

Agency of



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Products

Components for your every application...

From our lines of fixed and variable displacement pumps to our high pressure cartridge valves, we have the answer.

Oilgear engineers its Electronic Controller and other electronics to control your components; hydraulic or otherwise. Along with pumps and electronics, Oilgear also manufactures a line of rugged Flow Meters for applications in the harshest of environments.

Oilgear's hydraulic contributions don't stop there. We also offer a comprehensive line of prefill, screw-in and slip-in cartridge valves as well as custom integrated manifolds. Choose the components you need at Oilgear. Not sure you know which components are right for you? Contact our qualified applications engineers and have them assist you in your decisions to find the correct components for your applications.

Pumps



Valves



High Pressure Products



Motors



Hydraulic Power Units



Integrated Manifolds



Electronics



Specialty/Custom Engineered Products



Cylinders & Piston Accumulators



Water Products and Systems

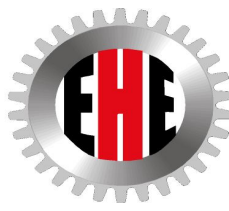


Flow Products



Legacy Products





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Pumps

At Oilgear, our axial piston pump line was developed to achieve one primary goal:

To provide our customers with a low cost of ownership.

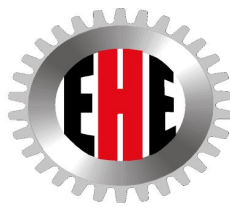
Our superior products are designed to last longer and consume less energy than our competitors' products, making Oilgear the industry leader. We provide the most durable pump and control systems to produce the fastest response times.

Axial piston and check valve pumps are able to compress the fluid, which is then delivered under pressure. This type of pump is able to take a pressure of 650 bars for great volumetric returns of 98%.

Oilgear's pumps, both Variable and Fixed displacement, have earned the reputation of being the "Rolls Royce" on the market, especially for the needs of the heavy-duty applications.

Hydraulic system performance has always been linked closely to the quality and cleanliness of the fluids being used. Oilgear's advanced hydrodynamic bearing design was created for use with environmentally-friendly fluids, such as water or water glycol. This technology was engineered to produce industry-leading efficiencies as new challenges occur.








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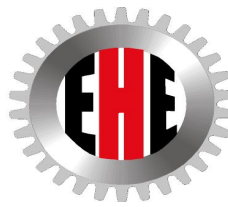


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Variable Pumps

 Click On Pump for
 More Information

	Description	Peak Pressure	Displacement	Rated RPM	Mounting Configuration
 PVM	Axial Piston Pump 10 Displacements	4250 psi	0.66 to 7.94 in ³ / rev.	3600 rpm	SAE "A", "B" & "C" 2 & 4 Bolt Flange Mount
 PVWJ	Axial Piston Pump 10 Displacements	5800 psi	0.66 to 7.94 in ³ / rev.	3000 rpm	SAE "A", "B" & "C" 2 Bolt Flange Mount
 PVWW	Axial Piston Pump 7 Displacements	3500 psi	0.86 to 7.94 in ³ / rev.	1800 rpm	SAE "A", "B" & "C" 2 Bolt Flange Mount
 PVWC	Axial Piston Pump 3 Displacements	5000 psi	0.66 to 1.35 in ³ / rev.	3000 rpm	SAE "A" & "B" 2 Bolt Flange Mount
 PVG	Axial Piston Pump 6 Displacements	5800 psi	2.93 to 9.16 in ³ / rev.	2700 rpm	SAE "B" & "C" & "D" 2 & 4 Bolt Flange Mount
 PVV	Axial Piston Pump 4 Displacements	7250 psi	12.2 to 33.57 in ³ / rev.	2200 rpm	ISO & SAE Flange Mount



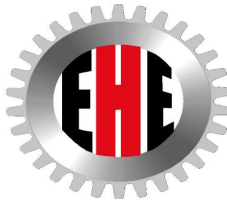
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Fixed Pumps

