calpeda®

company profile

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we connect
water
to people

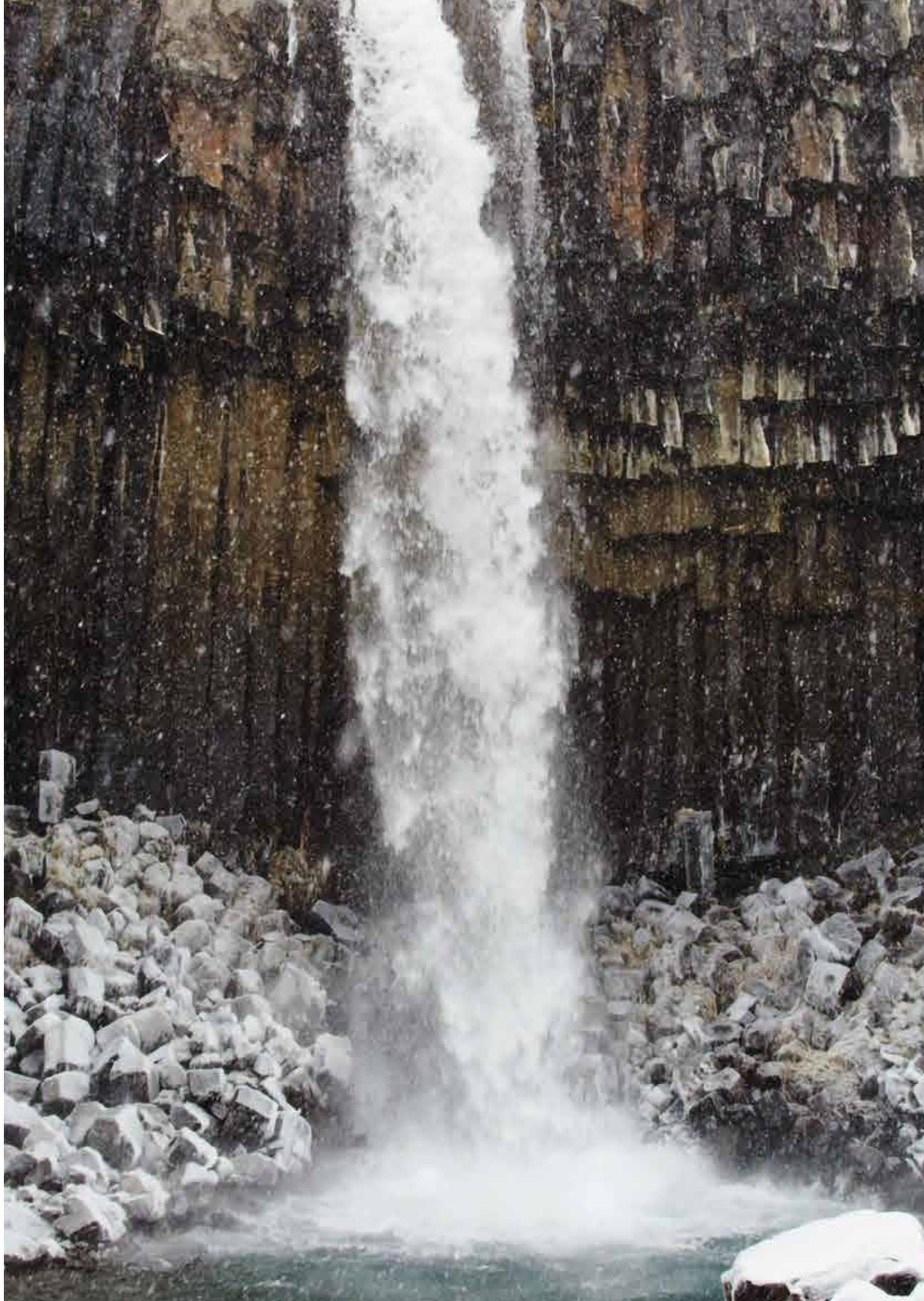
water passion

our group

Water is not negotiable

Since 1959, Calpeda has been a leader in the design and manufacture of efficient, sustainable water pumping solutions, proudly made in Italy. Our strong commitment to technology and innovation ensures that every product we create is safe, reliable, and delivers high performance. Through our advanced systems and services, we provide vital water solutions to millions of people worldwide, every day.

