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Japanese Technology since 1912

EBARA Pumps Europe - Brand Statement & Company Profile





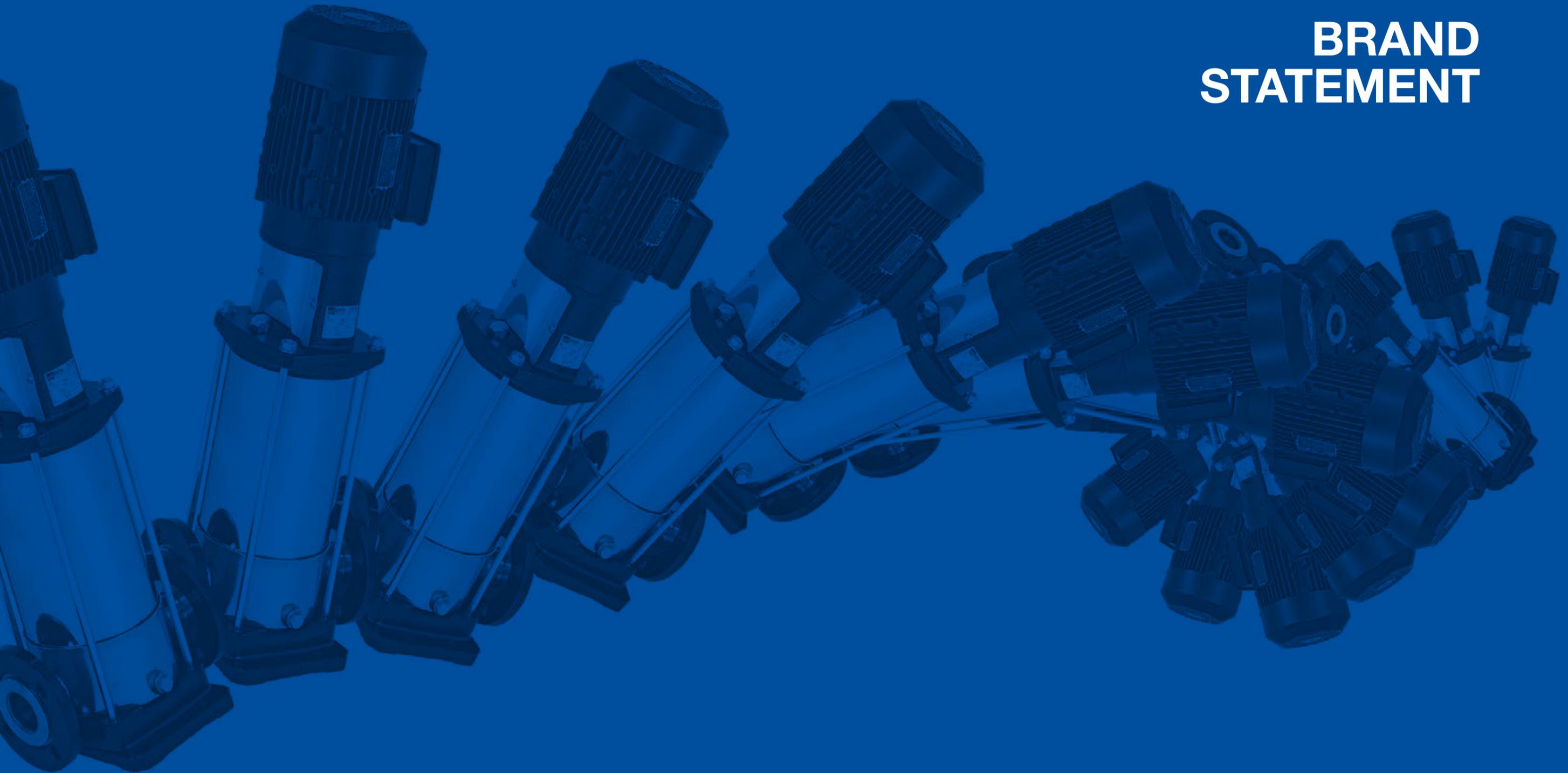
Japanese Technology since 1912

www.ebara-europe.com

OUR DNA IS FROM JAPAN



BRAND STATEMENT



Japanese Technology since 1912

Inokuchi Type Machinery Office was established and founded in Japan by Mr. Issey Hatakeyama **in 1912**, with the desire to develop products according to the theory of centrifugal pumps of Dr. Ariya Inokuchi.