Click On Pump for More Information	Description	Peak Pressure	Displacement	Rated RPM	Mounting Configuration
 PFBA	Check Valve Pump 6 Displacements	9000 psi	0.136 to 0.835 in ³ / rev.	1800 rpm	Foot or Face Mount
 PFBK	Check Valve Pump 4 Displacements	15000 psi	2.13 to 4.17 in ³ / rev.	1800 rpm	Foot or Face Mount
 PFCM	Check Valve Pump 4 Displacements	15000 psi	4.26 to 8.34 in ³ / rev.	1800 rpm	Foot or Face Mount
 PFCS	Check Valve Pump 2 Displacements	7250 psi	26.85 to 35.39 in ³ / rev.	3600 rpm	Foot or Face Mount
 PFWH	Axial Piston Pump 10 Displacements	5800 psi	0.66 to 7.94 in ³ / rev.	3000 rpm	SAE "A", "B" & "C" 2 Bolt Flange Mount
 PFWW	Axial Piston Pump 10 Displacements	5800 psi	0.66 to 7.94 in ³ / rev.	3000 rpm	SAE "A", "B" & "C" 2 Bolt Flange Mount



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Legacy Pumps

Oilgear is dedicated to helping you keep your systems and equipment running as efficiently as possible. To support this goal, we offer Aftermarket services to cover all areas of assistance, Service, Repair, Retrofits, Upgrades, and Training. Our Customer Support Center is staffed with trained professionals to answer your questions, arrange repair returns, process parts orders and schedule field services. Oilgear has been working with industry around the world for almost 90 years; let us help you succeed.



C Pumps

- > 3000 PSI Pressure
- > Smooth, Quiet, High Speed Operation
- > 21 Pump Sizes
- > Long Service Life



D Pumps

- > 3500 PSI Pressure
- > 2 Displacements
- > 21 Pump Sizes
- > Long Service Life



PVK / PFK Pumps

- > 5800 PSI Pressure
- > 3 Displacements from 8.61 to 22.4 in³ / rev.
- > Rated 1800 rpm
- > SAE "D" & "F" 4 Bolt Flange Mounting Configurations



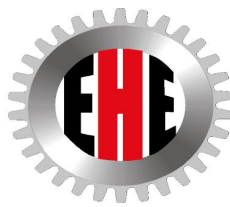
PVL/PFL Pumps

- > Replaceable Port Plate
- > Thru Driveshaft
- > High Pressure Ports
- > Over 20 Different Sizes



PVWH Pumps

- > 5000 PSI pressure
- > 10 displacements from 0.66 to 7.94 in³ / rev.
- > Less than 80 dBA at all pressure ranges
- > Durable Hard on Hard Technology



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Valves

General Market, Specific Market and Custom Engineered Valves

Oilgear offers a complete line of standard, as well as special function valves that are unmatched in performance, speeds, pressures and flow range. We also provide custom design flexibility at standard hydraulic valve prices.

Sizes: 6mm to 450 mm (1/4" to 38")

Pressures: up to 4,000 bar (60,000 psi)

Flows: up to 100,000 lpm (26,420 gpm)

Functions: from manual to servo & proportional

Mountings: manifold, sub-plate, flange and pipe mountings

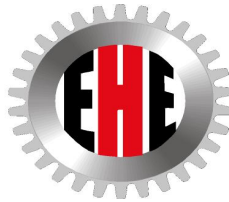
The cartridge valve concept is the modern approach to hydraulics and is utilized in increasing numbers of installations, as hydraulic engineers become aware of its design flexibility, excellent performance and substantial savings.

Multiple valve sizes and functions are available for selection to exactly meet your system's design requirements for flow, pressure and/or poppet logic operation.

Contact one of our Application Engineers to find the valve solution to fit your needs.

Valve Index for Standard & Custom Engineered Valves

User Guide	Active Cartridge Valves Users Bulletin	80020
User Guide	Cartridge Valves 2/2 Way (Series NG16 - NG100)	80035



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Olmsted Products Co., a division of the Oilgear Company

Valve lines include Prefill Valves, Check Valves, Directional and Regenerative Valves, Accumulator Discharge Control Valves, Flow Control Valves, Proportional and Servo Valves, Pressure Control Valves, Flow Shut-off Valves, Cartridge Valves, Isolation Valves, Anti-Recoil Valves, and Seven-valve Pressure/Flow Control Manifold Assemblies.