In 2022, Calpeda became part of Wateralia, a holding company established by Ambienta, one of Europe's leading asset managers focused on environmental sustainability. Wateralia is dedicated to the effective and responsible management of water—our planet's most precious resource.



in figures

1959 year the company was founded

15 million pumps produced

150 countries around the world where we are present

5000 international partners and distributors

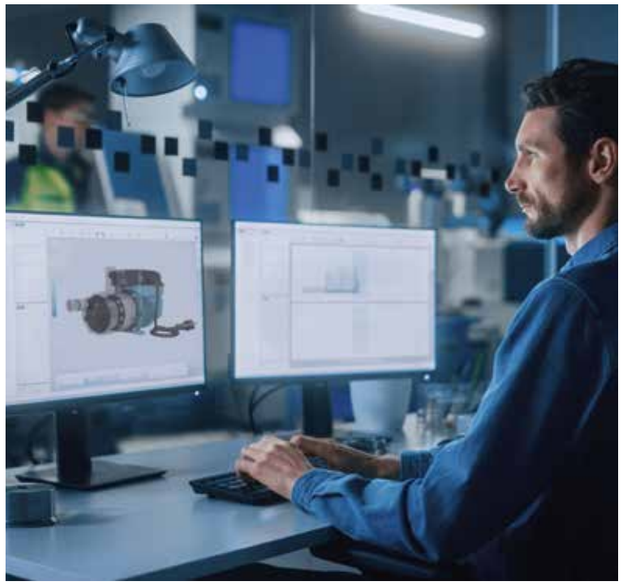
16 subsidiaries

- CALPEDA POMPES S.A.
- CALPEDA PUMPS (IRELAND) LTD.
- CALPEDA KOREA CO, LTD
- CALPEDA PUMPS INDIA PVT LTD
- CALPEDA IBÉRICA S.A.
- CALPEDA PUMPS SOUTHERN AFRICA
- CALPEDA TAIWAN CO LTD
- CAPRARI HELLAS S.A
- CALPEDA PUMPEN VERTRIEB GMBH
- CALPEDA ASIA PACIFIC PTE LTD
- CALPEDA (MALAYSIA) SDN BHD
- CAPRARI TUNISIE S.A.
- CALPEDA LIMITED
- CALPEDA CHINA BEIJING PUMP CO. LTD.
- CALPEDA PUMPS PTY LTD
- CAPRARI PORTUGAL LDA

2 production plants

- MONTORSO VICENTINO ITALIA
- S.VITO AL TAGLIAMENTO ITALIA

3 ESG goals we have



a complete range for every application

We offer an comprehensive range of pumps designed to serve a wide variety of sector, including domestic and residential, industrial, civil infrastructure, and irrigation. Our solutions are renowned for their exceptional efficiency, outstanding performance, and long service life.

With a proven track record in supporting OEM customers, we specialize in fast response times, extensive customization options, and bespoke products tailored to meet specific requirements. In addition, we pioneer advanced applications such as energy-efficient cooling systems for data centers, helping to significantly reduce energy consumption and contributing to a more sustainable future.

domestic and residential

- Pressure boosting
- Domestic irrigation
- Swimming pools
- Drainage
- Heating and air conditioning

industrial

- OEM plants and machinery
- Industrial process
- Heat transfer and circuits
- Waste water treatment

civil and plants

- Surface water lifting and distribution
- Civil pressure boosting
- Circulation and HVAC
- Drainage and sewer

irrigation

- Domestic irrigation
- Deep water withdrawal and irrigation
- Civil irrigation systems

