

GLOBAL PUMP
SOLUTIONS AND PRODUCTS

STRENGTH YOU CAN COUNT ON.

EFFICIENCY YOU CAN TRUST.

Table of Contents

Driven By Purpose	3
Features You Can Count On	4-5
Trash Pumps	6-7
High Head Pumps	8-9
Wellpoint Pumps	10-11
Hydraulic Submersibles	12
Hydraulic Power Pack	13
SoundGuards and SafeGuards	14
Messenger Device	15

WWW.GLOBALPUMP.COM

DRIVEN BY PURPOSE

ENGINEERED TO PERFORM - BUILT TO SUPPORT

With roots in contractor dewatering, Global Pump understands the value of reliable pumping equipment—so in 1997, Mersino launched Global Pump to build the pumps it knew the industry needed. Global Pump manufactures, designs, sells, tests, and services equipment to customers around the world. In addition to company-owned locations, Global Pump continues to expand its footprint in locations across the globe with a reliable network of authorized distributors.

Global Pump offers a wide variety of economical, dependable and highly efficient pumps and jobsite equipment. Exceptional design and superior components assure that customers receive the highest quality product for their investment. Global Pump's total commitment to reliability through an ISO 9001:2015 certification includes rigorous testing prior to every shipment, to ensure that the equipment will be in perfect working order upon delivery.



Global Pump delivers a full range of solutions to support critical site operations with precision, efficiency, and reliability. Backed by advanced technology and a trusted distribution network, Global provides the tools professionals need to keep their operations running smoothly—no matter the challenge.

When choosing Global Pump, customers are investing in more than just high-performance equipment—they're investing in confidence. With a finished inventory of pumps and parts ready to ship, lead times are minimized and projects can keep moving without delay. With proven reliability and immediate availability, Global Pump delivers the support and responsiveness your operation demands.

FEATURES YOU CAN COUNT ON

ALL GLOBAL PUMP HORIZONTAL PUMPS INCLUDE THESE FEATURES:

Excludes Wellpoint models

ENGINE

- Standard water-cooled diesel engine
- Standard engine control panel provides preset emergency shutdown protection and allows for the addition of automatic level, pressure, and flow control
- 4, 6, and 8 inch pumps are SAE mounted directly to engine*
- 12, 14, 18, and 24 inch pumps are gearbox driven*
- Mechanical fuel gauge

SKID

- Modular skid design allows for rapid builds of different models
- Fork pockets, tie downs, and removable lifting bail
- Fully guarded coupling, pulley, and belting
- Specifically engineered for portable application



PUMP

- Foot mounted casing for maximum rigidity
- Suction cover and impeller wear rings
- Dry-running mechanical seal with external glycol quench reservoir*
- Stiffest shaft arrangement in the industry, enhancing bearing, seal, and wear ring life
- Pump casings are hydrostatically tested to 1.5x maximum working pressure
- Non-return valve uses only a single moving part to allow full flow with minimal restriction

ALL GLOBAL PUMP HORIZONTAL PUMPS HAVE THESE OPTIONS AVAILABLE:

Excludes Wellpoint models

- Interchangeable auto-prime systems include compressor venturi, diaphragm pump, or rotary vane vacuum pump
- Extra large fuel cells, external fuel tanks, and UL tanks
- Trailer mount equipped with lights, fenders, and jacks
- Global Pump SoundGuard sound-attenuated enclosures
- Level, pressure, and temperature transducers
- Float switches and level controls
- Electronic fuel gauge that reports the fuel level to the control panel
- Global Pump Messenger remote telemetry and control system
- Global Pump QD Quick Disconnect fittings, plus a wide range of additional suction/discharge fittings
- Hoses, hose racks, accessory containers, and other custom options available
- Electric motor options available instead of diesel
- Hard starters, soft starters, or VFD's available for electric models at 60 or 50hz

TRASH PUMP SERIES

Global Pump Trash pumps are specifically designed to effectively handle a wide range of liquids from water and sewage, to sludge that can contain solids and other material. Global Pump Trash pumps, with advanced enclosed impeller design, provide a dependable, highly efficient solution in a completely automatic priming pump.

