Integrated water management solutions to make your power generation more powerful
Your job is to run a productive plant. Xylem’s is to look holistically at your industrial water and fluid management needs and change them from a necessary expense to a strategic advantage through innovation that reduces effort, energy and waste. We leverage four unique strengths to do it:

**Industrial water experts**
With 170 years of experience, we’ve seen it, done it, and designed for it. So, you can trust our Industrial water and fluid management experts to help solve your most complex challenges with the right equipment and services, no matter the application.

**Broad portfolio**
Your process depends on high quality water and fluids. Our reliable, efficient water supply, pressure boosting, industrial water management, treatment and wastewater solutions ensure the fluids you rely on will always be ready to work.

**Smart connectivity**
Our smart solutions ensure real-time monitoring and powerful data analytics for useful insights that remove guesswork and worry from your Industrial water and fluid management system, so it can run at peak efficiency all the time.

**True business partners**
We look holistically at your industrial water and fluid management needs and find ways to change them from a necessary expense to a strategic advantage. That’s the real benefit of working with Xylem.
Maximize Your Efficiency

A different approach to fluid management yields different results. Very different.

Water is crucial to power generation. And regardless of who you are in the value chain or the type of power plant, our industrial water experts can help you master the water cycle to make power generation more powerful.

We offer water management solutions for:
- Hydropower
- Geothermal Power
- Concentrated Solar Power
- Coal fired & Gas fired Power
- District heating

And at every step of the value chain from design to operation
- Power plant designers and engineers
- Original equipment manufacturers (OEMs)
- Power plant operators

Master the water cycle to make power generation more powerful
Xylem Solution for Power Generation

Xylem engineers the highest quality equipment and connects it in ways that reduce the need for water, energy and people power. We offer a full range of ruggedly reliable solutions for power generations:

**End Suction Single Stage Pumps**
With capacities up to 4,600 m³/h, these multi-purpose, cost-effective, rugged end suction pumps are available in a wide range of sizes and configurations, and in accordance with EN 733/DIN 24255/ISO 1999/ISO 2858 standards depending on the specific product. The compact designs save space and are easy to maintain. A broad spectrum of materials and mounting options deliver quality performance specific to your application. Available for rent.

**Multistage Pumps**
With stainless steel or cast-iron construction and multiple suction and discharge orientations, these pumps are designed to handle virtually any high-pressure application including filtered water, boiler feed and boosting, deaeration, and general applications, delivering flows to 1800 m³/h. Available for rent.

**Submersible and Slurry Pumps**
Our patented, self-cleaning pumps set a high standard for clog-free operation and solids control, while intelligent pump functionalities and advanced monitoring and control equipment help it adapt to operating conditions in real time to deliver sustained high efficiency and long-term reliability at lower, more predictable costs. Available for rent.

**Drainage Pumps**
Get automatic priming to 8.5 meters of suction lift and indefinite dry running capability for water, wastewater or industrial fluids with solids up to 125mm in diameter. Our pumps include industry-leading advanced monitoring and control technology for total peace of mind. Available for rent.

**Customized split case & vertical pumps**
Solve complex applications with reliability, efficiency, and uptime in a wide range of uses, including corrosive/abrasive, high/low pressure and single/multistage that can be customized to any application with head pressures exceeding 100,000 m³/h and unbeatable efficiencies of up to 92%.

**UV, Ozone Systems & Turbocompressors**
Highly-efficient UV treatment and Ozone oxidation systems provide chemical-free and environment-friendly solutions for water, wastewater and processed water treatment and high-speed, turbo blowers with a range covering 13 different blower sizes (15-600 kW) and flow rates of 700 to 41,000 m³/hr per blower for a wide variety of industrial applications Available for rent.

**Pipeline Inspection & Water Meters**
Our diagnostic, analytic and consultative solutions lead the market in intelligent pipeline leak detection and integrity solutions for mines, power plants, well and refineries so you can deliver energy as safely and efficiently as possible, monitor assets, defer maintenance intelligently and avoid costly unnecessary maintenance.

**If we don’t have it, we’ll build it.**

**Brainpower: For Rent**
We design, engineer and manufacture our own equipment. And we rent it too. Whether you need a fast-track, temporary fix or cost-effective long-term solution, we can help keep your operation up and running with efficiency, reliability and peace of mind.
www.xylem.com/RentalSolutions
End suction single stage water pumps

**Condensate Extraction**
**Water Circulation**
**Water Cooling**

**e-SHE-SHS-SHF SERIES**
Full stainless steel (AISI 316) pumps: extend shaft, stub shaft and frame mounted
According to EN 733
Capacity up to
Head up to
Power up to
Temperature
Various materials and seals options available

**e-NSCS SERIES**
Closed impeller pumps, stub shaft
According to EN 733
Capacities up to
Head up to
Powers up to
Temperature
Various materials and seals options available

**LS SERIES**
Closed impeller 16 bar pumps frame mounted
According to ISO 5199
Capacity up to
Head up to
Power up to
Temperature
Size
Various materials and seals options available