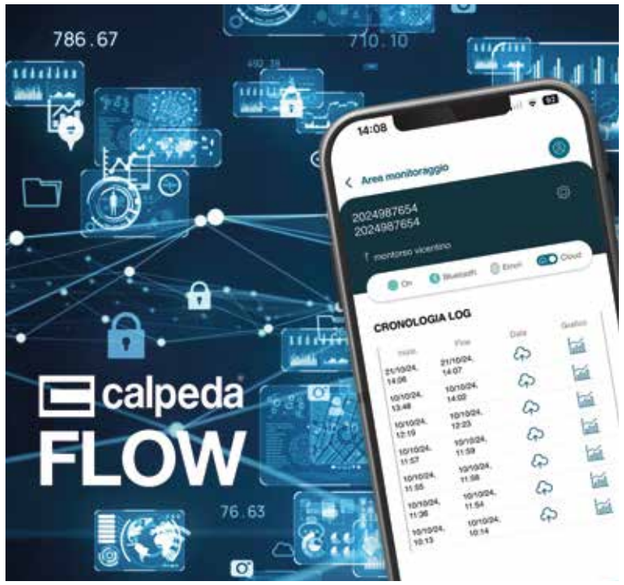
innovation and expertise

At Calpeda, innovation drives the continuous evolution of our product range. By leveraging advanced technologies such as simulations, multi-dimensional analyses, and fluid-structure interaction studies, we ensure high-performance solutions with maximum reliability. Our extensive and specialized expertise enables us to provide flexible and effective solutions tailored to a wide range of needs.

Calpeda Flow: IOT

Digitalization and connectivity are integral to our product development process. The Calpeda Flow app enables seamless remote management and monitoring of pumps via any mobile device, offering our customers enhanced control, efficiency, and convenience.

advanced digital control tools



advice, tailor-made solutions and high reliability

From pre-sales consultation to testing and after-sales service, Calpeda delivers the best possible solutions to meet our customers' needs. We carefully analyze all technical aspects to provide prompt and effective responses to specialized and niche applications, including pumping loaded liquids or addressing unique operational challenges.

The reliability of our products is guaranteed by our fully Made in Italy production, supported by rigorous testing and quality trials to ensure the highest standards of performance and durability.

maximum customisation

- prototyping and redesign services
- use of various materials, including cast iron, bronze, and steell
- supply of special motors and voltage options
- modification of impeller diameter according to specific requirements
- customisation of paint, labels and packaging

state-of-the-art testing facility

- over 1,000 square meters of dedicated testing space
- equipped with advanced measurement and data acquisition systems
- designed to ensure precision, reliability, and performance verification across all product ranges

end-of-line testing

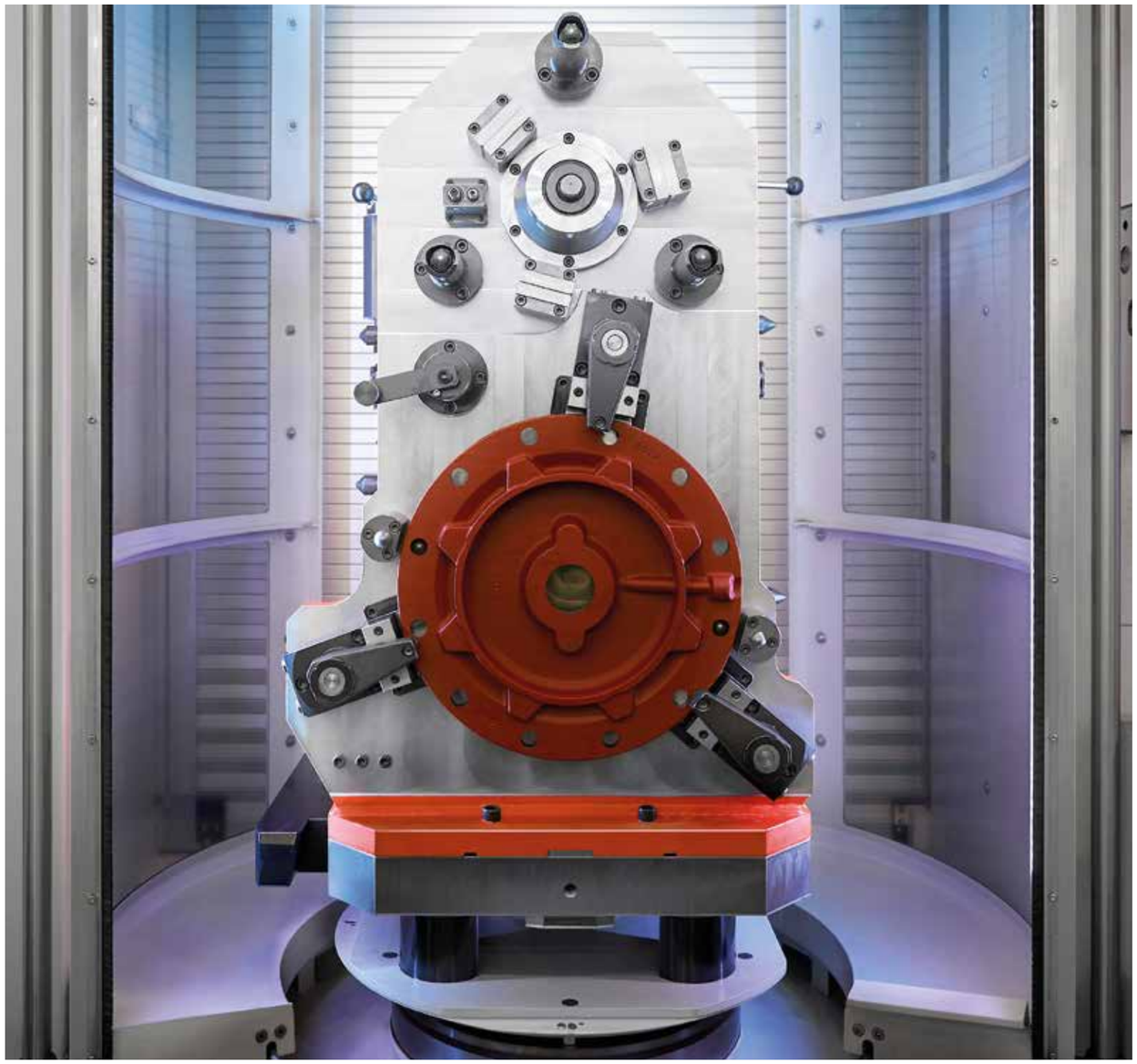
- 100% of products are tested at various stages of the production process to ensures consistent performance, quality, and compliance with specifications