TRASH PUMP FEATURES

The Trash pump series builds on our core pump features with these added advantages:

- Robust cast iron casing, optional CD4MCu
- High efficiency cast iron enclosed impeller, optional CD4MCu
- 4-8 inch models are SAE mounted with front pullout seal arrangement
- 4-12 inch models equipped with Auto Prime compressor venturi priming system
- 14-24 inch models equipped with diaphragm pump priming system



Global Standard Trash (GST)

MODEL	SIZE		MAX FLOW		MAX RPM		MAX HEAD		MAX SOLIDS		FUEL CELL		MAX STATIC PRIMING LIFT		DRY WEIGHT	
	in	mm	gpm	m³/h	Pump	Engine	ft	m	in	mm	gal	l	ft	m	lbs	kg
4GST	4x4	100x100	1250	284	2200	2200	116	35	3	75	58	219	28	8.5	2950	1338
6GST	6x6	150x150	3000	681	2200	2200	202	62	3	75	83	314	28	8.5	4300	2086
8GST	8x8	200x200	3650	829	2000	2000	183	56	4	100	108	408	28	8.5	5250	2381
12GST	12x12	300x300	8500	1930	1200	2000	135	41	4	100	260	984	28	8.5	10250	4649
14GST	14x14	350x350	12500	2839	1200	2000	138	42	4	100	5	19	28	8.5	13400	6078
18GST	18x14	450x350	14000	3180	1200	2000	135	41	4.5	114	260	984	28	8.5	10400	4717
24GST	24x18	600x450	16000	3634	1200	2000	176	54	4.5	114	5	19	28	8.5	20000	9071

Actual weight depends on final build, engine, and options

Global High Performance Trash (GHT)

MODEL	SIZE		MAX FLOW		MAX RPM		MAX HEAD		MAX SOLIDS		FUEL CELL		MAX STATIC PRIMING LIFT		DRY WEIGHT	
	in	mm	gpm	m³/h	Pump	Engine	ft	m	in	mm	gal	l	ft	m	lbs	kg
4GHT	4x4	100x100	1600	341	2200	2200	174	53	3	75	58	219	28	8.5	3300	1587
6GHT	6x6	150x150	3200	727	2200	2200	223	68	3	75	118	446	28	8.5	4000	1814
8GHT	8x8	200x200	4550	1033	2000	2000	261	80	4	100	108	408	28	8.5	5600	2540
12GHT	12x12	300x300	8800	1998	1200	2000	169	41	4	100	325	1230	28	8.5	10350	4694
18GHT	18x14	450x350	15000	3400	1200	2000	177	54	4.5	114	5	19	28	8.5	15500	7030
24GHT	24x18	600x450	16000	3634	1200	2000	237	72	4.5	114	5	19	28	8.5	26000	11793

Actual weight depends on final build, engine, and options

HIGH HEAD PUMP SERIES

Global Pump High Head pumps are specifically designed to effectively handle a wide range of liquids in applications such as liquid transfer, wash down, fire protection, fracking and jetting where high heads and high pressure are required. Global Pump High Head pumps provide a dependable, highly efficient solution in a completely automatic priming pump.

