The Growth Wre: Aftermarket Pump Services Market

November 2023



Aftermarket Pump Services Overview



- Despite the presence of multinational pump Original Equipment Manufacturers ("OEMs") with large captive service arms and a growing number of Private Equity-backed service platforms, the pump services market remains highly fragmented.
- Companies in this market serve a wide-range of end markets, including:
 - Water and Wastewater
 - Refining and Petrochemical
 - Pulp and Paper
 - Power Generation
 - Mining
- The independent players in the pump services market may also serve as distributors of OEM pumps and electrical equipment as well as act as authorized service providers for one or more pump OEMs.
- Oftentimes, pump service providers also offer repair services for other rotary equipment like motors and gearboxes.
- As shown on the following pages, we believe that the aftermarket pump services market will be positively impacted by:
 - Significant Federal funding to upgrade water and wastewater infrastructure in the U.S. as part of recent Covid-era stimulus programs
 - Continued growth of the OEM market
 - Growing water scarcity and water quality issues which will lead to system upgrades

Industrial Pump Market Overview



Significant Market Potential: The global industrial and infrastructure-related pump market, valued at a staggering ~\$70 billion in 2021, is projected to grow to an impressive ~\$121 billion by 2030, promising meaningful opportunities for industry players (new equipment and aftermarket).

Bouncing Back from Adversity: Despite the disruptive impact of the Covid-19 pandemic, the industrial and infrastructure-related pump market has shown remarkable resilience, rebounding to pre-pandemic levels in 2022 and 2023. This recovery has been aided by Federal infrastructure spending programs.

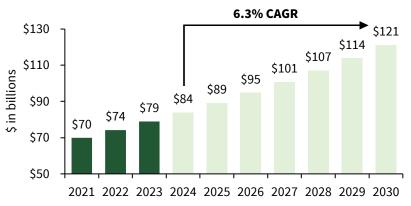
Fragmented Landscape: The OEM pump market and, to a greater degree, the aftermarket is highly fragmented and populated by specialized companies with significant engineering content, product application-specific design, and strong margins. In the aftermarket, the abundance of small founder, family, and entrepreneur-owned companies with under \$50 million in revenue makes for a compelling buy-and-build opportunity.

Empowering Innovations: The advent of transformative technologies like 3D printing and computer modeling has ushered in a new era of cutting-edge pump design, repair, and replacement developments. These groundbreaking advancements, along with IOT-based predictive maintenance technologies, will unlock exciting opportunities for future breakthroughs in new equipment and aftermarket services.

Addressing Environmental Imperatives: Growing concerns regarding the environmental impact of water scarcity and stricter government regulations on water quality will lead to system upgrades.

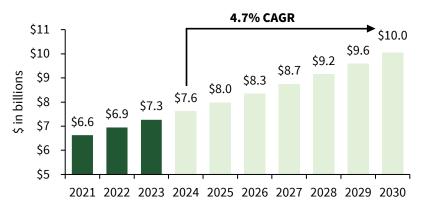
Global Industrial Pump Market Size

2021-2030



U.S. Industrial Pump Market Size

2021-2030



Sources: Mordor Intelligence, McKinsey & Company, May River Capital, Polaris Market Research, Grand View Research

Growing Funding for Wastewater Treatment and Supply



 Agencies such as the United States Department of Agriculture ("USDA"), the Environmental Protection Agency ("EPA"), the Department of Housing and Urban Development ("HUD"), and the Department of Commerce's Economic Development Administration ("EDA") have launched programs to improve water and wastewater infrastructure. These programs have been significantly helped by the Infrastructure Investment and Jobs Act ("IIJA").

United States Environmental Protection Agency	The IIJA allocates \$776 million for Clean Water State Revolving Fund ("SRF") capitalization grants, along with \$3 billion for the Drinking Water SRF program. Additionally, it designates \$863 million for wastewater infrastructure and \$609 million for drinking water infrastructure through "community project funding / congressionally directed spending," with each SRF program receiving a total of \$2.2 billion.							
USDA	The USDA has launched programs like the Rural Utilities Service's Water and Waste Disposal Program and the Rural Decentralized Water System Program. The Watershed and Flood Prevention Operations Program receives a substantial boost with an allocation of \$500 million from the IIJA. Lastly, the Small Watershed Rehabilitation Program is provided with \$118 million to rehabilitate dams originally constructed by The Natural Resources Conservation Service.							
CON A DEVELORM	The HUD Community Development Block Grant Program provides annual grants on a formula basis to states, cities, and counties to develop viable urban communities by providing funds to develop better public infrastructure. The program offers \$3.3 billion for community development, and water and wastewater projects are eligible under the criteria of the program.							
	The EDA allocated a budget of \$161 million for its Public Works and Economic Adjustment Assistance programs. These programs are designed to support various initiatives, including water and wastewater projects, which are critical for maintaining public health and promoting economic growth.							



