

USA GEAR  
CORPORATION

# Philadelphia Gear Corporation



PHILADELPHIA GEAR™



# Philadelphia Gear

## The First Name in Quality Gearing



Philadelphia Gear Corporation was founded in 1906 by a group of men who were interested in the design and manufacture of gears. They were interested in the design and manufacture of gears.

Today, Philadelphia Gear Corporation is a leading manufacturer of gears and gearboxes for a wide variety of applications. Our products are used in a wide variety of applications.

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# At Philadelphia Gear, We Do the Unusual, Unusually Well



It was almost 30 years ago that the world's first full-scale air conditioning plant was built. The first air conditioning plant was built in 1922, and it was built in Philadelphia. The first air conditioning plant was built in Philadelphia. The first air conditioning plant was built in Philadelphia.

## At Philadelphia Gear, We Do the Unusual, Unusually Well

Philadelphia Gear is a leading manufacturer of industrial machinery, including gear drives, gear reducers, and gear motors. We are known for our high-quality products and exceptional customer service. Our products are used in a wide range of industries, from manufacturing to transportation. We are proud to be a part of the Philadelphia Gear family.

## Philadelphia Gear The Industry's Most Dependable, Innovative Gear

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# The Marine Division. Hard Working Reliability.

Performance, hard working reliability, and dependability. It's what makes us the industry leader. And it's what makes us the industry leader.

## 1. Superior Service Integrated & Interconnected

Our commitment to integrated service is what makes us the industry leader. We provide a complete range of services, from design and construction to operation and maintenance. We're the only company that can do it all.

## 2. Proven Reliability & Service Advanced Technology

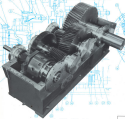
Our commitment to advanced technology is what makes us the industry leader. We use the latest in design and construction techniques to create the most reliable and efficient vessels in the world.

## 3. Proven Track Record

Our commitment to proven track record is what makes us the industry leader. We have a long history of successful projects and a proven track record of reliability and service.



# The Synchrotorque® Division. Where We Provide The Power And Speed You Need.



Our Synchrotorque motors are the most advanced in the industry. They are designed to provide the highest efficiency, lowest energy consumption, and longest service life. They are also the most reliable motors in the industry.

## Key Features and Benefits:

- High efficiency and low energy consumption
- Long service life and low maintenance
- Compact and rugged design
- Wide speed range and torque range
- Low noise and vibration
- High reliability and safety

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For more information, please contact us at [info@synchrotorque.com](mailto:info@synchrotorque.com) or call us at 1-800-555-1234.

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# Philadelphia Epicyclic Gearing. Lighter. Smaller. More Efficient.

Philadelphia Gear's new design for planetary gearboxes is the most compact, efficient and reliable ever. It's the result of a revolutionary new design that allows for a 50% weight reduction and a 20% increase in torque capacity. The new design is the result of a revolutionary new design that allows for a 50% weight reduction and a 20% increase in torque capacity. The new design is the result of a revolutionary new design that allows for a 50% weight reduction and a 20% increase in torque capacity.



### Produktion spezieller Metallteile für Flugzeug, Raumsonde, Motor- Antriebe

Die Fertigung von Metallteilen für Flugzeug, Raumsonde, Motor-Antriebe ist eine anspruchsvolle Aufgabe. Die Anforderungen an die Qualität der Bauteile sind sehr hoch. Die Fertigung dieser Bauteile erfordert eine hohe Präzision und eine hohe Zuverlässigkeit. Die Fertigung dieser Bauteile ist ein wichtiger Bestandteil der Luftfahrtindustrie.

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# High Speed Dependability in Our Special Products Division



**T**he Special Products Division has developed a wide range of products, from simple to complex, that provide complete solutions to manufacturing problems. Our products are designed to meet the needs of a wide range of industries, from automotive to aerospace. We have a reputation for high speed dependability and quality.

## Our products include an entire line of:

• Lathes  
• Mills  
• Drills  
• Grinders  
• Boring Machines  
• Planers  
• Shapers  
• Brooders  
• Turret Lathes  
• Turret Mills  
• Turret Drills  
• Turret Grinders  
• Turret Boring Machines  
• Turret Planers  
• Turret Shapers  
• Turret Brooders

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## Special Products Division

For more information, contact us at 1-800-368-7233. We are located at 1000 North Main Street, Detroit, MI 48202. We are a part of the General Motors Corporation. We are a part of the General Motors Corporation. We are a part of the General Motors Corporation.