HIGH HEAD PUMP FEATURES

The High Head pump series builds on our core pump features with these added advantages:

- Robust cast steel casing, optional CD4MCu
- Standard CD4MCu enclosed impeller
- Double Volute pump casing on 8 in models and above
- Front pull-out seal arrangement



Global Standard High Head (GSH)

MODEL	SIZE		MAX FLOW		MAX RPM		MAX HEAD		MAX SOLIDS		FUEL CELL		MAX STATIC PRIMING LIFT		DRY WEIGHT	
	in	mm	gpm	m³/h	Pump	Engine	ft	m	in	mm	gal	l	ft	m	lbs	kg
4GSH	4x3	100x75	1380	313	2200	2200	433	132	0.625	16	109	412	28	8.5	5000	2268
6GSH	6x4	150x100	2100	477	2200	2200	412	126	0.875	22	128	484	28	8.5	6000	2721
8GSH	8x6	200x150	3850	874	2200	2200	411	125	1.375	35	151	571	28	8.5	7000	3175
10GSH	10x8	250x200	4750	1080	2000	2000	340	104	1.5	38	150	567	28	8.5	10000	4536
12GSH	12x18	300x200	6750	1533	2000	2000	340	42	1.5	38	38	143	28	8.5	13500	6123

Actual weight depends on final build, engine, and options

Global High Performance High Head (GHH)

MODEL	SIZE		MAX FLOW		MAX RPM		MAX HEAD		MAX SOLIDS		FUEL CELL		MAX STATIC PRIMING LIFT		DRY WEIGHT	
	in	mm	gpm	m³/h	Pump	Engine	ft	m	in	mm	gal	l	ft	m	lbs	kg
6GHH	6x4	150x100	1440	327	2000	2000	748	228	0.875	22	151	571	28	8.5	8700	3946
8GHH	8x6	200x150	2665	605	2000	2000	745	227	1.375	35	253	957	28	8.5	11300	5125
10GHH	10x10	205x250	4400	1000	1800	1800	607	185	1.46	37	296	1120	28	8.5	11000	5000
12GHH	12x8	300x250	7950	1806	1800	1800	648	198	2.5	63.5	301	1139	28	8.5	15700	7121

Actual weight depends on final build, engine, and options

WELLPOINT PUMP SERIES

WELLPOINT PUMPS

Global Pump Wellpoint pumps are specifically designed to effectively handle the arduous requirements of wellpoint and underdrain dewatering systems where intermittent water flow and large amounts of air are encountered. Under drain sock dewatering, filtered water transfers, utilities, civil engineering, remediation, and various construction applications.



Global Standard Centrifugal Wellpoint Pumps

Global Pump Standard Centrifugal Wellpoint pumps provide a compact, dependable, highly efficient solution in a completely automatic priming pump with built-in air separation. A high efficiency air separation tank separates air and water before entering the pump, while a condensation chamber with drain contains any condensation or water vapor from the air. An oil recovery system separates and removes oil and other particulates from the discharge air, and the centrifugal wellpoint pumps are long-coupled for reliable operation.

Global Standard Piston Wellpoint Pump

The Global Pump Standard double piston wellpoint pump is designed to pump water with or without air along with all combinations in between. The gentle pulsation of the flow from the piston pump prevents wellpoint clogging, reduces piping losses, and helps maintain vacuum and efficiency. It also automatically primes and reprimes without air elimination systems or operator intervention.





Global Standard Rotary Wellpoint Pumps

Global Pump Standard Rotary Wellpoint pumps efficiently handle both water and air, offering ease of use with automatic discharge pressure development. Featuring a pulsation-free, Tri-lobe rotor design and replaceable wearplates, these pumps are built for durability. The direct-drive system, with a flexible coupling and engine-mounted gearbox, ensures separation between the pump head and gearbox, preventing cross-contamination. Large suction and discharge header tanks enable easy priming, draining, and solids settling, while a recirculation line keeps the rotors wetted. For maintenance, the rotors, seals, and cover can be accessed by removing the front cover.

