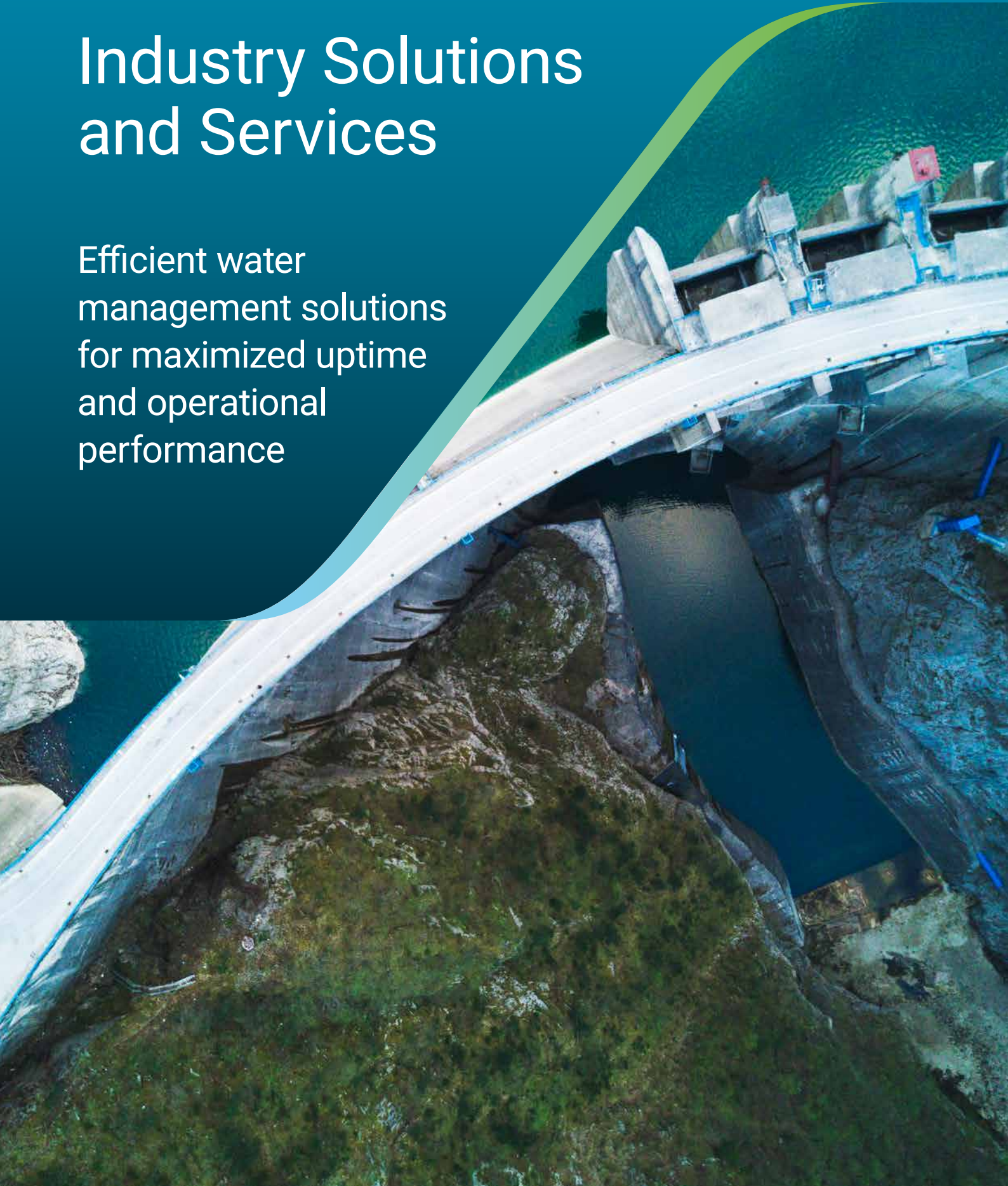


xylem



Industry Solutions and Services

Efficient water
management solutions
for maximized uptime
and operational
performance



Xylem Lowara, a global leader in water technology

Founded in 1968 and based in Montecchio Maggiore, near Vicenza in Italy, Xylem Lowara has been serving customers and users of hydraulic pumps in various sectors for almost 60 years. In 1986 Xylem Lowara was acquired by Goulds Pumps Inc. of Seneca Falls, USA.

