



How Sundyne and its new equity partner Warburg Pincus are Accelerating Growth and Enhancing Opportunities

WARBURGPINCUS



The Sundyne Story...

In 1957, the Sundstrand Corporation Aerospace Division developed a sophisticated compact high pressure water injection pump for the Boeing 707. Sundstrand engineers recognized the opportunity for this new technology in other markets and designed heavy-duty integrally-gear pumps and compressors for uses outside of the aerospace industry.

Today, Sundyne is a leading manufacturer of precision-engineered centrifugal pumps and

compressors that are used around the globe in multiple industries. Sundyne is recognized as the world leader in delivering low-flow, high-head pumps & rugged compressors that are both highly reliable and efficient. Sundyne's technology is compliant with the most stringent API, ANSI/ASME, and ISO standards.

With the support of its equity partner, Warburg Pincus, Sundyne is accelerating a number of new growth opportunities.

Sundyne's Pumps & Compressors are pervasive across the following industries:



Oil & Gas Production



Hydrocarbon Processing



Power Generation



Water Resources



Petrochemical Processing



Chemical Processing



General Industry

Sundyne's Philosophy:

With hundreds of employees and more than 150 highly qualified Channel Partners providing service to over 100 countries, the quest for excellence flows through every Sundyne facility. Each employee shares a commitment to safety, quality and integrity. An unyielding desire to define, measure, analyze and improve is embedded within the fabric of Sundyne's culture, and it is manifested each day through continuous improvement and quality assurance programs.

Warburg Pincus' Philosophy:

Established more than 50 years ago, New York City-based Warburg Pincus is one of the Top-10 private equity firms in the world, managing a \$62 billion portfolio of companies in the energy, industrial, technology, telecommunications, financial, healthcare, and consumer markets. The company's philosophy is to partner with its portfolio companies to grow their businesses, and leverage its financial resources to build brands, accelerate growth and enhance opportunities. In addition to its New York location, Warburg Pincus also has offices in Amsterdam, Beijing, Berlin, Hong Kong, Houston, London, Luxembourg, Mumbai, Mauritius, San Francisco, São Paulo, Shanghai and Singapore.

The Combination of Sundyne + Warburg Pincus is larger than the Sum of its Parts

Warburg Pincus and Sundyne interests align perfectly. Sundyne will continue to operate independently. All of its product brand names remain, and Sundyne will continue to be led by its existing management team.

Industry Leading Technology

Sundyne is one of the few companies that design & manufacture both Pumps and Compressors.

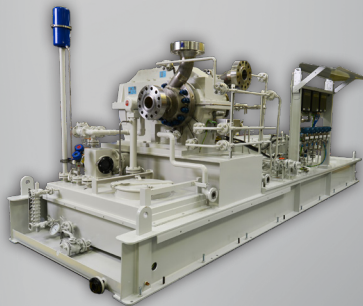
Through organic & inorganic growth, Sundyne has assembled industry-leading brands that provide customers with a wide range of fluid and gas handling services and solutions. Brands like Ansimag, HMD Kontro and Marelli have broadened the original Sundyne portfolio for a wider range of markets. Sundyne equipment can be built to most standards, including ANSI, ISO and API, and the line of Sunflo products offers non-standard solutions for a range of general industrial applications.



Product Portfolio:



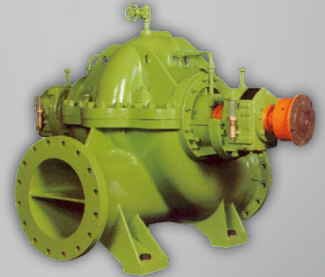
Sundyne Direct Drive and Integrally Geared Pumps



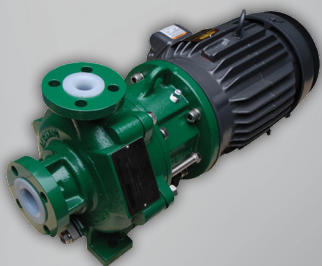
Sundyne Multi-Stage Integrally-Geared Pumps