[More Info](#)

Directional Controls	Size	Max Flow (l/min)	Max Pressure (kg/cm ²)	Bulletin
 WE Directional Control: with solenoid valve	06	60	345	80340
 VDC Directional Control: with solenoid valve	36 - 62	5700	345	80305
 VD Directional Control: high pressure, sequence and with solenoid valve	06 - 38	500	700	80302

Prefill & Exhaust	Size	Max Flow (l/min)	Max Pressure (kg/cm ²)	Bulletin
 VPE, VSM, VSA 2-way, 3-way, 4-way Prefill & Exhaust Valves, in-tank, line or manifold mountings with position monitoring	40 - 450	100,000	1000	86620








Cartridge, 2-2 Way	Size	Max Flow (l/min)	Max Pressure (kg/cm ²)	Bulletin
 VB Bypass, Slip-In Cartridge, normally open/closed, solenoid/proportional pilot operated for mineral oil or water	25 - 150	20,000	1200	80225
 VC Check Valve, Slip-In Cartridge, for mineral oil or water	25 - 150	20,000	1200	80104

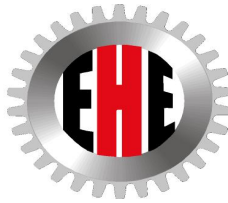


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Pressure Controls	Size	Max Flow (l/min)	Max Pressure (kg/cm ²)	Bulletin
 VR Slip-in cartridge, direct operated relief for mineral oil	25 - 63	1,300	1200	80100
 WNC High pressure relief valves	1/16" - 5/16"	Not Rated	4135	10150
Slip-In Valves	Size	Max Flow (l/min)	Max Pressure (kg/cm ²)	Bulletin
	26 - 100	8,200	350	80006
Screw-In Valves	Size	Max Flow (l/min)	Max Pressure (kg/cm ²)	Bulletin
	600 - 2000	1,136	350	80001
Servo Valves	Size	Max Flow (l/min)	Max Pressure (kg/cm ²)	Bulletin
 SCVS SCVS 3-Way High Performance Servo Valves	800 - 2400	1,040	210	36110
 VSC4 VSC4 4-Way High Performance Servo Valves	01 - 300	303	315	36115
Descaling Valves	Size	Max Flow (l/min)	Max Pressure (kg/cm ²)	Bulletin
	62 - 200	13,200	250	11011



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High Pressure Products (up to 4100 bar)

Oilgear has a tremendous experience in high pressure products. Since 1921 we developed a line of products specialized in high pressure applications such as or fixed pumps and prefill and exhaust valves. Based on this experience Oilgear is known internationally as a class hydraulics company. Please check our high pressure line of products to realize what Oilgear can do for you. Choosing Oilgear as a supplier allows your equipments to run with the right components for specific needs.

High Pressure Pumps

PFBA Pump

- Check Valve Pump
- 6 Displacements
- 1000 Bar Maximum Pressure **
- 1800 rated RPM
- Foot or Face Mounting
- 2.23 to 18.50 cm³/rev

PFBK Pump

- Check Valve Pump
- 4 Displacements
- 1000 Bar Maximum Pressure **
- 1800 rated RPM
- Foot or Face Mounting
- 34.9 to 68.3 cm³/rev

PFCM Pump

- Check Valve Pump
- 4 Displacements
- 1000 Bar Maximum Pressure **
- 1800 rated RPM
- Foot or Face Mounting
- 69.8 to 136.6 cm³/rev

PFCS Pump

- Check Valve Pump
- 2 Displacements
- 500 Bar Maximum Pressure **
- 1800 rated RPM
- Foot Mounting
- 440 to 580 cm³/rev

** Maximum pressure not available with all displacements. Please consult Oilgear for more information.

High Pressure Valves

VB Valves

- Bypass, Slip In Cartridge
- Solenoid/Proportional Pilot Operated
- 20,000 liters/min
- Maximum Pressure : 1000 Bar

VC Valves

- Check Valve
- Slip In Cartridge for Mineral Oil or Water
- 20,000 liters/min
- Maximum Pressure : 1000 Bar