The acquisition in 1997 of Goulds Pumps Inc. by ITT Industries made Lowara one of the world's largest pump manufacturing group. In 2011 Xylem completed its spinoff from ITT Corporation, and began a new chapter as a leading global water technology company.

Innovation has always been one of Lowara's distinctive characteristics, as the offer of premium products needs to be maintained and developed over time. Lowara invests economic, human and technological resources in training and research in order to ensure continuous improvements of its products and processes.

Xylem Lowara uses the most advanced research, design and industrial engineering to enhance its global capabilities. This provide efficient and reliable products, services and solutions for the water supply and water pumping needs in the residential, irrigation, building services and commercial markets worldwide.

Xylem Lowara's comprehensive stock and manufacturing facilities enable fast and efficient responses to customer needs.

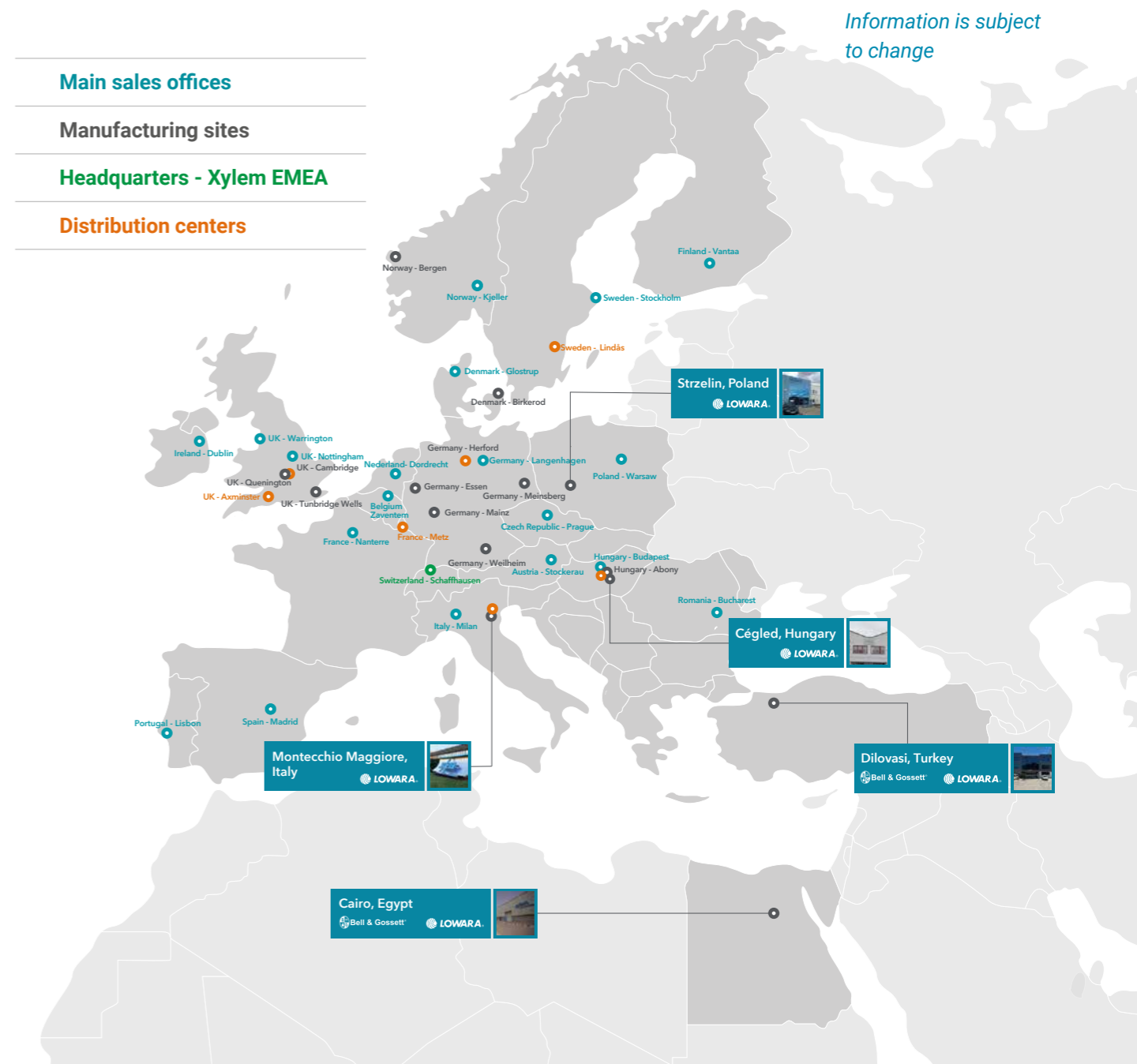
Solutions Deep Dive

Borehole Pumps	06
Single Stage Pumps	07
Multistage Pumps	08
Booster Packages	10
Circulation Pumps	11
Monitoring & Control Solutions	12
Optimize	14



Information is subject to change

- Main sales offices
- Manufacturing sites
- Headquarters - Xylem EMEA
- Distribution centers



Xylem is a Fortune 500 global water solutions company dedicated to advancing sustainable impact and empowering the people who make water work every day.

Xylem connects diverse capabilities and innovative technologies to provide tailored solutions across the entire water cycle. From moving, treating, and measuring water to optimizing and maintaining water systems, Xylem collaborates with customers to solve their most critical challenges. Together, through partnerships with utilities, industrial manufacturers, building operators, and communities, we are building a more water-secure world.

\$8.6B USD 2024 Revenue	250+ service and sales locations
8,300+ patents and trademarks	100+ years of innovation and leadership with leading brands
>23k colleagues with diverse water expertise	~150 countries where Xylem solutions solve water

Everything you need for efficient water and fluid management

Innovation drives business advantage and partnering with Xylem represents a strategic opportunity that can lead to many others. Discover how our advanced water management technologies and deep expertise can help you achieve greater reliability, efficiency, and safety, while reducing long-term operational and maintenance costs.