Sunflo Industrial Grade Pumps



Marelli Heavy Duty Pumps



Ansimag Sealless Magnetic Drive Plastic Lined Pumps



HMD Kontro Sealless Magnetic Drive Pumps

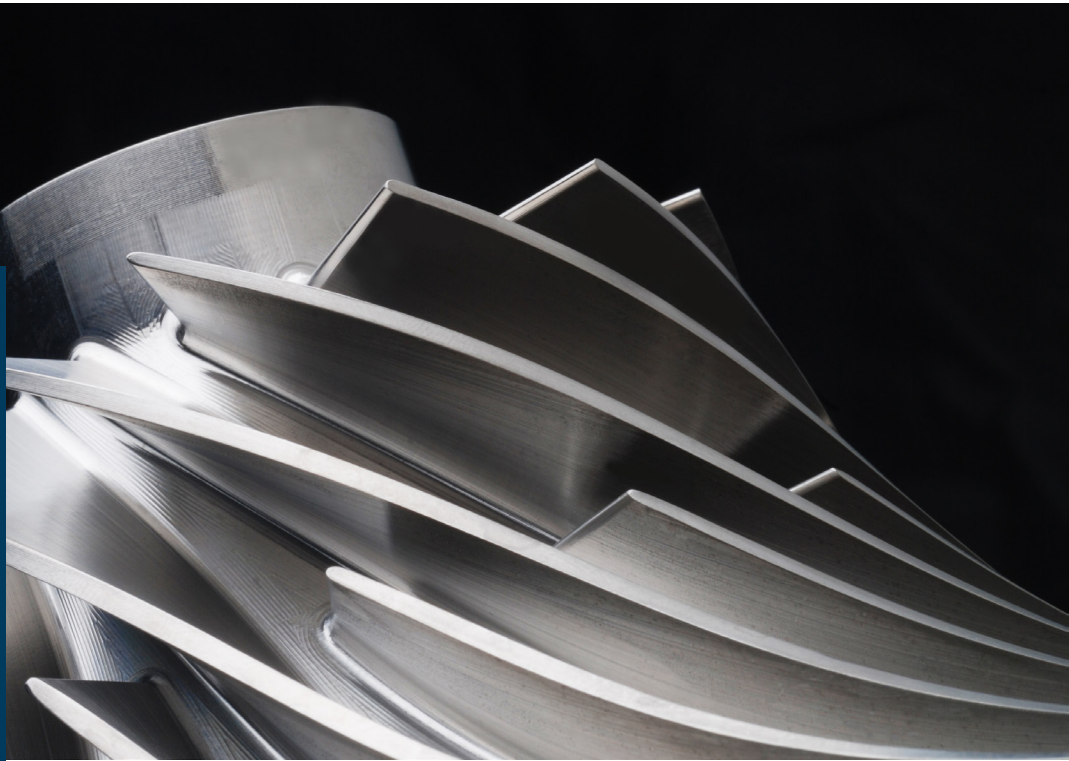


Sundyne Process Gas Compressors



PPI Diaphragm Compressors

Warburg Pincus' commitment to enhancing opportunities will help Sundyne meet customer needs in the product portfolio and speed the delivery of new innovation to the market.

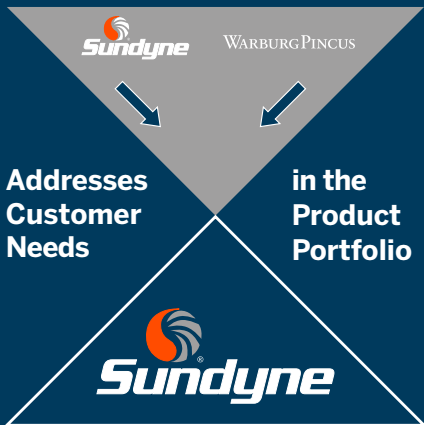


What Makes Sundyne Different... and better

Sundyne pumps & compressors are custom-engineered and tested to exactly meet each customer's design requirements – optimizing efficiency and reliability. High mix and low volume manufacturing is a Sundyne specialty. By utilizing parametric design principles, **more than one-million potential configurations** make it possible to precisely meet the best efficiency point for any process. Sundyne designs & builds fully-packaged systems, which include flow conditioning, controls, lube and seal systems. Sundyne's technology is deployed in numerous environments.

- Pumps adhere to: API 610, API 682, and API 685, ASME/ANSI, ISO and DIN standards, and Sunflo pumps adhere to demanding industrial-grade requirements.
- Compressors fit into three categories: API-617, API-618 and non-standard.

Sundyne actively listens to its customers and their needs. As a result, Sundyne's R&D team is continuously innovating to improve its products and to ensure that Sundyne's technology meets customers' evolving needs. *Velocity is a key word in the Sundyne culture – as it's critical to keep processes up-and-running around the world.*



Accelerating Growth | Enhancing Opportunity



Service & Global Reach

With manufacturing operations and service facilities in the United States, England, France, Spain and Japan, Sundyne is well positioned to serve customers' needs on a global scale.