• Although many pump OEMs and distributors provide some level of aftermarket service, below are some of the more prominent players in the space.





Company	Business Description					
DXP	DXP Enterprises, Inc. is a leading distributor of maintenance, repair, and operating (MRO) products, equipment, and services in the United States and Canada. The company operates through three segments: Service Centers, Supply Chain Services, and Innovative Pumping Solutions.					
DXP Enterprises, Inc. Houston, TX www.dxpe.com CEO: David Little Employees: 4,500 Ownership: Public	 <u>Comments:</u> DXP's service encompasses on-site repairs, off-site equipment repairs, preventative maintenance, root cause failure analysis, and engineering support, catering to various customer needs Acquired 15 companies in last three years Market cap of \$666.3 million 					

Company	Business Description					
EBARA	Ebara Corporation is a global company that specializes in the manufacturing and supply of pumps, compressors, turbines, and other industrial machinery. Ebara offers a wide range of products and solutions for various industries, including water supply, wastewater treatment, power generation, and semiconductor manufacturing. Ebara Corporation is known for its commitment to innovation, quality,					
EBARA Corporation	and sustainability, providing reliable and efficient equipment and services worldwide.					
Tokyo, Japan www.ebara.co.jp	 <u>Comments:</u> EBARA Pumps Americas Corporation (EPAC) is the U.S. sales and service subsidiary of EBARA 					
CEO: Masao Asami	Corporation					
Employees: 19,100	 Offers in-house service as well as a network of authorized service centers 					
Ownership: Public	 Acquired Hayward Gordon in 2022 to expand its North American footprint* Market cap of \$4.4 billion 					

*England advised Hayward Gordon on this transaction



Company	Business Description					
FLOWSERVE	Flowserve Corporation is a global leader in industrial flow management equipment. Their offerings include custom and pre-configured pumps, mechanical seals, valves, and automation solutions for controlling and managing the flow of liquids, gases, and multi-phase fluids. With a wide range of aftermarket services, including repairs, upgrades, diagnostics, and asset management solutions,					
Flowserve Corporation Irving, TX www.flowserve.com	Flowserve ensures efficient and reliable operations for customers across the United States, the Middle East, Africa, Asia Pacific, and Europe.					
CEO: Robert Scott Rowe Employees: 16,000 Ownership: Public	 Owns 180 quick-response centers that provide aftermarket parts and services to customers Offers on-site repairs/maintenance as well as off-site equipment repairs Market cap of \$5.0 billion 					

Company	Business Description
KSB D.	KSB, Inc. manufactures, supplies, tests, repairs, and services pumps and pump parts. The company offers pumps and pump systems, mixers/agitators, valves, valve actuators/automation products, and CAD drawings for valves. It also provides service concepts, original spare parts, rotating equipment, field support, and consultancy services. The company serves power, industrial, desalination, water, and municipal and industrial wastewater sectors.
KSB, Inc.	municipal and mustifal wastewater sectors.
Richmond, VA	Common tes
www.ksb.com	Comments:
	 KSB SupremeServ US is an aftermarket pump service branch of KSB which boasts 150
CEO: Stephan Timmermann	specialists across 12 service centers across North America
Employees: 15,600	• Services include installation, commissioning, operation, and repair of pumps and rotating equipment,
Ownership: Public	available 24/7, regardless of the make or model of the equipment • Market cap of \$1.1 billion



Company	Business Description					
OTC Industrial	Ohio Transmission Corporation is a prominent industrial distributor and service provider in the United States. With 40 brands, 60 locations, and over 2,000 associates nationwide, OTC specializes in delivering customized solutions for customers across various industries, including motion control, factory automation, pump systems, fluid power, and more.					
Technologies Columbus, Ohio www.otcindustrial.com	 Comments: Has acquired 14 service centers across the U.S. in the last 10 years* Backed by Genstar Capital, LLC 					
CEO: Bill Canady						
Employees: 2,000						
Ownership: PE Backed						