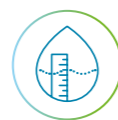


Metals & Mining



Solve Water Conservation

For open pit and underground mines, Xylem has everything to transport, treat and test water throughout exploration, development, operation and reclamation.



OEM



Solve Fluid Management

Whether water is scarce or plentiful, Xylem can help integrate your operations from sourcing to production to reuse in upstream, midstream and downstream applications – including product transport and pipeline integrity management.



Energy & Power Generation



Solve Efficiency

Whether your source is fossil fuel, nuclear, geothermal, or hydro, Xylem provides all the support you need for raw water intake, cooling water, condensate, deaerator, boiler feed, auxiliary water, and wastewater applications.



Aquaculture



Solve Biosecurity

From broodfish to market, our reliable, integrated solutions will help you control costs while making your operations healthier and sustainable at every stage of the production cycle.



Data Centers



Solve Cooling Challenges

From lower energy consumption to maximum uptime, modern hydronics offer a valuable solution to data center cooling challenges including digital solutions and water treatment technologies.



Environment



Solve Regulatory Compliance

The appropriate pumping and treatment of polluted water resulting from various industrial processes is crucial for environmental protection and regulatory compliance. Xylem provides robust and reliable solutions to support your industrial water management needs.



General Manufacturing



Solve Productivity

For water- and fluid management-intensive applications, Xylem pumps, heat exchangers, disinfection devices and monitoring & controls keep the focus on your product, not on your production process.



Food & Beverage



Solve Quality

Water is a crucial input for Food & Beverage customers to ensure the best quality of the end product and Xylem's water management solutions ensure the highest quality while reducing energy and waste.



Agriculture



Solve Scarcity

From water management for irrigation and greenhouses to manure handling and biogas, Xylem has pumps, mixers, water meters and smart solutions to maximize productivity in your farm.