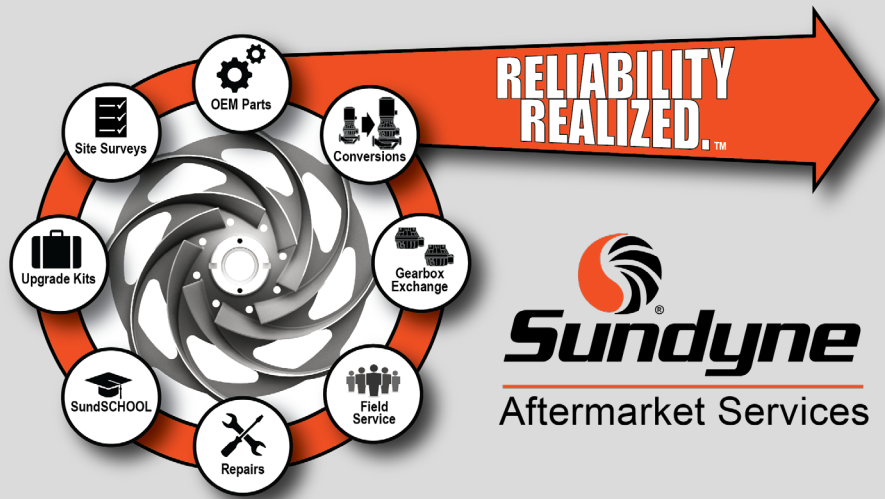


Sundyne's expansive distribution network provides customers with prompt, local support. Authorized Service Centers (ASCs) support every product line and bring engineering expertise & technical support to the customers' job site. From routine maintenance programs and onsite troubleshooting to genuine Sundyne replacement components, the Sundyne ASC network provides everything it takes to keep customers up-and-running.

Warburg Pincus' commitment will help to enhance the customer experience around the globe by expanding Sundyne's global footprint and enhancing the depth & breadth of Sundyne's channel partner network.

Sundyne Field Services Help to Keep Operational Costs Low:

Sundyne's uncompromising reliability is not just a function of superior design. It's also delivered by high-touch services at commissioning, through planned turnarounds, and at every step of the way to ensure reliable day-to-day operation for years.



Warburg Pincus is helping Sundyne expand and improve its service footprint around the globe.

Sundyne's Field Services are provided on-site, by factory-certified engineers. They are designed to get customer equipment up-and-running quickly, and keep it running effortlessly. Services include:

- **Commissioning** and start-up of new units – ensures successful start-up.
- **Troubleshooting** and site surveys – if process conditions change or unforeseen factors cause problems, Sundyne's field engineers can inspect equipment, determine the root cause, and implement corrective actions immediately.
- **Service agreements** – include scheduled inspections, gearbox oil analysis, vibration data analysis, and consultations on operational optimization.
- **SundSCHOOL** On-site maintenance & operator training – Sundyne offers its popular factory-based training class remotely – bringing maintenance & operations theory, plus hands on disassembly/assembly practice to any customer location (in English, Spanish, or French).

Genuine Sundyne Parts

Sundyne's precise manufacturing practices are critical for the performance of Sundyne pumps and compressors. Even the smallest variance can generate inefficiencies. Using non-OEM components increases the risk of equipment failure and potential loss of warranty. But these risks are easily avoided through Sundyne Genuine Parts, which are precisely machined using advanced metallurgies and custom engineering processes. Sundyne's exact tolerances are backed by decades of testing & development. Avoiding replicator or pirated parts in Sundyne machines by standardizing on genuine Sundyne parts, significantly increases the mean time between maintenance intervals and ensures the performance and reliability that customers need to keep their operations running efficiently.



Sundyne's Legacy and History of Excellence

The Best is Yet to Come...

While the Sundyne brand traces its roots back to 1957 and the aerospace industry, the story actually begins in 1905. The Rockford Milling Machine Company became the Sundstrand Machine Tool Company in 1926, producing oil burner pumps, hydraulic pumps, motors and valves. By the 1940's, the company developed a new variable displacement hydraulic transmission for use in aviation applications – signaling the start of Sundstrand's rise to prominence as a manufacturer of components for commercial and military aircraft engines.

When Sundstrand Denver was established in 1955, it became a strategic supplier of constant speed drives to the defense industry. During the 1960s, the company expanded its business to commercial markets. Earlier work on naval contracts revealed innovative research for the design of a lightweight and superior efficient pump that was used during World War II. The pump design solved a critical issue that plagued early jet engines. This research led to the first water injection pump for commercial jet aircraft, opening new doors for Sundstrand, as the technology was sold to Boeing for use in the 707.

By 1963 the hydraulic performance of the aircraft water injection pump began to make inroads with applications related to the oil & gas industry. A new inline-mounted pump design led to the development of Sundstrand's first high-speed centrifugal pump, which was sold to Shell Chemical in Houston. By 1965, compressor designs were introduced, which utilized the high-speed gearboxes developed for pumps, but with different impeller configurations suitable for gases. Union Carbide became the first customer to purchase the high-speed process gas compressors, signaling the creation of another new market for Sundstrand.

This success prompted further growth. On January 1, 1970 Sundstrand Fluid Handling began operating independently in Denver, CO. During its first year, the Flodyne pump was developed, becoming the predecessor to the Sunflo pump line, which is still sold today.