VD Valves

- Directional Control
- High Pressure Sequence with Solenoid Valve
- 500 liters/min
- Maximum Pressure : 700 Bar

VR Valves

- Slip in Cartridge
- Direct Operated Relief for Mineral Oil
- 1,300 liters/min
- Maximum Pressure: 1000 Bar

WNC Valves

- High Pressure Relief Valves
- For Pressures to 4100 Bar
- Many different sizes

VPE Valves

- Prefill & Exhaust Valves
- In Tank, Line or Manifold Mountings
- 100,000 liters/min
- Maximum Pressure: 1000 Bar

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Motors



Oilgear's MFW and MVW fixed and variable displacement bi-directional high-speed motors are offered in two frame sizes and four displacements, allowing for greater flexibility to match pressure and capacity.

The MFW fixed displacement motor maintains constant torque with varying horsepower. Because the motor is fixed, maximum torque is available at all times when in operation, whether the motor is stalled or operating at full rpm. Horsepower output is approximately proportional to speed, making it possible to reduce pump delivery

when stalled, or bring the motor and load up to speed while maintaining full torque.

The MVW variable displacement motor can operate with constant horsepower and variable torque, or with constant torque or constant horsepower. When operating with constant horsepower and varying torque, the MVW motor can adjust speed over a 4:1 range when driven by a fixed delivery hydrostatic pump. When a variable displacement motor is driven by a variable delivery pump, constant torque or constant horsepower at variable speed can occur.

Hydraulic Power Units

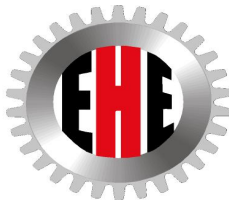
Oilgear has been providing hydraulic power units (HPU) to the world since 1921. Our power units are supplied to OEM's for new equipment as well as end users to upgrade or retrofit an existing system. They can be found in almost every application that requires hydraulic power.

A well designed reservoir will be sized and properly baffled to eliminate turbulence, aeration and temperature problems. Oilgear engineers will work with you to define system requirements to determine proper capacity and ensure the unit meets your space and performance specifications.



A complete HPU includes the reservoir, pumps, motors, oil cooling and filtration systems, and necessary valving or manifolds. Pumps can be mounted on the top or side of the reservoir. Vertical and in-tank mounting configurations are also available. Systems can be designed for special fluids or unique environmental conditions.

Large or small, custom or standard, single HPU or multiple system applications Oilgear can provide the hydraulic power unit you can count on to perform reliably for many years to come.



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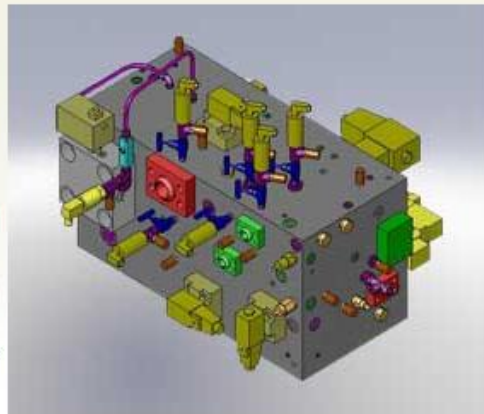
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Manifolds

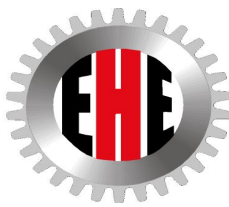
Oilgear has built a reputation upon the superior engineering and unbeatable reliability of our solutions. As a result, our modular and integrated manifold systems are in use worldwide for a wide variety of different applications.

Our understanding of manifold design and manufacturing has allowed Oilgear to innovate many essential advantages such as reduced size, weight, and cost. Our high quality and reliable systems provide a clean and leak free solution to our customers' most challenging control system problems. By using the latest available software modeling techniques you can trust that your manifold will exceed your expectations, no matter how big or how small.



When you purchase a manifold from Oilgear, you are getting the experience and dedication of thousands of engineering, design, and testing hours from the country's best and brightest engineers. Our specialization in the manufacture and design of hydraulic automation and components has given us the knowledge required to make any application more efficient. However, our most important company-wide mission is our flexibility to your application.