Since the beginnings, in 1912, our work has been based on **quality**: that's the feature that makes **Japanese technology** known in every field.

The continuous research for developing our products and improving society has led us to the **excellence** of today, in **processes and equipments**. And as we know where we come from we are sure what we want to be recognized for.

Netsu to Makoto

Enthusiasm and Sincerity

“Netsu to Makoto” is the spirit of the founders of EBARA. It means involved in an activity that is performed enthusiastically and sincerely, with skill and dedication, and not merely carrying out a task. Since 1912 the spirit of Hatakeyama lives on in today's EBARA and it constitutes an inheritance that must be transmitted to coming generations in order to progress towards the future.



Issei Hatakeyama - Founder of EBARA

Pumping value to future

Our pumps, every day, move fluids. Water allows people to drink, to **take care of themselves** and their families, to live better. Our pumps, **every day, move fluids allowing** agriculture to feed future foods and industries to work, **to produce, to innovate.**

Excellence is of vital importance for EBARA.

Only with **enthusiasm and sincerity** every day, in every stage, with everyone we can contribute to create something excellent which, in turn, **will improve lives:** not only to our customers, most of all, to our world and to our society.



Environment

Our world is ours.

We have to work well with it.

A great product is not only a point of arrival
but it's most of all a point of departure:

we say to ourselves "**Netsu To Makoto**"

not to ensure a wider production to EBARA, or not only,
but because we know that our quality and our technology
will contribute to the construction of a **sustainable society**.

Simplify

What about tomorrow?

What will be useful in the future?

Can we do something better today?

"Kaizen" and "Kaikaku" are essential
to **optimize our production processes**
and at the same time eliminate waste.

We want to make products better and better
and every day we are engaged
in **renewing the way we act and the way we think**.

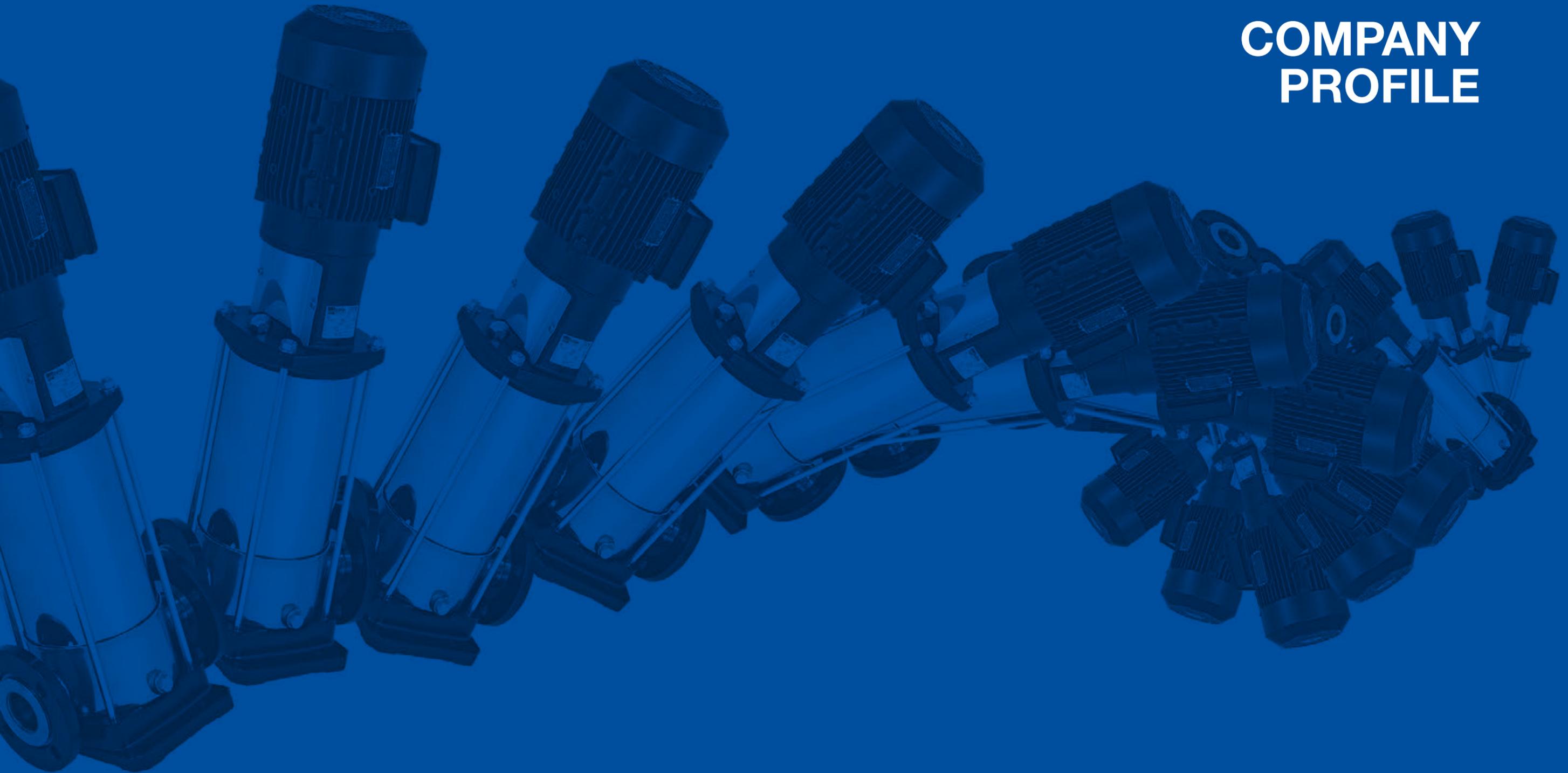
Because tomorrow is yet to come,
but we have to get ready today.