Refining & Chemicals



Solve Water Efficiency

Chemical and hydrocarbon industries use 83+ millions cubic meters daily, often containing impurities. Xylem's solutions ensure reliable, compliant water management, supporting cooling, reactions, and operations from temporary projects to shutdowns, while protecting equipment and the environment.

e-GS, Scuba, Z6, Z8, Z10, Z12

Advantages:

- Compliant with ErP 2015
- Dynamic wear ring (only Z8-10-12)
- Highly resistant to use and abrasion
- Resistant to corrosion
- Available in Duplex stainless steel (only Z8-10-12)
- A choice between oil or water tank motors
- Easy to maintain
- Durable
- Horizontal or vertical operation

Applications:

- Water supply
- Irrigation
- Pressurized systems
- Lowering of the water table
- Fire prevention

Model	Size of borehole inches	Powermax kW	Height Max. m	Max. flow m³/h
e-GS	4"	7.5	340	21
Scuba	5"	2.2	100	11.5
Z6	6"	37	460	78
Z8	8"	150	525	180
Z10	10"	300	545	350
Z12	12"	350	450	520



e-NSC, LS, e-IXP, e-XC, e-SH, SHO, CO, CEA(N)/CIE

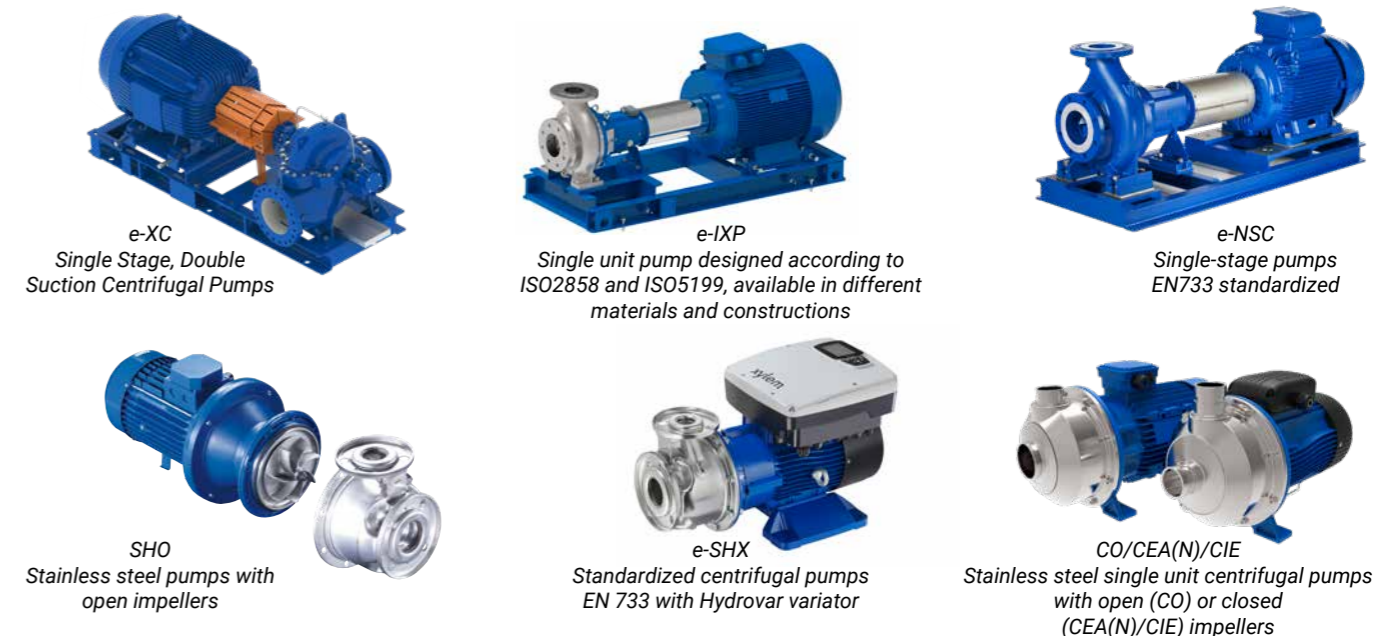
Advantages:

- High output
- Compliant with the ErP 2015 standard
- Compact design (extended shaft versions)
- Easy to maintain owing to its Back-Pull-Out design
- Sturdy construction
- Highly versatile owing to a wide selection of materials - the best solution, irrespective of the liquid pumped
- Speed variation option with Hydrovar
- Option for IE4 motors
- ACS certification for e-NSC, e-SH and CEA pumps

Applications:

- Industrial Fluid transfer
- Sea water and brackish water transport
- RO
- Filtration
- Data Centers
- Boiler feed
- Power application
- Chemical applications
- Water supply
- Transfer of returned hot water
- Heating and Cooling system and chillers
- Fire prevention

Model	Flow max. m³/h	Max. height m	Range of temperature, °C
SHO	56	50	-10°C to 120°C
CO	54	24	-10°C to 110°C
CEA(N)/CIE	31	30	-10°C to 110°C
e-SH	240 (2 poles) - 144 (4 poles)	110 (2 poles) - 27 (4 poles)	-30°C to +120°C
e-NSC	640 (2 poles) - 1.900 (4 poles)	154 (2 poles) - 100 (4 poles)	-25°C to +140°C
e-IXP	1.300	160	up to 180°C
LS	5.400	150	up to 180°C
LC (PN25)	3.800	110	up to 180°C
LCP (PN25)	3.800	80	up to 210°C
e-XC	11.400	220	-20 to 120°C



e-SV, e-MP, e-SVI and e-HM

Advantages:

- Impellers available in different materials (stainless steel, bronze, cast iron) for corrosive liquids
- High output
- Energy efficient and reliable
- Easy to maintain
- Tandem pumps up to 40 bar (e-SV)
- Speed variation option with Hydrovar or smart pump version
- Option for IE4 motors
- ACS certification

Applications:

- Water supply
- Water circulation
- Pressurized systems
- High-pressure washing
- Cooling cycles
- Transfer of process water
- Water supply into industrial boilers
- Lubrication of machine tools

Model	Max. flow m ³ /h	Height max. m	Temperature range °C
e-SV	160	330	-30°C up to +180°C
e-HM	29	160	-10°C up to +120°C
e-SVI	120	240	-30°C up to +120°C
e-MPV	850	630	-25°C up to +140°C
e-MPA/ R/ D	850	950	-25°C up to +140°C
PVa	850	300	up to +140°C
P/ MP300	1.800	300	up to +140°C



e-SV
Fabricated multi-stage vertical pumps



e-HM
Horizontal multi-stage



e-MPA/ R/ D
Casted multi-stage horizontal pumps



e-MPV
Casted multi-stage vertical pumps



e-SVI
Vertical multi-stage with submersible hydraulic unit



GHV, GS, SMB, GXS, GMD

Advantages:

- Complete range: Variable and fixed speed units, also with hydrovar® X frequency converters
- Maximum reliability thanks to redundant design
- Easy setup and commissioning
- Compact design
- High efficiency for energy and operating cost reduction
- Multi-pump operation
- Potable water use

Applications:

- Water pressurization
- Water distribution
- Water transfer



Fast Lane
Ready on stock booster sets

Series	Number of Pumps (up to)	Type of pumps	Speed	Phases	Max Flow m³/h	Max Head m	Max Power kW
GHV	8	e-SV hydrovar X, e-SV	variable	1,3	1280	160	8 x 22
GHV hydrovar® X+ Smart Controller	8	e-SV	variable	3	1280	250	8 x 55
GS	3	e-SV	fixed	3	630	160	3 x 55
SMB	3	e-SVE, e-HME	variable	1,3	90	160	3 x 2,2
GXS/GMD	2	e-SV, e-HM, CEA, BG	fixed	1,3	62	260	2 x 4



GHV hydrovar® X



SMB with e-HME pumps



GHV with hydrovar® X+ Smart Controller

For HVAC systems

Circulation pumps for industrial buildings

ecocirc XL advantages:

- Speed and immediate pressure reading
- Dry run detection
- Analog input (0-10V / 4-20mA)
- Digital input (external start / stop)
- Digital output (signal relay)
- Insulation shell as standard on single head version

ecocirc XL plus advantages:

- Integrated BMS communication (Modbus RTU, BACnet BTL)
- Temperature probe input (differential temperature control)
- Ethernet cable
- Wireless connectivity (module as option)
- Automatic switching for double version



ecocirc XL
single version circulator



ecocirc XL
twin version circulator

Single or double centrifugal in-line pumps

e-LNE (single) and e-LNT (double) advantages:

- Energy efficiency higher than the requirements of ErP standards, high output IE3 motors for the entire range
- Option for IE4 motors
- Speed variation option with hydrovar X
- ACS certification for the entire range

Applications:

- Heat transfer
- Heating and air conditioning of buildings
- Water supply to boilers
- Domestic hot water cycles



e-LNEX
Single version in-line pump with hydrovar X



e-LNT
Double version in-line pump

hydrovar® X

hydrovar® X is an integrated IE5 PM-assisted synchronous reluctance motor and VSD solution developed to connect and optimize Xylem hydraulic pumps. It enables users across a wide range of applications to enhance pump performance while reducing energy footprint and lifecycle costs. With extended I/O, IoT, wireless and wired connectivity, hydrovar® X has a smart interface for easy set up and commissioning.

Applications:

- Deep well water pumping
- Surface water pumping
- Water transfer
- Filtration pumping and backwashing (air or water)
- Membrane/RO system pressure boosting
- Water storage and distribution
- Network pressure boosting
- Fire hydrant supply
- District heating water pumping
- General plant services

Benefits:

- Ultra premium efficiency motor providing full range from 3 to 22 kW
- Graphical color display
- IE5 motor equipped with advance control for the highest efficiency level and to extend the lifetime of the motor
- Multipump capability as standard with no single failure point

hydrovar® X

Voltage: three phase 400V
 Power: up to 22kW
 Multipump capability: up to 8 units
 Power supply: 50/60Hz
 Comms: BACnet & Modbus standard in single pumps
 IES2 package with IE5 motors
 Enclosure rate: IP55
 Ambient temperature: -20°C / +50°C full power

- Communication protocols available soon
- Remote control and management via app
- Preset from factory
- Guided commissioning via Genie
- Complete set of languages

hydrovar® X and Xylem Vue Secure Connect, better together!

hydrovar® X can communicate with Xylem Vue Secure Connect IoT platform enabling to have a complete overview of all connected assets, anytime, anywhere. Xylem Vue Secure Connect collects historical data to analyze trends and generate alerts preventing failures and equipment downtime. You get the right insights to make smarter decisions with the remote and on-site support from Xylem and our partners.



Scan for more about remote monitoring



hydrovar® X+ Smart Controller

Designed to extend the capabilities of hydrovar X+ to larger systems, the hydrovar X+ Smart Controller is an intelligent solution designed especially for applications above 22kW. It offers the same trusted design and functionalities of hydrovar X+, now with greater versatility, providing users with a scalable option without any added complexity.



Applications:

- Water Utilities & Municipal
- Commercial Building Services
- Industrial
- Agriculture & Irrigation



GHV booster sets with hydrovar® X+ Smart Controller

Flow: Up to 1280 m³/h
 Power: Starting from 30kW
 Enclosure rate: IP55 (pump), IP66 (Controller)
 Multi-pump capability: up to 8 pumps

Smart pump range

The Lowara Smart Pump range incorporates state-of-the-art technology to optimize performance, communicate with other building systems and help you achieve your goals. Choose preprogrammed packages for easy, cost-effective installation - and benefit from this system's power, intelligence and performance. The range is available for horizontal and vertical multistage pumps, in-line pumps, and booster sets.