Company	Business Description
SPXFLOW	SPX FLOW, Inc. specializes in process technology solutions, serving diverse industries through two segments: Nutrition and Health, and Precision Solutions. SPX Flow offers a comprehensive range of products, including homogenizers, valves, separators, heat exchangers, and more, along with aftermarket services under various well-known brand names.
SPX Flow Charlotte, N.C www.spxflow.com CEO: Marc Michael Employees: 4,200 Ownership: PE Backed	 <u>Comments:</u> Operations in more than 25 countries, including manufacturing sites, innovation centers, and service centers Backed by Lone Star Funds

*Includes acquisition of Laron Incorporated in 2020. England advised Laron on this transaction



Company	Business Description					
SULZER	Sulzer is a leading global provider of pumps, equipment, and services for various industries, including oi and gas, water, and power. Sulzer offers a wide range of products, such as pumps, agitators, mixers, and turbomachinery, along with specialized services for maintenance, repairs, and upgrades. With a focus or technological advancements and customer-driven solutions, Sulzer is dedicated to optimizing processes and enhancing efficiency for their clients worldwide.					
Winterthur, Switzerland www.sulzer.com CEO: Suzanne Thoma Employees: 12,900 Ownership: Public	 Comments: Operating one of the largest service networks in the industry, more than 100 service locations and more than 3,600 employees in their service department 22 service locations in the U.S. alone Market cap of \$3.3 billion 					

Company	Business Description
Trillium Flow Technologies Glasgow, UK www.trilliumflow.com CEO: David Paradis Employees: 3,000 Ownership: PE-Backed	 With a strong commitment to excellence and a legacy of premier products and aftermarket services, Trillium Flow Technologies offers a comprehensive range of solutions, ensuring seamless operations across various industries. From installation and commissioning to testing services, their expertise is trusted in oil and gas, power generation, water and wastewater, and general industry sectors, delivering unmatched reliability and performance. Comments: Trillium Flow Technologies has 24 service shops globally Formerly a subsidiary of Weir Group but was acquired by First Reserve in 2019

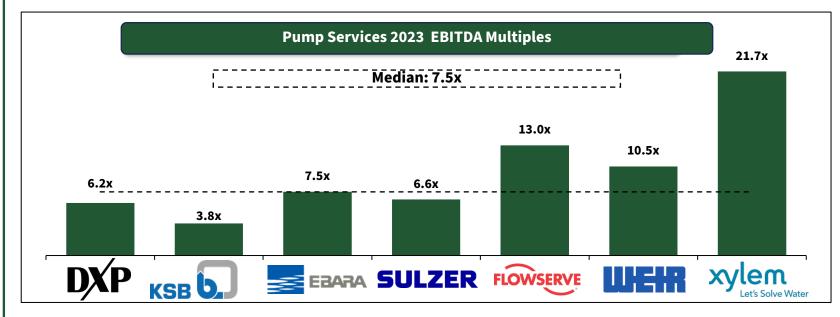


Company	Business Description					
WEHR	The Weir Group PLC is a global provider of highly engineered original equipment operating in the Minerals and ESCO segments. Weir offers processing technology for mining applications and ground- engaging tools, AI, and 3D machine vision for mining and infrastructure markets, along with aftermarket services and wear parts.					
Weir Group Glasgow, UK www.global.weir CEO: John Stanton Employees: 15,000 Ownership: Public	 <u>Comments:</u> Global support network that spans more than 60 countries worldwide Across a network of 160+ facilities, a wide array of services are offered Market cap of \$6.2 billion 					

Company	Business Description				
Xylem Inc. Washington, DC	Xylem Inc. is a global leader in designing, manufacturing, and servicing engineered products and solutions for water and wastewater applications. With three primary segments - Water Infrastructure, Applied Water, and Measurement & Control Solutions - Xylem offers a range of water transportation, treatment, and monitoring solutions. The company's diverse portfolio, featuring brand names like Flygt, Goulds Water Technology, and Sensus, enables Xylem to address residential, commercial, industrial, and critical infrastructure needs across the United States, Europe, the Asia Pacific, and beyond.				
www.xylem.com	Comments:				
CEO: Patrick K. Decker	• Leveraging industry-leading brand names like Flygt, Godwin, and Leopold, Xylem excels in delivering				
Employees: 17,600	high-quality pump repair services through its renowned Xylem TotalCare program				
Ownership: Public	 Xylem boasts more than 350 global locations for sales and service Market cap of \$26.8 billion 				