OUR DNA IS FROM JAPAN



COMPANY PROFILE



EBARA Corporation

103 Years history,

Founded in Japan in 1912 by Mr. Issei Hatakeyama, with the desire to develop products according to the theory of centrifugal pumps of Dr. Ariya Inokuchi, EBARA Corporation is a multinational company with 79 subsidiaries and 11 affiliate companies.

The company counts **more than 15.000 employees worldwide** and its products are sold directly in 96 countries around the world.

EBARA Corporation is recognized as one of the world's most important manufacturers of industrial

15.000 Employees

machinery, environmental engineering and water treatment systems, mechanical and chemical polishing systems, vacuum pumps, compressors and other similar products.

The EBARA Group takes the lead in the areas related to **water, air and environment** to respond to customer needs. It globally operates in three business segments:

- Fluid Machinery and Systems
- Environmental Engineering
- Precision Machinery



Haneda

EBARA Corporation was founded in November, 1912. The headquarters is located at Haneda in Japan today.



Sodegaura

Sodegaura Plant was founded in 1975. It produces pumps for large chemical and nuclear plants, compressors and gas turbines.



Fujisawa

Fujisawa Plant was founded in 1965. It produces standard pumps, systems for air conditioning, fans and boilers.



Futtsu

Haneda Plant was moved to Futtsu Plant in 2010. All EBARA's industrial pumps, hydraulic turbines and fans with nominal diameters larger than 4.000 mm are manufactured here.

1910s to 1940s

Founding. EBARA has prevailed against competitors met the needs of customers and society by developing an extensive range of new products.

1950s to 1970s

EBARA responded to industry's needs by expanding its business areas through the introduction of such technologies as compressors and turbines.

1980s to 1990s

EBARA initiated the development of products and technology that save energy and reduce environmental burden.

EBARA Pumps Europe

26 Years history

EBARA Italia S.p.A. **was founded in Cles (Trento) in 1989**, where in 1992 the production was started in a plant fully automated and robotized. In 1998, with the opening of the **new site in Brendola (Vicenza)**, EBARA Italia S.p.A. became EBARA Pumps Europe S.p.A.

Today, in the two locations, **highly technological machines and an organization** based on the model of the Japanese Group are the heart of one of the largest European production centres

500 Employees

of industrial and standard steel pumps, where, at every stage, the processes take place optimizing the use of raw materials and reducing energy consumption.

Here, every day, great efforts are spent to allow a dialogue between experience and research for innovation.



Brendola Plant

Brendola plant is the headquarters of EBARA Pumps Europe S.p.A, it produces industrial and standard steel pumps.



Cles Plant

Cles plant is one of the largest centers in Europe for the manufacturing of stainless steel pumps.



1989

EBARA Italia S.p.A. was established.

1998

EBARA ITALIA S.p.A. name is changed to EBARA Pumps Europe S.p.A. with the main office based in Brendola.