comprehensive assistance

- thousands of service centres worldwide
- spare parts always available

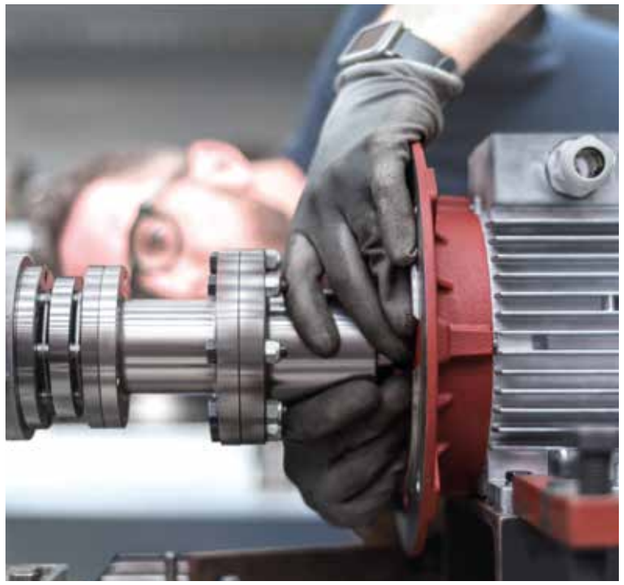
our technology creates value

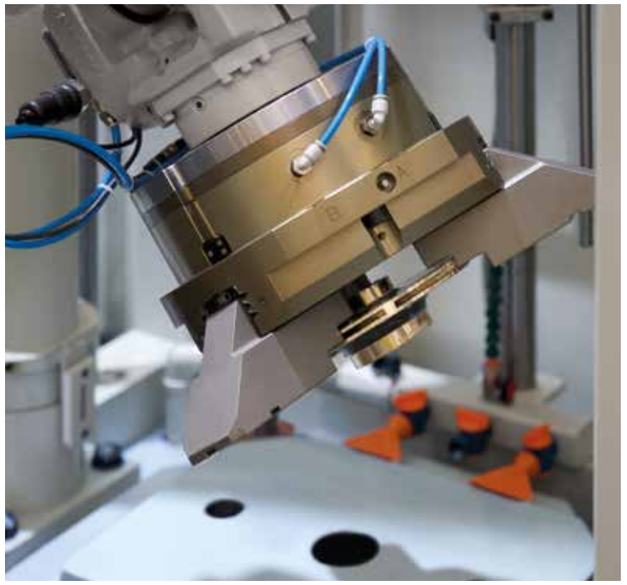
Through a vertically integrated production strategy and advanced process automation, Calpeda efficiently delivers high volumes within short lead times. Our production facilities are equipped with state-of-the-art technology, including cutting-edge machinery, anthropomorphic robots, and flexible, high-efficiency assembly lines. This commitment to innovation ensures consistent quality and the highest standards across all our products.