Global Standard Centrifugal Wellpoint (GSC)

MODEL	SIZE		MAX FLOW		MAX RPM	AIR VOLUME	MAX HEAD		MAX SOLIDS		MAX STATIC PRIMING LIFT		DRY WEIGHT	
	in	mm	gpm	m³/h	Pump & Engine	ft³m	ft	m	in	mm	ft	m	lbs	kg
4GSCWP	4x4	100x100	600	136	1800	60	103	31	0.625	16	28	8.5	2300	1043
6GSCWP	6x6	150x150	1200	273	1800	200	108	33	0.75	19	28	8.5	3200	1451
8GSCWP	8x8	200x200	1800	409	1800	200	108	33	0.875	22	28	8.5	5000	2268
12GSCWP	12x12	300x300	4200	955	1800	200	99	30	1.3	33	28	8.5	6600	3000

Global Standard Piston Wellpoint (GSP)

MODEL	SIZE		MAX FLOW		MAX RPM		MAX HEAD		MAX STATIC PRIMING LIFT		DRY WEIGHT	
	in	mm	gpm	m³/h	Pump	Engine	ft	m	ft	m	lbs	kg
6GSPWP	6x6	150x150	360	82	70	1800	81	27	28	8.5	2300	1043

Global Standard Rotary Wellpoint (GSR)

MODEL	SIZE		MAX FLOW		MAX RPM		MAX HEAD		MAX STATIC PRIMING LIFT		DRY WEIGHT	
	in	mm	gpm	m³/h	Pump	Engine	ft	m	ft	m	lbs	kg
6GSRWP	6x6	150x150	800	151	600	2040	50	15	28	8.5	3200	1451
8GSRWP	8x8	200x200	1600	302	600	2196	50	15	28	8.5	5000	2267
12GSRWP	12x12	300x300	3200	603	600	2200	50	15	28	8.5	4300	1950

HYDRAULIC SUBMERSIBLES

Global Pump Standard Trash Hydraulic Submersible pumps are specifically designed to effectively handle a wide range of liquids from water to sewage and sludge that can contain solids and other material. Specifically for portable applications, the Trash Hydraulic Submersible pumps are designed to be powered by a Hydraulic power pack or compatible power source.

FEATURES

- Robust Cast Iron wet end
- Standard Cast Iron enclosed impeller
- Suction cover and impeller wear rings
- Pump casing is designed to fit through a 21" man hole
- Specifically engineered for portable application
- Pump casings are hydrostatically tested to 1.5x maximum working pressure
- Mechanical seal with oil lubrication allows the pump to start and run dry
- High quality hydraulic driven motor

OPTIONS

- CD4MCu casing where corrosion and strength are needed
- Robust CD4MCu impeller
- Wide range of discharge fittings including Global Pump's own "QD" Quick Disconnect fittings and accessories
- Variety of hose sizes available to fit any job
- $1\,^{1}/_{4}$ and $1\,^{1}/_{2}$ pressure and return hoses with quick disconnect fittings



Hydraulic Submersibles

MODEL	SIZE		MAX FLOW		MAX HEAD		MAX SOLIDS		HYDRAULIC INPUT REQUIREMENTS
	in	mm	gpm	m^3/h	ft	m	in	mm	
4GSTHY	4	100	1010	229	78	24	3	76.2	13 gpm @ 2600 psi
6GSTHY	6	150	2136	485	108	32.9	3	76.2	41 gpm @ 2600 psi
8GETHY	8	200	2300	522	112	34.1	3	76.2	41 gpm @ 2600 psi

HYDRAULIC POWER PACK

This hydraulic power pack is designed to output 41 gpm (9.3 m^3/h) at output pressures up to 2,600 psi (179.2 bar), with a maximum operating pressure at 3,000 psi (206.8 bar).