Our engineering team uses the latest tools such as Solid Works and PDM Works to design and analyze each new application to maximize block utilization and reduce system pipe runs.



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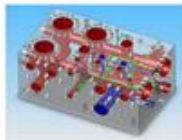
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Oilgear has manufacturing facilities in the U.S., Europe, China and India to supply manifolds anywhere in the world. We can provide small single-function units or manifolds weighing up to 50 tons. All manifolds are assembled and tested in our facilities.

The following is a partial list of design considerations:

Manifold Block Materials

- Steel
- Nodular Iron
- High Strength Forged Steel




**Valves**

- Screw-in Cartridge
- Slip-in Cartridge (16mm – 160mm)
- Face Mounted
- D03, D05, D08, D10 Stacking Modules
- Servo
- Proportional
- High Pressure Oilgear-Towler
- Your Proprietary Valves

Ports

- SAE O-ring bore
- BSP
- SAE four-bolt flange
- DN Flange
- ASA Flange
- Custom/proprietary patterns



MANIFOLD SIZES	FLOW	WEIGHT	
Small	To 4 gpm (16 lpm)	To 50lbs (25kg)	
Medium	4 gpm to 100 gpm (16 lpm to 400 lpm)	To 1000lbs (500kg)	
Large	100 gpm to 25,000 gpm (400 lpm to 100,000 lpm)	To 100,000lbs (50,000kg)	

All Manifold sizes available in pressure ranges from
 500 psi to 15,000 psi (35 bar to 1000 bar)

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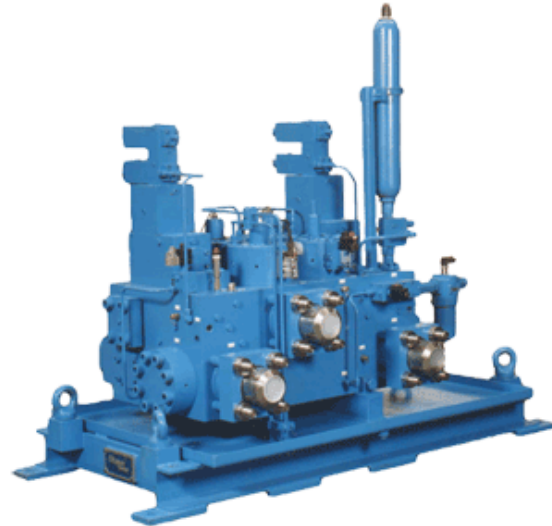
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Integrated Manifold Systems

The Oilgear manifold is a hydraulic component. Its role is to regulate the fluid flow between pumps, actuators and other components. It is similar to a switchboard in an electrical circuit, because it allows the operator to control the quantity of fluid flows between components of hydraulic machines.

Oilgear modular and integrated manifolds simplify maintenance and reduce fluid leakage. Modular type manifolds can be mounted horizontally or vertically to satisfy circuit needs.

Oilgear makes manifold blocks, which can weigh more than 40 tons, mainly for large industrial applications that require high power. The fluid can be water or mineral oil.



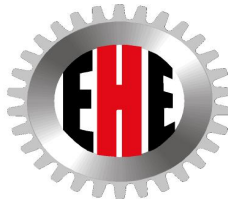
For more demanding applications, Oilgear's high strength steel integrated manifolds withstand extreme operation pressure and allow higher throughput rates with minimal pressure drops.

Years of experience designing and manufacturing manifolds has helped Oilgear to be able to pass on many advantages such as reduced size, weight and cost to our customers. Our high quality systems provide a cleaner, leak free and more reliable solution to our customers' most challenging control system problems.

Oilgear is pleased to offer the following engineered solutions:

- "Superspeed" Servo Controlled Manifolds
 - Incorporating Oilgear Towler High Pressure Seal Assembly c/w Pretensioning Nuts
 - Proven Leak Free Operation
- "High Flow" Servo Controlled Manifolds
 - Designed with "in-house" technology and Oilgear Towler's specially developed manifold design software





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- Towler GPF Special High Pressure Flanges & Sealing to minimize leaks and pipe removal
 - Tentec Nuts replace existing hexagon nuts to give a rapid, accurate and uniform Bolt load to any bolted join. The Tentec Nut offers a method of bolt tensioning multi-bolt applications which greatly improves the integrity of the joint. The speed in which joints can be tensioned and detensioned shows an extraordinary time saving over conventional detachable bolt tensioning systems. An existing Oil company user of Tentec Nuts has recently reported a massive time saving of 1750% over their old bolt tensioning system.