attention to detail

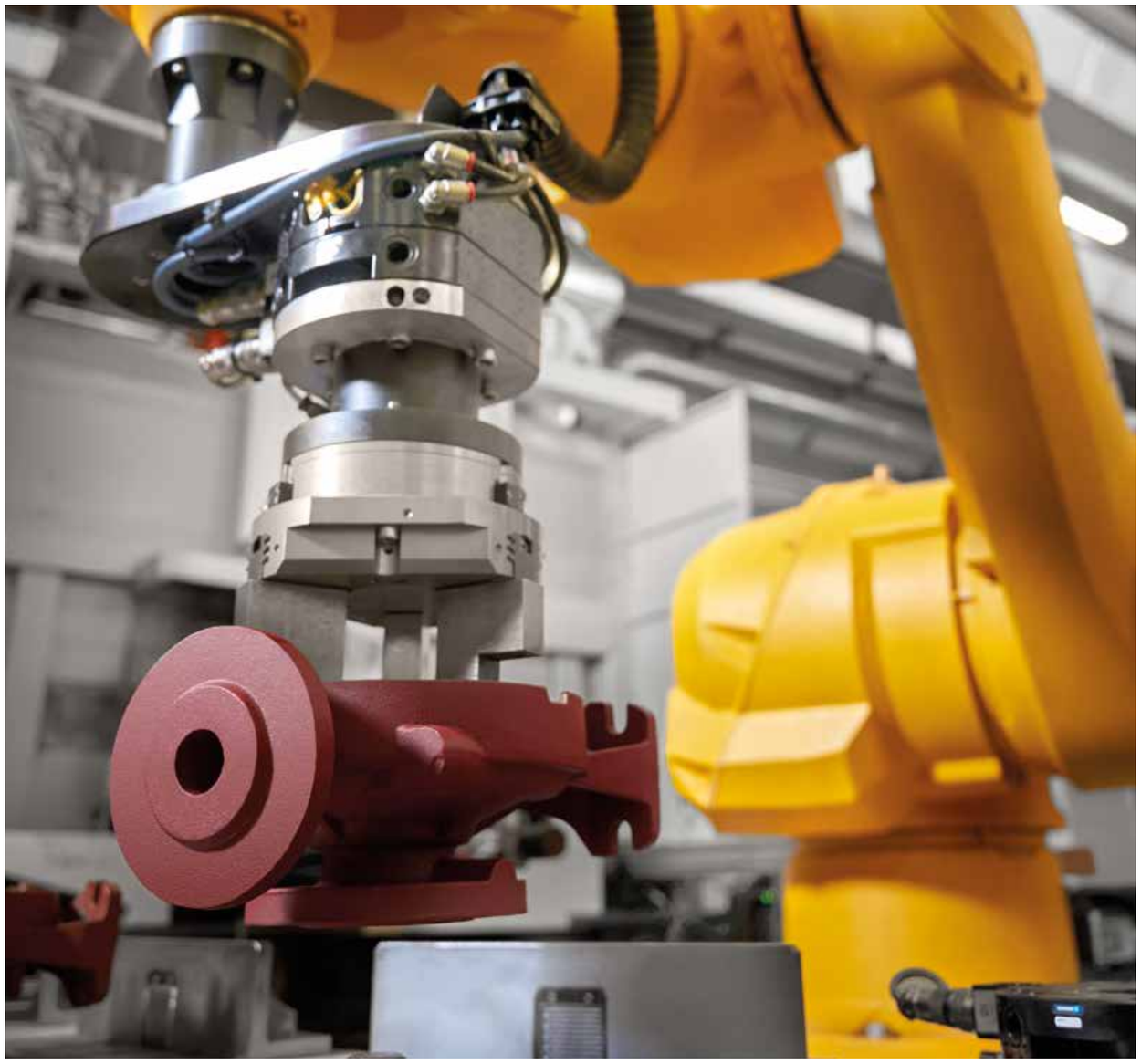
An organisation structured to produce reliable and sustainable products





latest generation machining islands

- machining
- shafts and rotors
- windings and motors



certified quality

At Calpeda, our quality policy is focused on meeting and exceeding customer expectations. We adhere to the highest standards throughout our production processes, to ensure exceptional product performance and reliable service. Our commitment also extends to sustainable production practices. We fully comply with the RoHS directive and REACH regulation, including rigorous control of PFAS content, demonstrating our dedication to environmental responsibility and maintaining customer trust.