POWER PACK FEATURES

- Spin-on return filter w/indicator
- Hydraulic flow meter
- Standard engine control panel provides preset emergency shutdown protection and allows for the addition of automatic level, pressure, and flow control.
- Hydraulic rotary vane pump
- System relief valve
- Pressure control valve
- Liquid filled pressure gauge
- Modular skid design
- Oil Cooler

OPTIONS

- Trailer mount equipped with lights, fenders, and jacks
- Extra large fuel cells, external fuel tanks, and UL tanks
- Global Pump SoundGuard sound-attenuated enclosures
- Hoses, hose racks, accessory containers, and other custom features available
- Multiple Hydraulic circuits
- Other flow and pressure combinations



SOUNDGUARD & SAFEGUARD

SOUNDGUARD ENCLOSURES

Global Pump's SoundGuard sound attenuated enclosure optional for all diesel-driven units. They're made of 12-gauge double-sided galvanneal steel sheet panels insulated with fire retardant acoustical foam boards. SoundGuard enclosures reduce noise level to no more than 68 db at 30 feet (9 m). Custom db levels are available to meet design requirements. Panels are removable for maintenance and repair. Lockable panel doors provide easy access to the pump, engine, priming system and controls for routine servicing, lubrication and fueling.



SAFEGUARD STANDBY PUMP

Global Pump's SafeGuard standby pump is engineered for municipal and industrial applications where backup pumping is critical to maintain operations in the event of electrical or equipment failure. The SafeGuard pump monitors the water level in the wet well, which allows it to automatically start when needed. This pump is equipped with an automatic priming system that gives operators the ability to start, prime, and pump when needed. The Safeguard Standby pump can also be supplied for other standby installations.



MESSENGER DEVICE

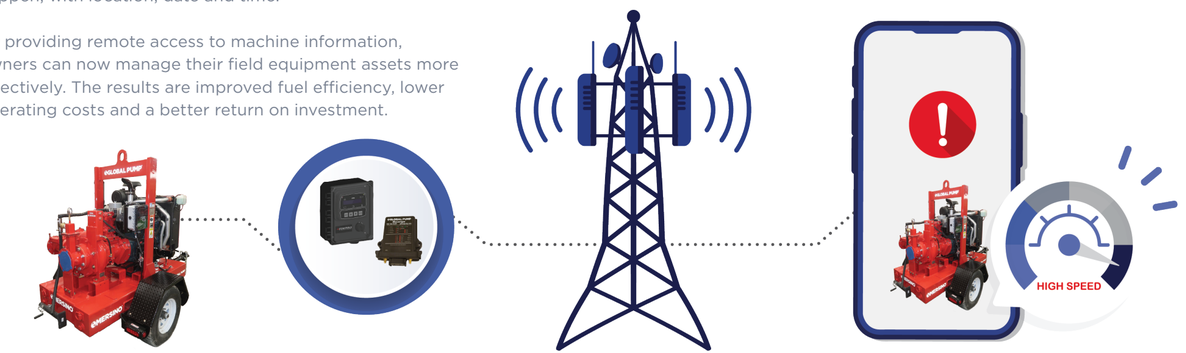
Global Pump's Messenger is an integrated remote telemetry hardware device that allows customers to collect and track critical data on their pump, including machine location, service usage hours and health, and productivity information.

Designed specifically as an integrated telemetry and alarm notification system, the Messenger works seamlessly with electronic engine controllers, ECUs and other devices that support CANbus communications. It gathers data from the pump's on-board system and wirelessly transmits it to the network operations center, providing the operator critical information on their pump in real-time. As diagnostic messages are generated from the pump unit, the Messenger can alert users of these occurrences right when they happen, with location, date and time.

By providing remote access to machine information, owners can now manage their field equipment assets more effectively. The results are improved fuel efficiency, lower operating costs and a better return on investment.

FEATURES

- Start, stop, and variable speed control with acknowledgment of the commands
- Read and transmit customer flow meters, auxiliary fuel tank levels, pit levels, suction and discharge gauge reading, and engine functions
- Customizable alarms to cell phone via text, email, or phone call
- Monitor auto operations of the machines
- Generate reports on a scheduled basis
- Track the equipment location and usage
- Programmable auto-exercise of engine





GET IN TOUCH

FOR MORE DETAILS

Phone: (810)-653-4828

Email: sales@globalpump.com
Web: www.globalpump.com

Address:
10162 E. Coldwater Road
Davison, MI 48423