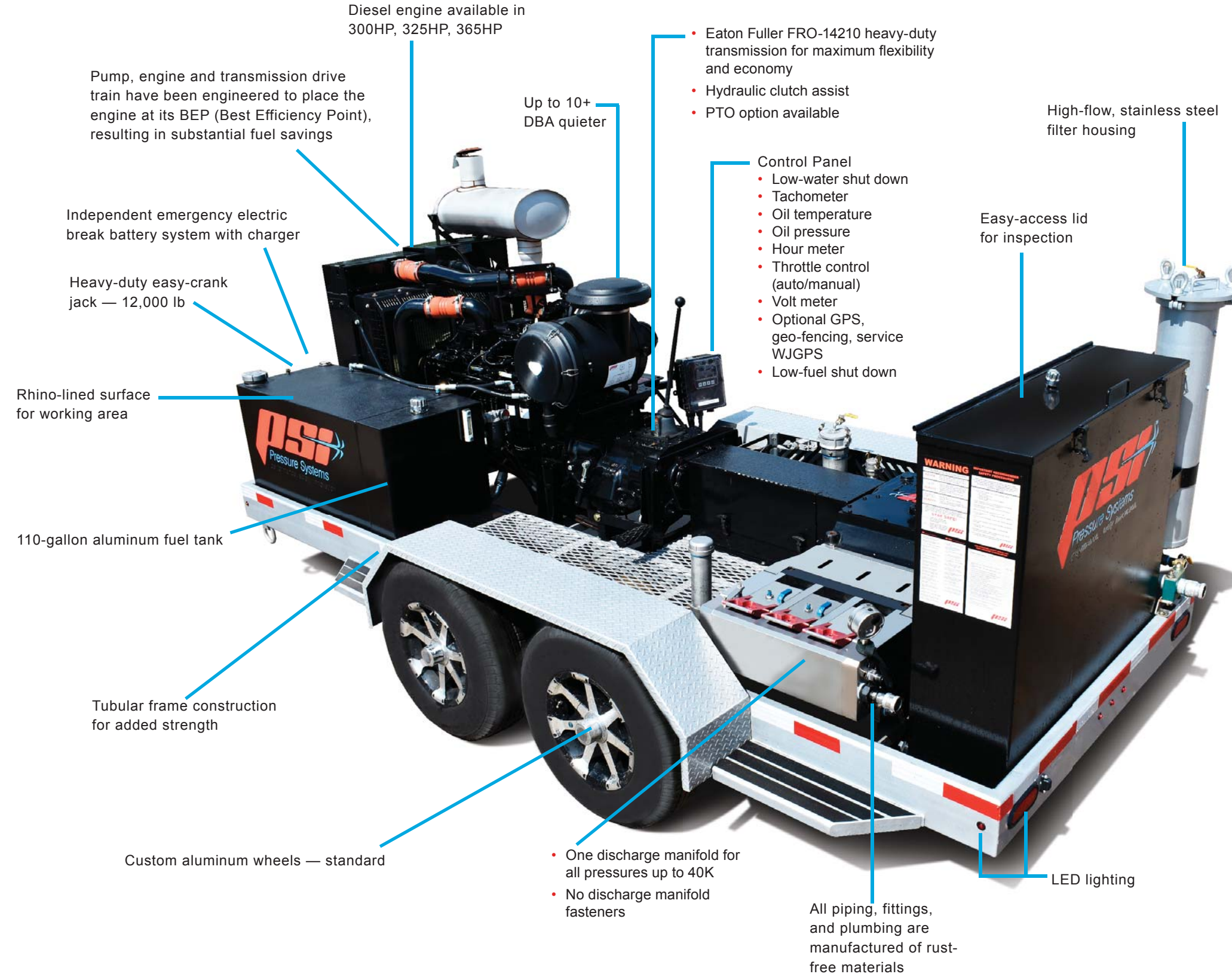
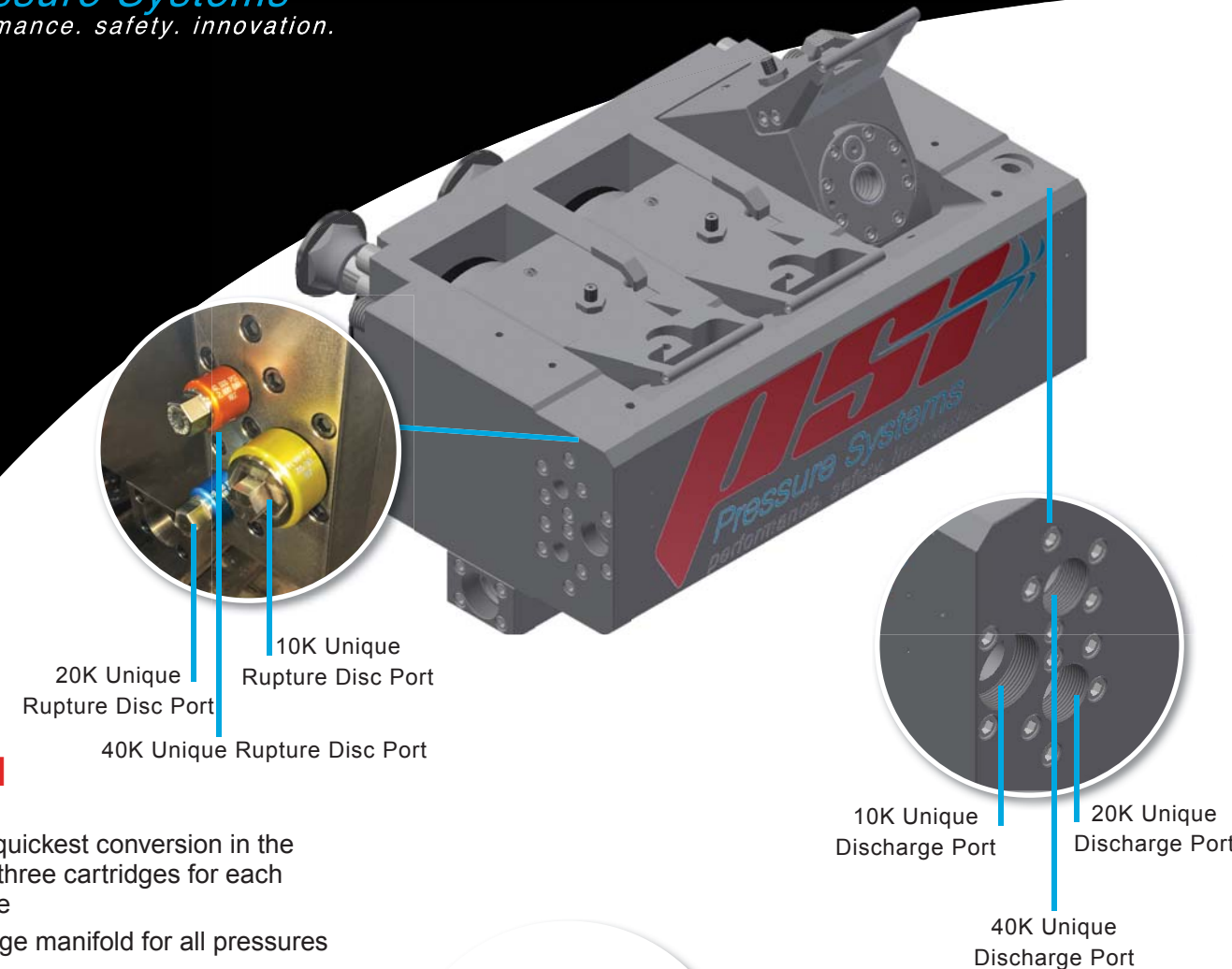
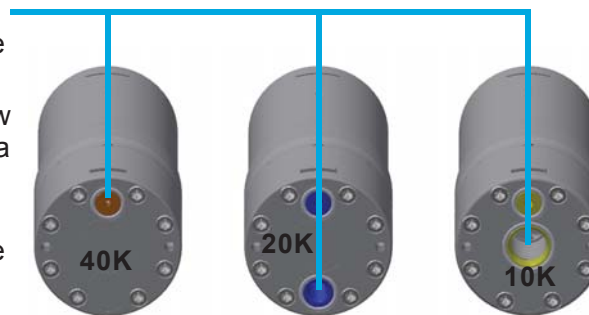
Quickest Conversion in the Industry