Pump Service – Public Comparables





Public Comps	Market	Enterprise	EV/Rev	enue	EV/EBITDA	Gross Margin	EBITDA Margin
(\$USD in millions)	Value	Value	LTM 2	2023E	LTM 2023E	LTM 2023E	LTM 2023E
Xylem Inc.	\$26,796	\$27,918	4.6x	3.9x	29.8x 21.7x	37.9% 38.7%	15.5% 18.0%
The Weir Group PLC	6,194	7,280	2.1x	2.1x	13.6x 10.5x	35.9% 37.0%	15.7% 20.2%
Flowserve Corporation	4,973	6,067	1.5x	1.5x	14.9x 13.0x	29.3% 30.6%	10.3% 11.4%
Ebara Corporation	4,387	4,528	0.9x	0.9x	6.5x 6.6x	30.6% 31.1%	14.0% 13.2%
Sulzer Ltd	3,310	3,663	1.0x	0.9x	8.7x 7.5x	31.4% 31.7%	11.4% 12.5%
KSB SE & Co. KGaA	1,177	1,212	0.4x	0.4x	4.9x 3.8x	53.5% 58.4%	8.8% 10.5%
DXP Enterprises, Inc.	666	1,077	0.7x	0.6x	7.7x 6.2x	28.5% 28.0%	8.9% 9.3%
Median			1.0x	0.9x	8.7x 7.5x	31.4% 31.7%	11.4% 12.5%
Mean			1.6 x	1.5x	12.3x 9.9x	35.3% 36.5%	12.1% 13.6%

As of August 1, 2023

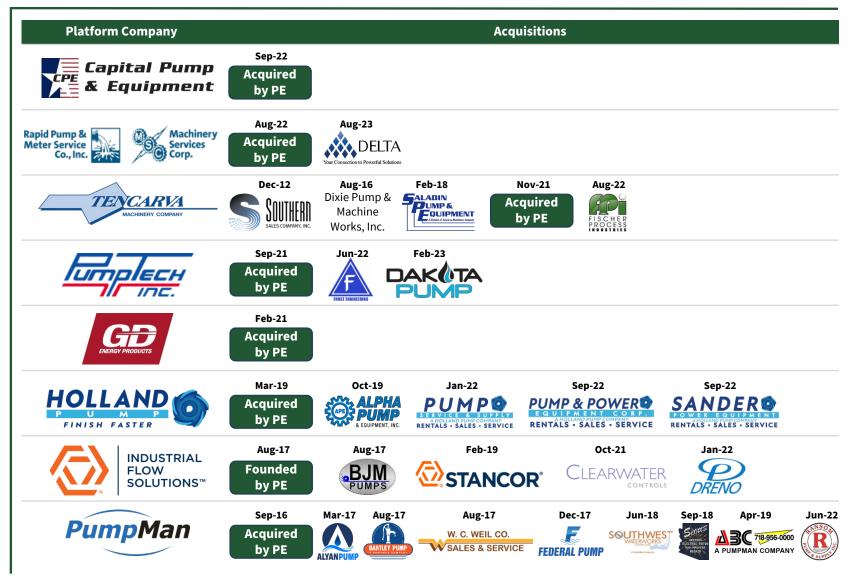
Significant PE-Backed Pump Services Platforms





Evolution of PE-Backed Platforms





Descriptions of Platform Companies



Platform Company	Company Description	Date Backed
Capital Pump	Capital Pump & Equipment, LLC provides pump rental and sales services that serve the municipal, mining, industrial, oil and gas, agriculture, and construction markets. Offering services that includes shop repair, field service, fabrication and packaging.	Sep-22
Rapid Pump & Meter Service Co., Inc.	Rapid Pump & Meter Service Co., Inc. is a distributor of industrial pumps and motors, providing a range of pump types and related services, including installation, repair, maintenance, fabrication, and rentals.	Aug-22
TENCARVA MACHINERY COMPANY	Tencarva Machinery specializes in pump repair and service, offering expert engineering advice and a substantial inventory to ensure operational efficiency for industrial clients in various states.	Nov-21
	PumpTech Inc. is a distributor of pumping products and systems in the Pacific Northwest. PumpTech offers engineering, fabrication, installation, and pump repair services, specializing in packaged pumping and chemical metering systems.	Sep-21
ENERGY PRODUCTS	GD Energy Products specializes in designing, manufacturing, and servicing a variety of pumps and equipment. GD also provides repair, maintenance, inspections, plumbing, and pump training through Pump University.	Feb-21
	Ohio Transmission Corporation is a service provider with 40 brands, 60 locations, and over 2,000 associates nationwide. OTC specializes in delivering customized solutions for motion control, factory automation, pump systems, fluid power, and more.	Apr-19
HOLLAND FINISH FASTER	Holland Pump Company provides a wide range of pump repair and servicing solutions for various applications, including infrastructure, agriculture, mining, marine, and industry. Holland offers comprehensive pump maintenance and support.	Mar-19
INDUSTRIAL FLOW SOLUTIONS™	Industrial Flow Solutions specializes in design, manufacturing, sales, and service of wastewater pumps and controls. The company has a strong focus on providing pump repair solutions for municipal, industrial, commercial, and residential applications.	Aug-17
PumpMan	PumpMan, Inc. provides pump systems, motors, pressure tanks, and filters and on-site maintenance, installation, and repair services.	Sep-16