Product certifications

System certifications

fast, effective and comprehensive support

Calpeda offers a broad range of support services designed to meet customer needs efficiently and effectively. Our team of specialists are equipped to tackle any challenge, ensuring swift problem resolution. With a continuously stocked warehouse of standard products and spare parts kits, we guarantee quick deliveries and timely responses, ensuring maximum customer satisfaction at every stage.

quick deliveries

orders processed in 24 to 48 hours

product availability in stock

high rotation standard parts always in stock

service and spare parts

extensive global presence

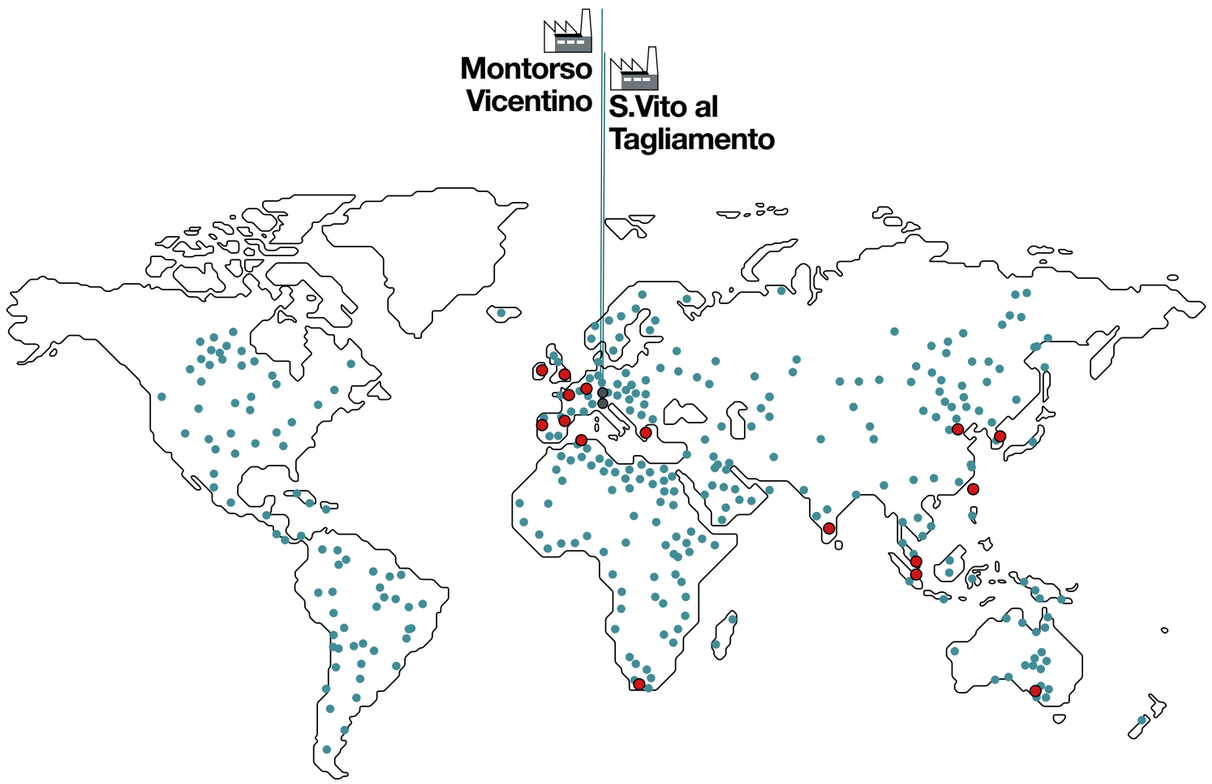
training and support

structured programmes and specific training sessions

network

Calpeda operates a comprehensive global sales and service network. Through our extensive presence and strategic partnerships with distributors and specialized centers, we provide prompt and professional support wherever our customers are located.