**e-NSCF/C SERIES**
Closed impeller pumps, frame mounted (elastic or spacer coupling)
According to EN 733 & ISO 5199
Capacities up to
Head up to
Powers up to
Temperature
Various materials and seals options available

**e-LNTE-LNTS SERIES**
Extended shaft and stub shaft in-line twin
Capacities up to
Head up to
Power up to
Temperature
Various materials and seals options available

End suction single stage chemical pumps & Inline pumps

**Condensate Extraction**
**Water Circulation**
**Water Cooling**

**LSB SERIES**
Single stage end suction pump in close coupled (block) design
According to ISO 2858
Capacity up to
Head up to
Power up to
Temperature
Size
Various materials and seals options available

**LS SERIES**
Closed impeller 16 bar pumps frame mounted
According to ISO 5199
Capacity up to
Head up to
Power up to
Temperature
Size
Various materials and seals options available

**e-LNTE- LNTS SERIES**
Extended shaft and stub shaft in-line twin
Capacities up to
Head up to
Power up to
Temperature
Various materials and seals options available

**e-LNEE SERIES**
Extended shaft
Capacities up to
Head up to
Power up to
Temperature
Various materials and seals options available

**LC/LCP SERIES**
Closed impeller 25 bar pumps frame mounted
According to ISO 5199
Capacity up to
Head up to
Temperature
Size
Various materials and seals options available

**e-LNES SERIES**
Stub shaft in-line pumps
Capacities up to
Head up to
Power up to
Temperature
Size
Various materials and seals options available
**Multistage pumps**

- **e-MP**
  - Horizontal multistage pumps
  - Capacity up to 850 m³/h
  - Head up to 300 m
  - Temperature up to 180°C
  - Size DN 50-150

- **P / MP 300**
  - Horizontal multistage pump with bearings on both ends
  - Capacity up to 1,800 m³/h
  - Head up to 300 m
  - Temperature 140°C
  - Size DN 80-300

- **SVI SERIES**
  - Vertical multistage pumps
  - Capacity up to 160 m³/h
  - Head up to 240 m
  - Temperature -30°C to +90°C
  - Size DN 25-125

- **e-SV™ SERIES**
  - Vertical multistage pumps
  - Capacity up to 160 m³/h
  - Head up to 240 m
  - Temperature -30°C to +90°C
  - Size DN 25-125

- **N 3000**
  - Cast iron submersible pumps with N technology
  - Capacity up to 10.800 m³/h
  - Head up to 97 m
  - Temperature 70°C
  - Size DN 100-200

**Submersible & Slurry pumps**

- **Water Intake**
- **Ash slurry Pumping**
- **Wastewater & Treatment**

- **GS/Scuba/Z SERIES**
  - Vertical multistage pumps
  - Capacity up to 25,920 m³/h
  - Head up to 11 m
  - Temperature 40°C
  - Size DN 80-200

- **P / MP 300**
  - Vertical multistage pump with bearings on both ends
  - Capacity up to 1,800 m³/h
  - Head up to 300 m
  - Temperature 140°C
  - Size DN 80-300

- **SVI SERIES**
  - Submersible vertical multistage pumps
  - Capacity up to 160 m³/h
  - Head up to 240 m
  - Temperature -30°C to +90°C
  - Size DN 25-125

- **P 7000**
  - Cast iron submersible propeller pump
  - Capacity up to 25,200 m³/h
  - Head up to 13 m
  - Temperature 40°C
  - Size DN 25-125

- **N 3000**
  - Stainless steel submersible pumps with N, vortex and closed channel impellers
  - Capacity up to 1.080 m³/h
  - Head up to 64 m
  - Temperature 90°C
  - Parts of assortment (C,D 3060)

- **3000**
  - Stainless steel submersible pumps with N, vortex and closed channel impellers
  - Capacity up to 1.080 m³/h
  - Head up to 64 m
  - Temperature 90°C
  - Parts of assortment (C,D 3060)

- **P 7000**
  - Stainless steel submersible pumps with N, vortex and closed channel impellers
  - Capacity up to 1.080 m³/h
  - Head up to 64 m
  - Temperature 90°C
  - Parts of assortment (C,D 3060)

- **5500**
  - Single stage submersible armour plated centrifugal pump
  - Capacity up to 1,000 m³/h
  - Head up to 85 m
  - Temperature <70°C
  - Size DN 100-200

**Installation types:**
- **P**, **S**, **T**, **Z**

**Reduction and avoidance of sedimentation problems**
Drainage pumps

Ash slurry
Pumping
Wastewater & Treatment

Ready Submersible Dewatering pump with or without float switch
Capacity up to Head up to Power up to
50 Hz 18 m³/h 14 m 0.9 kW

2600 Submersible Dewatering pump with or without float switch
Capacity up to Head up to Power up to
50 Hz 320 m³/h 65 m 18 kW

BIBO 2800 Submersible Dewatering pump with or without float switch
Capacity up to Head up to Power up to
50 Hz 320 m³/h 65 m 18 kW

Godwin® Automatic Self-Priming Pump for construction sites and general dewatering
Capacity up to Head up to Power up to
3,500 m³/h 190 m 560 kW