- Auxiliary Control Manifolds
 - Billet Loading
 - Die Magazine
 - Die Changing
 - Pop-up Turntable & Rotate

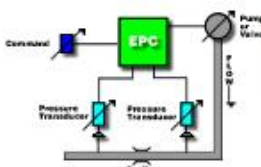
Electronics

EPC Basis

EPC is an acronym for Electronic Pump Controller. However it is much more than a simple pump controller. The EPC Servo Amplifier Module is a micro controller-operated component that can be applied to operate servo or proportionally operated pumps and valves. Because of its onboard microprocessor this unit can perform many additional functions that your typical Servo Amplifier can not. The unit can be configured for several types of control applications including:

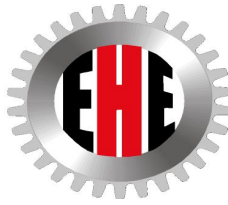


- [Flow Control](#)
- [Flow Control with Pressure Limit](#)
- [Flow Control with System Horse Power Limit](#)
- [Pressure Control](#)
- [Pressure Control with Flow Preset](#)
- [Closed Loop Speed Control](#)
- [Load Sense Control](#)



For more information on the types of applications the EPC can be applied to visit the [application page](#). Not sure if the EPC is right for your application? Ask your EPC Questions through our [contact us](#) page or dial 414-327-1700 in the United States.

EPC Order Entry checklist



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Specialty/Custom Engineered Products

One of Oilgear's strengths is the company's ability to design and build Custom Engineered Products – whether it's high pressure reciprocating pumps for use in the chemical or oil industry; transfer barrier pumps used in the steel or forging industry, or ultra high pressure valves used by the military, Oilgear is always ready to work with our customers to provide unique products that meet their requirements.



Reciprocating Pumps

Reciprocating Pump Model DP-DE

Oilgear Model DP-DE Pumps are capable of delivering discharge pressure up to 150,000 PSI. The discharge pressure is in direct proportion to input air pressure and is controlled accurately by a regulator in the input air line.

Towler Descaling Product

Oilgear Towler Descaling Products

Oilgear Towler Descaling Products provide you with a complete custom system. The descale module includes the opportunity to customize port positions/locations specific to your system, reducing the interconnecting pipework and simplifying layout.

Intensifiers

Intensifiers

The Oilgear Company offers intensifiers as individual components or as an integral element of a complete system. We have in-depth experience in custom built hydraulic systems and are proud to be your source for intensifiers.

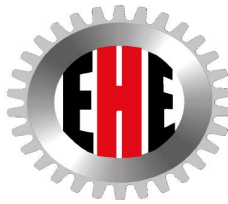
Olmsted Products

Olmsted Products

Specialized design and manufacture of high-flow, high-pressure hydraulic components and systems for the Industrial, Marine and Offshore marketplaces.

Olmsted Products Elbow Plug Valves

The unique design of the Olmsted Elbow Plug Valve allows an improved pressure to flow ratio all while achieving a much improved energy efficiency.



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Clover Industries

Clover Products

Clover Industries, Inc., a division of The Oilgear Company, is a quality driven, customer focused, engineered products company. Our specialty is complex hydraulic cylinders, accumulators and intensifiers, and we believe nobody designs and manufactures them better.

About Clover Industries

Clover Industries is a highly capable designer and manufacturer of quality hydraulic cylinders and integrated cylinder systems. We are a growing company which applies the highest technology, and we pride ourselves on being responsive to customer needs.

Capabilities

Clover Industries is all about adding value as a single sourcing and broad-based manufacturer. Our team of highly qualified, accessible, engineers and designers can work from fully detailed prints supplied by the customer, or from scratch with minimal specifications and conceptual guidance.