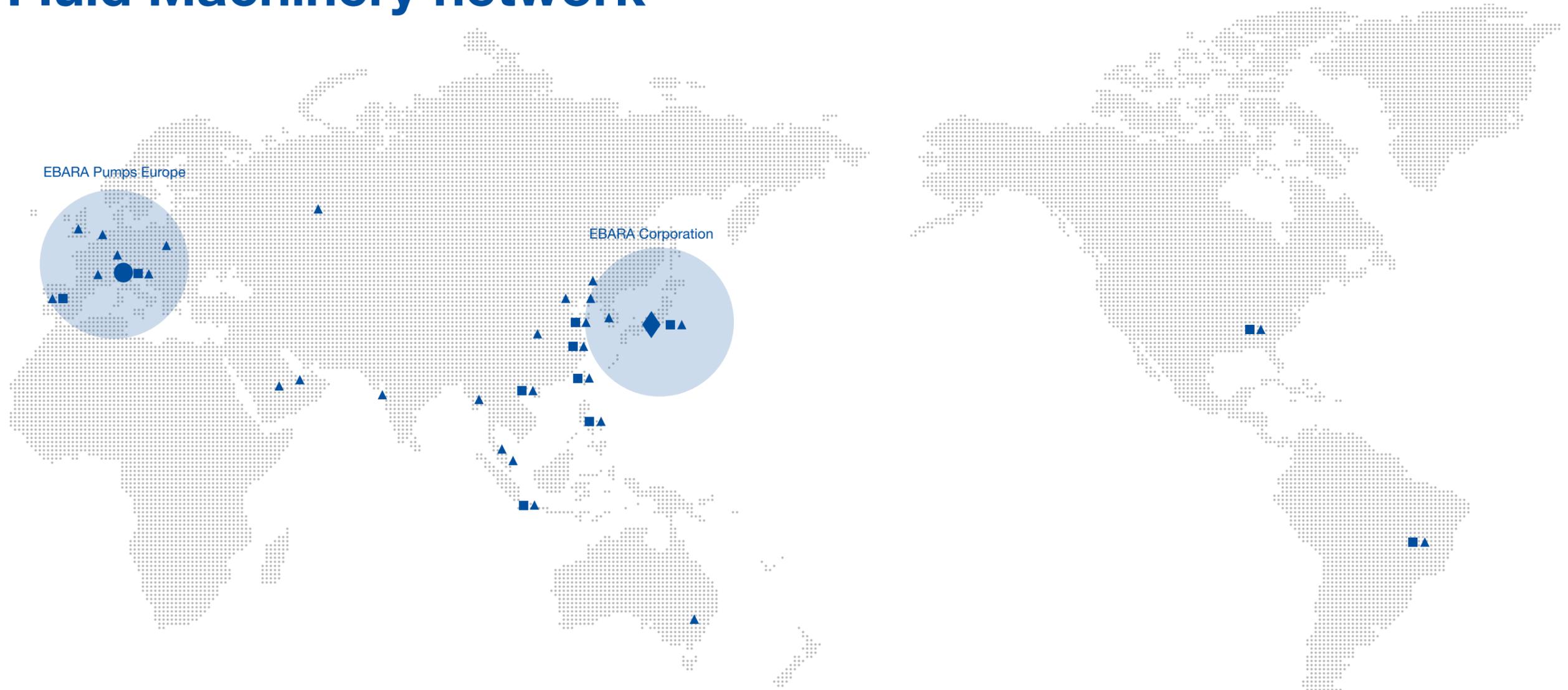
2000s and later

EBARA is working to build a business framework that offers its global customers a total suite of services, from products to service and support.

2012

EBARA Corporation and its affiliates celebrates its 100 year Anniversary.

Fluid Machinery network




EBARA Pumps Europe
2 Plants


Production Facilities
11 Plants


Sales Office
27 Plants


EBARA Corporation Headquarters
1 Plants

Research & Development

Research and development are essential to **valorise the knowledge and resources** that, in the last hundred years, EBARA has invested to obtain its high level technologies, as well as to continue to offer innovations and proposals more and more advanced.

EBARA, supporting research and development, will be in a position not only to **increase added value of products** but also to **reduce costs and improve competitiveness**.

The Engineering and Applied Research Centre, every day, begins from the product concept to design, create and complete products and systems able to meet the needs of new and old customers and have a positive impact on society, for today and tomorrow.