1970 also marked the opening of a Sundstrand Fluid Handling manufacturing plant in Dijon, France. Focused on manufacturing industrial pumps and compressors for the hydrocarbon and chemical processing industries, the Dijon facility signaled Sundstrand's commitment to the European market. In 1977, continued growth of the

company led to the opening of the Arvada, CO facility. During the late 70s, a goal of meeting increasingly-stringent environmental regulations led to a joint venture with Nikkiso to market canned motor pumps. This effort eventually led to the company's commitment to further develop sealless pumping technologies.

In 1994, Sundstrand Fluid Handling expanded once again with the acquisition of HMD Sealless Ltd., pioneers of the sealless magnetic drive pump, and its master North American distributor, Kontro. In 1998, Sundstrand acquired ANSIMAG – a leading manufacturer of non-metallic sealless pumps, to further bolster the sealless portfolio.

The following year, United Technologies acquired Sundstrand and merged it with the Hamilton Standard division – and Sundstrand Fluid Handling was re-christened as **Sundyne Corporation**. Years later, Sundyne acquired Marelli, greatly expanding the company's offering of API-610 pumps.

In 2012 United Technologies sold Sundyne (and other brands in its Industrials Division) to BC Partners and The Carlyle Group. Under the newly created Accudyne brand, Sundyne focused on streamlining its product portfolio, refining processes and capturing new business. During this period, Sundyne produced a range of enhancements that improved the quality and reliability of its products.

In January 2020, BC Partners and Carlyle Group sold Sundyne to Warburg Pincus, which is one of the ten largest private equity firms in the world, with a strong portfolio of companies in the energy and industrial markets. Warburg Pincus' philosophy is to partner with its portfolio companies, to grow their businesses, and leverage its financial resources to build brands, accelerate growth and enhance opportunities.

Today, Sundyne is at the top of its game. The company's heritage of innovation and integrity makes it a global leader in providing process industry solutions. The addition of Warburg Pincus brings renewed energy, enthusiasm, and resources that will help Sundyne enhance its product line, improve its customer service, and expand globally. Warburg Pincus' and Sundyne's interests align perfectly. As a result – for Sundyne's employees, channel partners, suppliers and customers – the best is truly yet to come...



- Edwin Cedarleaf and Brothers Oscar and David Sundstrand begin operations as the Rockford Milling Machine Company.

◀ **1905**
- Hydraulic pumps, motors and valves are developed, and the Sundstrand Machine Tool Company sells the first oil burner pump.

▶ **1926**

The Sundstrand Machine Tool Company is formed through the merger of the Rockford Tool Company and the Rockford Milling Machine Company.
- Sundstrand develops the first water injection pump for the commercial jet aircraft industry. The pump is designed to boost engine thrust during takeoff.

◀ **1933**
- Sundstrand develops a high-speed process gas compressor for Union Carbide.

▶ **1946**

HMD Kontro debuts the first magnetic sealless drive pump.
- Sundstrand Fluid Handling opens manufacturing plant in Dijon, France.

◀ **1957**
- The first sealless plastic-lined, ANSI pump is developed by ANSIMAG, Inc.

▶ **1962**

Sundstrand develops the first Sundyne high-speed centrifugal pump for Shell Chemical.
- Sundyne introduces products which contribute to the first API-610 and API-685 sealless pumps.

◀ **1965**

Sundstrand Fluid Handling Division is established in Denver, Colorado. The new division manufactures compressors, industrial pumps and other engineered packaging for the hydrocarbon and chemical processing industries.
- Sundstrand Fluid Handling acquires ANSIMAG, Inc.

▶ **1968**

Sunflo pumps for medium duty applications are developed for the pulp and paper industry.
- Sundyne acquires Marelli Bombas in Illescas, Toledo-Spain.

◀ **1970**
- BC Partners and Carlyle Group sell Sundyne to Warburg Pincus.

▶ **1971**

Sundyne introduces technology contributing to the first API-610 sealless pump.
- ◀ **1972**

Sundstrand Fluid Handling acquires Kontro, HMD Sealless Ltd.
- ▶ **1985**

United Technologies Corp acquires Sundstrand Corp and folds it into the Hamilton Standard division. Sundstrand Fluid Handling changes its name and logo to Sundyne Corporation. The Pinnacle flagship compressor product family is introduced at the Texas A&M Turbomachinery Symposium.
- ◀ **1992**

United Technologies Corp sells Sundyne (as part of its entire Hamilton Sundstrand Industrials Division) to BC Partners and The Carlyle Group. Under the newly created Accudyne brand, Sundyne embarks on a 5-year plan to expand its product portfolio and capture new business.
- ▶ **1995**
- ◀ **1998**
- ▶ **1999**
- ◀ **2008**
- ▶ **2012**
- ◀ **2020**

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