# The Open Gear Division. Sound Engineering. Solid Manufacturing.

To receive more information, contact your local distributor or visit our website at [www.opengear.com](http://www.opengear.com).

**As a Division of Progressive Industries, Open Gear offers:**

- Customized solutions for industrial, agricultural, marine, and construction applications
- A wide range of products and services
- A commitment to quality and customer service

## **Manufacturing Capabilities**

Open Gear's manufacturing capabilities include:

- Precision casting and machining
- Heat treatment and surface finishing
- Assembly and testing
- Inventory management

**1-800-368-6888**  
**www.opengear.com**

Open Gear is a progressive company that is committed to providing the highest quality products and services to our customers. We are a leader in the industry and we are proud to be a part of the Open Gear family.



# We Set the Standard of Excellence In Our Standard Products Division

Our Standard Products Division is a leader in the design and manufacture of industrial machinery. We are committed to providing the highest quality products and services to our customers.

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## Standard Industrial Machinery

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# Our Engineered Products Division Provides Proven Performance

Our Engineered Products Division has the resources and capabilities to provide a complete range of services, including design, engineering, construction and project management. We have a proven track record of delivering high-quality, cost-effective solutions for a wide range of clients and applications.

## Process Division: An Example of Proven Performance

Our Process Division has a proven track record of delivering high-quality, cost-effective solutions for a wide range of clients and applications. We have a proven track record of delivering high-quality, cost-effective solutions for a wide range of clients and applications.

## Manufacturing Division: An Example of Proven Performance

Our Manufacturing Division has a proven track record of delivering high-quality, cost-effective solutions for a wide range of clients and applications. We have a proven track record of delivering high-quality, cost-effective solutions for a wide range of clients and applications.



## Services

Our services include design, engineering, construction and project management. We have a proven track record of delivering high-quality, cost-effective solutions for a wide range of clients and applications.

# World Class Engineering. Dynamic Test Facilities.

**A** world-class engineering firm that specializes in dynamic testing and simulation.

With nearly seventy years of experience, we have the expertise and resources to provide the most advanced and comprehensive testing and simulation services to our customers.

## Systems to save money. Innovative to protect profits.

At TASC, we work to ensure that our customers' products are tested and simulated in the most efficient and effective way possible.

Our systems and services are designed to help our customers save money and protect their profits. We provide the most advanced and comprehensive testing and simulation services to our customers. We work to ensure that our customers' products are tested and simulated in the most efficient and effective way possible.

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## Testing

**WE** are fully equipped with modern testing facilities and instruments. We have an ISO 9001:2015 certified testing laboratory. We have a dedicated testing department for the testing of all mechanical, electrical, hydraulic, pneumatic and chemical tests.

### Products

• **Pressure testing equipment** for all applications, from low pressure up to 1000 bar, including all accessories, hoses, valves, gauges, pumps, filters, etc.  
• **Hydraulic testing equipment** for all applications, from low pressure up to 1000 bar, including all accessories, hoses, valves, gauges, pumps, filters, etc.  
• **Electrical testing equipment** for all applications, from low voltage up to 1000V, including all accessories, cables, connectors, etc.

### Services

• **Installation and commissioning** of all testing equipment, including all accessories, hoses, valves, gauges, pumps, filters, etc.  
• **Calibration and maintenance** of all testing equipment, including all accessories, hoses, valves, gauges, pumps, filters, etc.  
• **Training and support** for all testing equipment, including all accessories, hoses, valves, gauges, pumps, filters, etc.

### Our

• **Wide range of products** for all applications, from low pressure up to 1000 bar, including all accessories, hoses, valves, gauges, pumps, filters, etc.  
• **High quality products** for all applications, from low pressure up to 1000 bar, including all accessories, hoses, valves, gauges, pumps, filters, etc.  
• **Fast delivery** for all applications, from low pressure up to 1000 bar, including all accessories, hoses, valves, gauges, pumps, filters, etc.







**philadelphia**  
**gear corporation**  
Gearings us for the 21st Century™

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