Clover Products



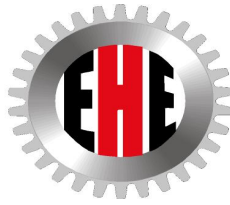
Clover Industries, Inc., a division of The Oilgear Company, is a quality driven, customer focused, engineered products company. Our specialty is complex hydraulic cylinders, accumulators and intensifiers, and we believe nobody designs and manufactures them better. We take pride in the work that goes into every product we produce.

Engineering Strengths

Our highly skilled engineering team runs detailed engineering calculations and finite element analysis on all new designs. Customer approval drawings and design reviews involving engineering, quality and manufacturing are a part of each job to insure we meet customer needs.

Manufacturing Strengths

Clover Industries designs and manufactures product from our 128,000 sq. ft. facility in Wausau, WI. Our manufacturing capabilities include state-of-the-art CNC and multiple-axis high-speed machining centers, manual and automated welding equipment, multiple medium and large CNC lathes, heavy duty material handling capabilities (up to 20 tons) and a paint booth equipped to handle an unlimited variety of exterior finishes. Our testing capabilities allow us to test cylinders up to 30 inches in diameter with extended lengths up to 64 feet, and pressures up to 20,000 psi.



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Serving a variety of industries including but not limited to:

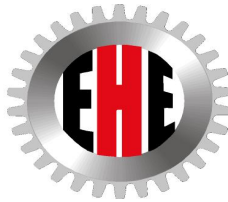
- oil and gas
- military
- construction
- civil
- marine
- mining
- industrial

Quality

Clover Industries has an ISO Quality System pursuant to ISO 9001:2008 which includes a robust non-conforming product and corrective action system.

- ASME Certification
- Design flexibility and certification
- Certified welders and welding process
- Material traceability program





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Oilgear Water Products Systems

Innovative Solutions...

For your most demanding manufacturing requirements when you need:

- Water under pressure
- Minimized fire risk
- Environmental protection
- Reduction or elimination of unscheduled downtime

Oilgear Experience...

Time-proven application know-how for industry worldwide:

- 80 Years of leadership in engineered fluid power and power transmission solutions
- 25 years of experience with water-based and other fire resistant fluids

Full System Responsibility...

Complete integration of your system from design through installation:

- State-of-the-art precision electronic controls
- Engineered components that deliver the accuracy, performance and reliability you require

- [Oilgear Water Pumps](#)
- [Oilgear 2-Way Water Valves](#)

- [Water and Special Fluid Products](#)
- [Oilgear Water Hydraulics Brochure](#)

- [Oilgear Descaling Valves](#)
- [Oilgear Water Directional Valves](#)

Aluminum Foundry

Aluminum Rolling Mills

Automotive

Brass Rolling Mills

Centrifugal Casting

Chemical Processing

Civil

Cleaning

Concast

Cutting

D.C Casting

Die Casting

Entertainment

Extrusion

Food Processing



Forging

Foundry

Glass Making

Hydroforming

Metal Processing

Mining

Marine

Offshore

Oil and Gas

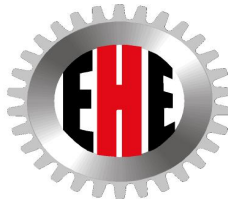
Plastics

Pulp and Paper

Rubber

Steel Rolling Mills

Walking Beam Furnace Systems



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Flow Products

The Oilgear Flow Measurement Products range consists of various standard and special units designed to suit your applications.

Our Proportional Velocity (PV) Meter is a flow meter that will handle problem fluids that damage other meters. In severe applications where other types of meter cannot withstand grit, sand, stones and other contaminants, the PV meter will far exceed your expectations.

The Flow Switch Line is composed of two types of product: Vane type switches and Poppet type switches.

Both the Vane Flow Switch and the Poppet Flow Switch were designed to withstand extreme environmental conditions and to minimize flow restriction with low pressure drop.

Both will help your equipment to minimize flow restriction. This means a low pressure drop for your applications.



Flow Meters

Oilgear Flow Meters are products on which you can rely for unsurpassed performance, accuracy and long life in difficult applications.



Flow Switches

Reliable fluid flow monitoring of pumps and pipelines is provided by Oilgear Flow Switches with, minimum - energy saving - pressure drops through them.