QUALITY

The word “quality” for EBARA refers to the **control system** that has been structured to **verify processes and results**, but not only: the institutional purposes, according to the company’s philosophy, can be reached only if **people trust and are satisfied by the products**. In EBARA the entire manufacturing cycle is involved in a rigorous and complete program of quality control along the production line, where the reliability of the product is tried, optimized and certified. The brand EBARA is today **synonymous with quality**, thanks to the wide experience accumulated in many years, to the certification (ISO 9001), to the flexible and technological manufacturing processes, to the competence and skills of men, to the excellence in materials and to the continuous development of new solutions.





Production



Brendola Plant



Cles Plant

KAIZEN METHOD

According to the spirit of Issei Hatakeyama when he established EBARA, “Netsu to Makoto”, the company supports and implements the **“Kaizen method” for incremental improvements** in the processes. “Kaizen” is a Japanese word that indicates the **ability to change following a method**, because a method is required to identify problems, to quantify them, to establish an improvement plan, to put it into practice and to measure the results.

The benefits cover both the manufacturing processes and the organization, as the solution of problems always **leads people to improve themselves and their surroundings**.

Kaizen is also a great vision to develop the radical improvements, sometimes needed in an organisation, grouped with the Japanese word “Kaikaku”.

ENVIRONMENT

EBARA is widely engaged in building a sustainable society. The company has placed among its objectives the **improvement of the optimal use of water and air**, for the preservation of environmental balance. This is also one of the tasks of the pumps.

Around the world, many infrastructures associated with **environment and energy** involve products and processes developed by EBARA.

As EBARA is itself an industry, the respect and preservation of the environment are also one of the themes that are developed, deepened and managed during the production, trying to **optimize the processes to be the least impacting as possible**. EBARA has obtained the **Environmental Management System Certification UNI EN ISO 14001:2004 (ISO 14001:2004)**.

Fields of applications



INDUSTRY

EBARA offers a wide range of solutions thanks to the extensive experience in the business of electric pumps, developed for more than 100 years, and to the great knowledge of the performance and specifications of stainless steel, a material that perfectly fits various industrial applications. Added to this, the company is able to adapt its solutions to different needs, creating a wide range of “tailored” products and ensuring to customers not only a product, but most of all a pumping system and an efficient and reliable service.



BUILDING SERVICE

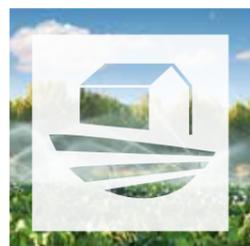
HVAC, pressure boosting, fire fighting

Comfort, well-being and safety are the main necessities that everybody wants to satisfy in his home environment, in his workplace and in his free time. An advanced climate control system, simple and effective in providing heat or cold in the various situations, water management in all domestic environments without waste, and an always reliable security system in case of fire: these are just some of the applications for centrifugal pumps. EBARA Pumps Europe is able not only to provide the right product for these instances, but above all to ensure comfort, reliability and cost savings throughout all the period pumps are used.



DRAINAGE AND WASTEWATER

All around the world buildings and industries produce wastewater, which has to be disposed of in reliable way in order to meet regulatory standards. Our pumps and lifting units guarantee an effective purification with highly reliable systems, both for small household applications and large industrial installations. Whatever the application, EBARA has a fast and efficient solution.



WATER SUPPLY

Municipal/Residential water works, agriculture and irrigation, pressure boosting
Water distribution and treatment is the basic condition for human life, from civil applications to use for agriculture. For this reason EBARA knows to have a great responsibility towards people and environment, and the company constantly works to meet the water needs with great efficiency, while respecting the environment.



PRODUCTS

Legend

- Main Fields
- Second Fields



Product	Industry	Building service	Water supply	Drainage/wastewater
<p>3(L) SERIES Centrifugal pumps standardized to EN733 Capacity: up to 240 m³/h Total Head: up to 93.5 m</p>	●	○	○	
<p>3D SERIES Centrifugal pumps standardized to EN733 Capacity: up to 138 m³/h Total Head: up to 71 m (3D)</p>	●	○	○	
<p>EVMS - EVM Vertical multistage pumps Capacity: up to 84 m³/h Total Head: up to 307 m</p>	●	●	●	
<p>MATRIX Horizontal multistage pumps Capacity: up to 27 m³/h Total Head: up to 97 m</p>	●	○	○	
<p>CD - CDX(L) - 2CDX(L) Centrifugal pumps Capacity: up to 15 m³/h Total Head: up to 71.5 m</p>	●	○	○	
<p>DWO Open impeller centrifugal pumps Capacity: up to 66 m³/h Total Head: up to 17.5 m</p>	●			○
<p>DWC Closed impeller centrifugal pumps Capacity: up to 45 m³/h Total Head: up to 25 m</p>	●	○		
<p>MD - MMD Centrifugal pumps standardized to EN733 Capacity: up to 600 m³/h Total Head: up to 86 m</p>	●	○		