Fluid End Patented*

- Simplest and quickest conversion in the industry; only three cartridges for each pressure range
- Single discharge manifold for all pressures up to 40K
- The NX-Series accessory block is designed to operate at all pressures up to 40K
- Unique pressure-specific conversion cartridge assemblies simply lift out during the conversion process
- NX-Series pump will not build pressure unless all three cartridges installed are of the same pressure rating
- NX-Series pump cannot be operated at any pressure higher than components installed (cannot operate 10K components above 10K, cannot utilize 20K or 40K discharge port for 10K components)
- Unique discharge ports mean quick conversion and no need to change out or hunt for fittings — they are always in the NX-Series pump
- Optional plungers made of high-density shatter-resistant carbide are available
- Ask about our cartridge maintenance/exchange program

NX-Series Cartridge Assembly

- Specific discharge port for each pressure range 10K, 20K, 40K
- NX pump will not allow a 20K rupture disc in a 10K or 40K holder
- Unique port, unique size for each pressure range



Power End

- Newest design power end in the water blast industry
- Made of ductile iron
- Engineered and manufactured to exacting tolerances per PSI Pressure Systems' specifications
- Higher frame loading capability as engineered by PSI Pressure Systems
- Higher horsepower carrying capability
- Features four tie stud fluid end to power end design
- Crankshaft, connecting rods, and crossheads made from PSI engineered "next-generation" materials for longer lasting life
- Power end is interchangeable with Union Pump and NLB Corp. power ends
- Replacement parts are interchangeable with Union Pump and NLB Corp. power ends

NX-365 Pump Performance Chart - 365 HP

Frame Load 18,500 lbf (82,292 N), 3 Cylinders

psi (bar)	Flow gpm (lpm)	Plunger Diameter in (cm)
8,000 (500)	66.3 (251.0)	1.7159 (4.3584)
10,000 (700)	53.0 (200.6)	1.5348 (3.8983)
15,000 (1000)	35.4 (134.0)	1.2531 (3.1829)
20,000 (1400)	26.5 (99.9)	1.0852 (2.7565)
35,000 (2400)	15.2 (57.5)	0.8204 (2.0837)
40,000 (2800)	13.3 (50.3)	0.7674 (1.9491)

NX-365 Transmission Chart - 365 HP

psi (bar)	Gear(s)				
	1	2	3	4	5
	Ratio				
	11.06	8.19	6.05	4.46	3.34
	Pump RPM				
	157	212	287	389	519
8,000 (500)	20.0	27.0	36.6	49.7	66.3
10,000 (700)	16.0	21.6	29.3	39.7	53.0
15,000 (1000)	10.7	14.4	19.5	26.5	35.4
20,000 (1400)	8.0	10.8	14.6	19.9	26.5
35,000 (2400)	4.6	6.2	8.4	11.3	15.2
40,000 (2800)	4.0	5.4	7.3	9.9	13.3

Future Global Distribution and Rental Network

PSI has a global presence
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local distributor.





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*Products in this literature may be covered by one or more of the following U.S. Patents: 9,285,040; 9,334,968; 9,371,919; 9,470,321 and D749,692; other U.S. Patents Pending.

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Baytown Headquarters featuring
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We stock all the accessories
you need.

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Smart Water Systems (SWS) is a specialized division of PSI Pressure Systems Corp. that is responsible for Research and Development, Manufacturing, Marketing and Sale of all fully automated and semi-automated systems for the water-blasting market.

SWS seeks out and explores innovative, best-in-class technologies from both inside and outside of the water-blasting market place to aid in the

ever-expanding progress of the industry. Above all, we're proud to be pioneers of groundbreaking development of new technologies right here in our Engineering and R&D departments. The PSI SWS team showcases a world of possibilities and promise within the walls of our high-tech facilities.

Our chief objective is to provide solutions to problems that have previously gone unsolved. Through our continued efforts to work alongside industrial contractors on a global scale, we will continue to bring to light issues and complications that have long concerned the water-blasting workplace and effectively eliminate them.