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Flow Meters

Our Proportional Velocity (PV) Meter is a flow meter that will handle problem fluids that damage other meters. While other meters may stop or be damaged by such common elements as sand, grit, stones (up to 0.25" diameter in our smallest meter), or even wood and rubber, Oilgear flow meters are products on which you can rely for unsurpassed performance.

Advantages of the Oilgear PV Meter

- Large Particle Clearance (up to 0.25" diameter in our smallest meter)
- Long Life in Contaminated Liquid
- High Tolerance to Overranging
- Readout Flexibility
- Mechanical Readouts
- Electrical / Electronic Readouts
- Calibration
- Accuracy
- Repeatability



Please download our Bulletin [90901](#) for more definitive technical information on selecting the meter for your particular application.

[Flow Meters Specifications](#)

Meter pressure ranges vary with the end connection types. Most meters are made to standard lengths but we can manufacture to meet your specific requirements such as providing oversize flange connections or fitting to precise lengths for your location. To learn more about our Flow Meters, click here...

[Oilgear Readouts Type](#)

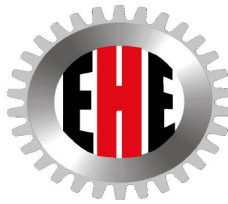
The Oilgear Flow Measurement Products range consists of various standard and special units designed to suit your applications. Looking for more information about the different types of Oilgear Readouts ? Click here...

[PV Flow Meter Applications](#)

Flow meter selection requires consideration of many factors including the anticipated flow range, pressure, corrosion resistance, entrained particles, fluid characteristics, etc. Here you will find a full range of applications that use our PV Flow Meters and the different types of fluids that can be used.

[PV Flow Meter Selection and Certification](#)

Not sure which Oilgear Flow Meter is right for your application? let us help you with your selection and the available certifications for Oilgear Flow Meters.



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Flow Switches

Part of Oilgear's Flow Product offerings is their Flow Switch line. This product group has applications in pipe lines and flow monitoring operations, especially NEMA 4.

There are two types of Flow Switch:

POPPET: Where a loose piston in a vertical line is driven by the fluid flow moving an internal magnet that attracts an external magnet that pulls in a micro-switch.

VANE: Where a vane is driven by the fluid flow and by a cam action pushes a plunger that has a magnet that attracts an external magnet that pulls in a micro switch.

Features

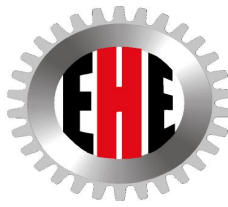
Rugged – Outside the pipe components are sturdily constructed to withstand extremes.

Internal Switches – Large selection of contacts available.

All Flow Switches are Rated – NEMA 7, hazardous location (Class 1 , Group C & D). Optional NEMA 4X, weatherproof and selected UL/CSA approved are available.

Low Pressure Drop – Cam operator minimizes flow restriction. Low flow rate set points are available.





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Legacy Products

Oilgear has been manufacturing a large variety of hydraulic components and systems since 1921. Oilgear products are known for their durability and with that durability comes our commitment to provide you with the information you need to keep your Oilgear component operating. If you are looking for documentation, please view our [Legacy Product Library](#).

If you need to contact us, please use this easy form, and we'll get back in touch with you.



[Legacy Pumps](#)

Oilgear is dedicated to helping you keep your systems and equipment running as efficiently as possible. To support this goal, we offer Aftermarket services to cover all areas of assistance, Service, Repair, Retrofits, Upgrades, and Training.



[Legacy Electronics](#)

Oilgear Electronics Products can create a custom control system using standard modular building blocks. The EPC Servo Amplifier Module is a micro controller-operated component that can be applied to operate servo or proportionally operated pumps and valves.



[Legacy Valves](#)

Oilgear has been working with industry around the world for almost 90 years. Our Customer Support Center is staffed with trained professionals to answer your questions, arrange repair returns, process parts orders and schedule field services.



[Legacy Motors](#)

Type "MFS" motors can be mounted in any position. This constant displacement B1 Directional motors has a continuous speed rate of 2500 psi. tachometers extension shaft is available.