PRODUCTS

Legend

- Main Fields
- Second Fields



Product	Industry	Building service	Water supply	Drainage/wastewater
<p>ENR Centrifugal pumps standardized to EN733 Capacity: up to 2,000 m³/h Total Head: up to 146 m</p>	●	○	●	
<p>HVM Vertical multistage pumps Capacity: up to 15 m³/h Total Head: up to 97 m</p>	○	○	○	
<p>Ego Variable speed circulators Capacity: up to 75 m³/h Total Head: up to 13.5 m</p>		●		
<p>LPS In line centrifugal pumps Capacity: up to 24 m³/h Total Head: up to 19.8 m</p>	●	●		
<p>LPC - LPCD In line centrifugal pumps Capacity: up to 300 m³/h Total Head: up to 68 m</p>	●	●		
<p>CSA/CNA Split casing pumps Capacity: up to 1800 m³/h Total Head: up to 150 m</p>	○	○	●	
<p>CVM Vertical multistage pumps Capacity: up to 7.2 m³/h Total Head: up to 98.5 m</p>		●	○	
<p>MULTIGO Vertical multistage pumps Capacity: up to 7.2 m³/h Total Head: up to 75.7 m</p>	○	●	○	

PRODUCTS

Legend

- Main Fields
- Second Fields



	SWS - SWT Centrifugal self priming swimming pump Capacity: up to 34 m ³ /h Total Head: up to 23 m		●	
	FFS - FFBE Fire-fighting Characteristics of the performances, the number of installed pumps has to be managed by the engineer.		●	
	GP - GPE Pressure booster sets	○	●	○
	GPE with E-Drive Pressure booster sets with inverter	○	●	○
	JES(X) - JE(X) Self-priming pumps Capacity: up to 4.5 m ³ /h Total Head: up to 49 m		○	●
	AGA-AGC Self-priming pumps Capacity: up to 9.6 m ³ /h Total Head: up to 68 m		○	●
	CM(A-B-C-D-R)/CDA Centrifugal pump Capacity: up to 66 m ³ /h Total Head: up to 76.5 m	○	○	●
	IDROGO 5" borehole pump Capacity: up to 7.2 m ³ /h Total Head: up to 75.7 m	○	○	●

PRODUCTS

Legend

- Main Fields
- Second Fields



	COMPACT Horizontal multistage pumps Capacity: up to 7.2 m ³ /h Total Head: up to 79 m	○	○	●
	PRA - PRN Peripheral pumps Capacity: up to 4.2 m ³ /h Total Head: up to 88 m	●	○	○
	3TP - SB3 - WINNER 4N - 4BHS - 6BHE(L) - 8BHE(L) Submersible pump Capacity: up to 126 m ³ /h Total Head: up to 682 m			●
	D Series Submersible sewage pumps Capacity: up to 780 m ³ /h Total Head: up to 54 m	○		●
	DUMPER Submersible dewatering pump Capacity: up to 516 m ³ /h Total Head: up to 88 m	○		●
	DW - DW VOX Submersible sewage pumps Capacity: up to 54 m ³ /h Total Head: up to 20 m	○		●
	OPTIMA / BEST ONE - ONE VOX Submersible pumps Capacity: up to 10.2 m ³ /h Total Head: up to 8.3 m	○		●
	BEST 2-3-4-5 Submersible pumps Capacity: up to 21.6 m ³ /h Total Head: up to 18.4 m	○		●

PRODUCTS
Legend

- Main Fields
- Second Fields



	<p>RIGHT Submersible foul waste water pumps</p> <p>Capacity: up to 18 m³/h Total Head: up to 9.5 m</p>	○	○	●
	<p>D TANK Waste water collection tanks</p>	○	○	●
	<p>BEST-BOX, SANIRELEV Lift stations</p>	○	○	●
	<p>E-Drive Control systems</p>	●	●	○
	<p>PRESSCOMFORT Control systems</p>	○	●	○
	<p>CONTROL PANELS</p>	●	●	●

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