Applications:

- Residential
- Light industrial
- HVAC
- Booster set
- OEM



e-SVE
Vertical multi-stage stainless steel pumps



e-LNTEE/LNTSE
Single and twin in-line pumps

Smart pump range

Voltage: single phase 230V - three phase 400V
 Power: up to 2.2kW
 Multipump capability: up to 3 units
 Power supply: 50/60Hz
 Comms: BACnet & Modbus standard in single pumps
 IES2 package with IE5 motors
 Enclosure rate: IP55
 Ambient temperature: -20°C / +50°C full power
 EMC: single phase C1 - three phase C2 category compliant EN 61800-3
 Harmonics: compliant with IEC/EN 61000-3-2

Optimize

Condition monitoring to optimize you bottom line

The optimize™ modular condition monitoring solution provides health guidance and predictive maintenance advice for rotating and fixed assets such as pumps, motors, heat exchangers and steam traps.

It periodically monitors system vibration and temperature and allows everyday users to access simple-to-use monitoring tools from iOS or Android mobile devices.

Using predictive analysis, optimize identifies potential problems with your equipment before they occur, to help you manage system reliability and maintenance. Information is monitored, collected, stored and analyzed in the optimize sensor. This allows you to understand the current health and historical trends of your assets, create maintenance reminders and generate detailed reports. As a result, you can perform preventative maintenance before issues become critical to uptime.

Benefits:

- Predictive maintenance to monitor the health of mechanical and electrical assets
- Asset management including asset location, size and manufacturing date
- System transparency to optimize reliability
- Optimized reporting that helps to simplify documentation, manage system maintenance and inform purchasing
- The ability to automatically share data with multiple local users
- Conveniently monitor system conditions on our simple-to-use mobile application

Industries:

- Commercial Building Services
- Manufacturing
- Agriculture
- Water Utilities

Condition Monitoring:

- Monitoring the vibration of pumps and motors
- Monitoring the temperature of pump bearings
- Monitoring the temperature of motors to prevent overheating and winding damage
- Monitoring the performance of heat exchangers



The best products are only half the reason to work with us.

Our people make the difference

Industrial-strength thinking helps us engineer, design and manufacture the highest quality pumps and related equipment. But that's not all. We apply the same dedication and expertise to every aspect of our relationship with you. Our people – and how they partner with you – are what makes Xylem the right choice for your industrial water and fluid management solutions.

Our expertise solves the challenge

Nobody spends more time thinking about industrial water and fluid management. With hundreds of thousands of customers and millions of installations, we have more experience across more types of challenges, and can design solutions that provide more value today and tomorrow.

Aftermarket & Service

To provide fast and reliable maintenance and repairs of our Xylem products in all kinds of industries everywhere in the world, we have established a network of authorized, local service providers. We are pleased to recommend our professional and experienced Xylem Authorized Service Partners.

When you go to a Xylem Authorized Service Partner you can be sure to receive qualified, high-quality service. Our partners are trained and certified to provide Xylem specified services, including the following:

- Installation & Commissioning
- Repair & Maintenance
- Maintenance Agreements
- Inspection & Auditing
- Plant and equipment upgrades/refurbishments
- Genuine Spare Parts



Xylem |'zīləm|

- 1) The tissue in plants that brings water upward from the roots;
- 2) a leading global water technology company.

Xylem is a leading global water solutions company dedicated to advancing sustainable impact and empowering the people who make water work every day. Xylem connects diverse capabilities and innovative technologies to provide tailored solutions across the entire water cycle. From moving, treating and measuring water to optimizing and maintaining water systems, Xylem collaborates with customers to solve their most critical challenges. Together, through partnerships with utilities, industrial manufacturers, building operators, and communities, we are building a more water-secure world.

For more information on how Xylem can help you, go to www.xylem.com

xylem.com

xylem.com/lowara

All information presented herein is believed reliable and in accordance with accepted engineering practices. Xylem makes no warranties as to the completeness of this information. Users are responsible for evaluating individual product suitability for specific applications. Xylem assumes no liability whatsoever for any special, indirect or consequential damages arising from the sale, resale or misuse of its products. Subject to change without notice.

© 2026 Xylem Inc. or its affiliate. All rights reserved. Lowara and hydrovar X are trademarks of Xylem or one of its subsidiaries.

02-2026

xylem
Let's Solve Water