We ensure the highest quality standards and fast access to products and spare parts, delivering reliable solutions on a global scale.



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product range

	MÈTA-2 MÈTA S-2	MXHE	MXV-BE	NM, NMD, NMX	NM, NM4 NMS, NMS4	N, N4	NR(4), NRD(4) NR EI, NRD EI	MXH MXH EI	MXP, MGP E-MXP	MPSU	MXVB, MXV MXVB EI, MXV EI	MPC I-MPC	NMP	A
	Horizontal multi-stage variable speed pumps	Horizontal multi-stage variable speed pumps	Horizontal multi-stage variable speed pumps	Close-coupled centrifugal pumps	Close-coupled centrifugal pumps EN 733	End-suction centrifugal pumps EN 733	In-line pumps	Horizontal multi-stage pumps	Horizontal multi-stage pumps	Multi-stage pumps with water cooled motor	Vertical multi-stage pumps	Self-priming swimming pool pumps with built-in strainer	Self-priming centrifugal pump with built-in strainer	Self-priming centrifugal pump with open impeller
CHARACTERISTICS														
Discharge diameter (nominal) DN	G1*	G1*	G1 ÷ G1½* 25 ÷ 40 mm*	G¾ ÷ G2½	32 ÷ 200 mm	32 ÷ 200 mm	32 ÷ 125 mm	G1 ÷ G2½	G1	G1¼	G1 ÷ G2 25 ÷ 100 mm	G1½ ÷ G2	G2 ÷ G3	G¾÷G1¼
Capacity Q (m³/h)	1 ÷ 7*	1 ÷ 13	1 ÷ 13*	1 ÷ 66	1 ÷ 660	6,6 ÷ 900	1 ÷ 192	1 ÷ 66	1 ÷ 7,2	1 ÷ 8	1 ÷ 115	2 ÷ 40	6,6 ÷ 120	0,06 ÷ 6
Head H (m)	11,3 ÷ 50	9,8 ÷ 93,5	12,7 ÷ 126	3,5 ÷ 114	2,3 ÷ 155	0,5 ÷ 95	1 ÷ 84,6	5,4 ÷ 68	5 ÷ 58,5	9,5 ÷ 69,5	3,5 ÷ 246	4,2 ÷ 18	3 ÷ 26,2	3 ÷ 165
Motor rating kW	P1 0,6 ÷1*	P1 1,35 ÷1,8*	P1 1,35 ÷1,8*	0,37 ÷ 9,2	0,25 ÷ 90	0,25 ÷ 132	0,25 ÷ 37	0,25 ÷ 7,5	0,25 ÷ 1,1	0,55 ÷ 1,5	0,75 ÷ 45	0,37 ÷ 2,2	0,55 ÷ 7,5	0,33 ÷ 7,5
Motor rating CV				0,5 ÷ 12,5	0,34 ÷ 120	0,34 ÷ 180	0,34 ÷ 50	0,34 ÷ 10	0,34 ÷ 1,5	0,75 ÷ 2	1 ÷ 60	0,5 ÷ 3	0,75 ÷ 10	0,45 ÷ 10
Nominal speed of rotation 1/min (50 Hz) 1/min (60 Hz)	variable speed	variable speed	variable speed	2900 3450	1450 - 2900 1750 - 3450 variable speed	1450 - 2900 1750 - 3450	1450 - 2900 1750 - 3450 variable speed	2900 3450 variable speed	2900 3450	2900 3450	1450 - 2900 1750 - 3450 variable speed	2900 3450 variable speed	2900 3450	2900 3450
	* value referring to a single pump													
APPLICATIONS														
Industrial and commercial				●	●	●	●	●			●		●	●
Domestic	●	●	●	●				●	●	●	●	●	●	
Agriculture and irrigation	●	●	●	●	●	●		●	●	●	●			●
Swimming pools and spa baths					●	●		●				●	●	
Heating and air conditioning				●	●	●	●	●						
Groundwater														
Wastewater and sewage														
Civil and residential	●	●	●	●	●	●	●	●		●	●			
LIQUIDS														
Water	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Sea water or brackish water				●	●	●							●	●
Superheated water				●	●	●	●	●			●			
Drainage water														●
Hydrocarbons and derivatives				●	●	●	●	●			●		●	●
Diathermic fluids				●	●	●	●	●			●			
Glycol				●	●	●	●	●			●			