Recent M&A Transactions



Close Date	Target	Target Description	Acquiror	Target Location
Nov-23		Alliance Pump & Mechanical Service is a provider of pump repair and maintenance services intended to serve the chemical, wastewater, municipal and general industrial markets	DXP	Independence, MO
Aug-23	Your Connection to Powerful Solutions	Delta Electro Power specializes in electric motors, pumps, controls, power transmissions, generators, and air compressors intended for commercial, municipal, industrial, and other industries.	Machinery Services Co. Rapid Pump & Meter Service Co.	York, PA
May-23	American Hydro	American Hydro Corp. specializes in design, engineering, repair and installation of hydroelectric equipment, including hydro- turbines and large pumps.	enprotech	York, PA
May-23	RIORDAN	Riordan Materials Corp. distributes water and wastewater treatment products, including pumps, clarifiers, filters, and centrifuges, offering specialized pump repair services.	DXP	Blue Bell, PA
Jan-23	O EVOQUA	Evoqua Water Technologies Corp. provides water and wastewater treatment systems, technologies, and services, including pump repair and maintenance, for various industries.	Explem Let's Solve Water	Pittsburg, PA

Recent M&A Transactions



Close Date	Target	Target Description	Acquiror	Target Location
Sep-22	PUMP & POWER	Pump & Power Equipment Corp. serves as a distributor of pump and power equipment, providing rental and repair services since 1983.		Jessup, MD
Sep-22	SANDER Downe in elouid date ne rentâls - sales - service	Sander Power Equipment Company supplies construction equipment including pumps, compressors, and generators with a focus on pump repair and maintenance across Pennsylvania, New Jersey, and Delaware.	HOLLAND FINISH FASTER	Trevose, PA
Aug-22	FISCHER PROCESS	Fischer Pump & Valve Company excels in fluid handling equipment solutions, specializing in pumping technologies, valves, automation, and mixing equipment. Fischer Process offers 24-hour emergency field pump repair services.		Loveland, OH
Aug-22		Glauber Equipment Corporation specializes in blower, compressor, vacuum pump, and pump system repairs across Upstate and Western New York, utilizing precise engineering assessments to optimize pump performance and ensure efficient, reliable service.		Lancaster, NY
Jan-22		Pump Service & Supply of Troy, Inc., incorporated in 1990 in Troy, New York, offers pump rental and related services.		Troy, NY

Recent M&A Transactions



Close Date	Target	Target Description	Acquiror	Target Location
Jan-22		Blake Equipment Co., Inc. offers factory authorized field service teams specializing in commercial, industrial, and municipal pump systems, ensuring efficient and respectful service.	Franklin Electric	East Windsor, CT
Dec-21	P	Diversified Pump & Compressor has been the leader in the design, engineering, and repair of fluid processing systems in New England. For more than 30 years, Diversified has been providing service and repairs throughout the New England Area.		Hampton, NH
Nov-21	G&W Industrial Sales	G&W Industrial Sales, Inc. is a trusted distributor of industrial pumps, offering a comprehensive range of pump solutions and exceptional pump service and repair expertise to meet your fluid handling needs.	CUNNINGHAM	Parkersburg, WV
Feb-21	FLUID	Fluid Flow Products, Inc. is a prominent distributor of measurement, control, and filtration solutions, catering to various industries. With an extensive range of products including pumps, valves, and instruments, the company also offers expert pump repair and servicing along the East Coast.	KKR	Charlotte, NC
Jan-21	PUMP + COMPRESSOR - BLOWER SALES & SERVICE	Total Equipment Company provides a comprehensive range of solutions, including expert equipment service, parts inventory, maintenance agreements, and specialized pump repairs such as mechanical seals, ensuring peak pump efficiency and uninterrupted operation.	DXP	Coraopolis, PA

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Recent Pump Related Transactions



England's Industrial and Infrastructure Services Leadership Team

Glenn Tofil

Erik Augustson

Managing Director +1 202-386-6503 gtofil@englandco.com

Senior Vice President +1 202-386-6505 eaugustson@englandco.com

www.englandco.com

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