product range

	C	CT, T	CA	NGL, NGX E-NGX	NG	MXA	GM 10, GXR GQR, GX ZERO	GQ, GX, GM GK	MPS, MXS, MP, E-MPS	SDP, SDS SDX	NCE NCED	BS	EJ, DJ
	Centrifugal pumps with open impeller	**Peripheral pumps**	**Self-priming liquid ring pumps**	**Self-priming jet pumps with built-in ejector**	**Self-priming jet pumps**	**Horizontal multi-stage Self-priming pumps**	**Submersible drainage pump**	**Submersible sewage pumps**	**Multi-stage submersible clean water pumps**	**Submersible centrifugal pumps**	**Circulators and circulating pumps**	**Pressure boosting sets**	**Fire-fighting sets**
CHARACTERISTICS													
Discharge diameter (nominal) DN	G½ ÷ G1	G1	G1	G1	G1	G1	G1¼ ÷ G1½	G1¼ ÷ G2 50 ÷ 350 mm	G1¼	G1¼ ÷ G5 100 ÷ 220 mm	G1½ ÷ G2 40 ÷ 65 mm	G1 ÷ G2½ 80 ÷ 250 mm	32 ÷ 250 mm
Capacity Q (m³/h)	0,12 ÷ 2,4	0,3 ÷ 8,4	0,25 ÷ 9,5	1 ÷ 8	0,25 ÷ 9,5	1 ÷ 8	1,2 ÷ 30	1,2 ÷ 2800	1 ÷ 11	0,6 ÷ 900	0,5 ÷ 48	1,5 ÷ 570	15 ÷ 700
Head H (m)	6,5 ÷ 53	17,5 ÷ 54,7	15,5 ÷ 74,5	14 ÷ 51	15,5 ÷ 74,5	14 ÷ 51	1,5 ÷ 19,5	1 ÷ 75	7 ÷ 101,2	6,6 ÷ 850	0,2 ÷ 17	10 ÷ 95	20 ÷ 110
Motor rating kW	0,15 ÷ 0,75	0,55 ÷ 1,5	0,55 ÷ 2,2	0,37 ÷ 1,1	0,55 ÷ 2,2	0,37 ÷ 1,1	0,25 ÷ 1,5	0,25 ÷ 180	0,37 ÷ 3	0,37 ÷ 400	0,05 ÷ 1,8	0,45 ÷ 55x3	2,2 ÷ 110x2
Motor rating CV	0,2 ÷ 1	0,75 ÷ 2	0,75 ÷ 3	0,5 ÷1,5	0,75 ÷ 3	0,5 ÷1,5	0,33 ÷ 2	0,33 ÷ 240	0,5 ÷ 4	0,5 ÷ 540	0,067 ÷ 1,75	0,6 ÷ 75x3	3 ÷ 150x2
Nominal speed of rotation 1/min (50 Hz) 1/min (60 Hz)	2900 3450	2900 3450	2900 3450	2900 3450	2900 3450	2900 3450	2900 3450	750 ÷ 2900 875 ÷ 3450	2900 3450	2900 3450	1450 3000 variable speed	2900 3450 variable speed	2900 3450
APPLICATIONS													
Industrial and commercial	●	●	●					●	●	●	●	●	●
Domestic	●	●	●	●	●	●	●	●	●	●	●	●	
Agriculture and irrigation	●			●	●	●			●	●		●	
Swimming pools and spa baths				●									
Heating and air conditioning											●		
Groundwater									●	●			
Wastewater and sewage							●	●					
Civil and residential					●					●		●	●
LIQUIDS													
Water	●	●	●	●	●	●	●	●	●	●	●	●	●
Sea water or brackish water	●	●	●		●								
Superheated water	●	●	●								●		
Drainage water	●						●	●					
Hydrocarbons and derivatives	●	●	●										
Diathermic fluids	●	●	●										
Glycol	●	●	●								●		

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