Customized split case & vertical pumps

Condensate
Extraction
Water
Circulation
Water
Intake
Water
Cooling

WS Double suction split case pumps
Capacity up to Head up to Temperature Size
5000 m³/h 160 m <160°C DN 125-2.000

WSY/SSE/SSF End suction dry pit pumps
Capacity up to Head up to Temperature Size
40,000 m³/h 90 m 60°C DN 500-1.400

NSW/NSY End suction dry pit pumps
Capacity up to Head up to Temperature Size
5,000 m³/h 84 m 60°C DN 100-400

VIT Lineshaft vertical turbine pumps
Capacity up to Head up to Temperature Size
11,500 m³/h 120 m (per stage) <100°C DN 300-1.100

WMWC/YDD Vertical column pumps, up to three stages
Capacity up to Head up to Temperature Size
90,000 m³/h 60 m (per stage) 60°C DN 600-3.900
**UV, Ozone Systems & Turbocompressors**

**Spektron Industrial Series**
- UV disinfection water treatment system for the disinfection of drinking water, process water, and other high UV transmitting liquids
- Capacity up to 150 m³/h

**LBX Series**
- Stainless steel reactor with tightly packed multiple Wedeco Ecoray® lamps arranged parallel to the flow
- Capacity up to 2.100 m³/h

**SMOevoPLUS Ozone System**
- for cooling water treatment and other industrial wastewater treatment
- Ozone production 438 – 23.800 g/h of O³

**PDOevoPLUS**
- for cooling water treatment and other industrial wastewater treatment
- Ozone production 6.100 - 277.000 g/h of O³

**TurboMax**
- A direct-driven, high efficiency, turbo blower using the latest airfoil bearing technology
- Motor: 736 kW, 300-43.000 Nm³/h, 74-85dB at 1 meter, 15-375kW depending on size (acc. ISO 3744:1944)
- Integrated air flow meter accuracy of ±3%
- Communication: Profinet (standard), MODBUS RTU and Profinet DP (optional)
- Ambient temperature: -10°C to +40°C (-55°C in special excitation)
- Pressure: 0.2-1.5 bar
- Touch screen: 7" display

**Pipeline Inspection & Water Meters**

**SmartBall® leak detection and mapping platform**
- This free-flowing tool is used for the assessment of pressurized water and wastewater pipelines 203 mm and larger
- Identifies leaks as small as 0.11 liters/min with a typical location accuracy of within 1.8 meters

**Sahara® leak inspection**
- Xylem’s inspection platform uses this tethered, multi-sensor tool to acoustically identify leaks and provide a variety of pipeline condition information in real time, with no disruption to service. Product flow draws the sensor through the water, while it remains tethered to the surface, allowing it to be winched back and forth to confirm the anomaly, and the precise location.
Industrial Strength Design

Our products’ industrial strength design and features have been revolutionizing pump development throughout history. 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.

The original Diffuser
We were and continue to be the original innovators in pump building history with patents filed by Vogel (now under the Lowara brand) in 1910 patenting the diffuser for single and multi-stage centrifugal pumps that revolutionized performance.

Inducer Technology
The inducer function increases the inlet pressure at the impeller of the pump and avoids cavitation damage caused by low NPSH values when pumping liquids close to boiling point and with gaseous media.

Cyclone Seal Chamber
A patented cyclone seal chamber on standard and submersible pumps keeps solids away from the seal chamber and prevents wear on the mechanical seal. Spiral grooves provide a barrier to particles that want to flow inward along the cyclone to the seal chamber. The spiral grooves take up the particles and discharge them from the seal chamber through the cyclone effect.

Bearings, Seals & Hydraulic Materials
Different options available on bearings (roll bearings, greased for life, grease or oil lubricated), mechanical or cartridge seals and hydraulic materials.

Connectivity & Automation
Variable frequency drives to optimize pump performance and a wide variety of monitoring and control options to prevent downtime and maximize reliability.

Industrial Strength Services & Support

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 expertise, engineering services & tools are what makes Xylem the right choice for your industrial water and fluid management solutions.

Easy Pump Selection
The Xylect pump selection program allows you to quickly and easily select the appropriate pump for your application and help you with your design work.

Engineering Services
Hydraulic design / calculations of pump applications / hydraulic conveyor system sections. Material resistance considerations of working machines / pumps.

Total Systems
Configuration of conventional pump technology and submersible motor technology including required auxiliary equipment and pump components (total pump package).

Total Peace of Mind
Whether you need help maintaining your system, finding a way to lower costs, our Total Care portfolio of services will give you total confidence in your system 24/7.

Industrial-Strength Parts
Xylem designs equipment for longevity, reliability, long service cycles and low total cost of ownership. That said, there will come a time when routine maintenance is necessary. Our Genuine parts kits will extend the life longer.
Industrial Strength Thinking Works. Here's Proof.

Customized split case pumps for Cooling Water

Customized vertical pumps for Cooling Water

Multistage pumps for district heating

End suction single stage chemical pumps for condensate
INDUSTRIAL-STRENGTH THINKING SOLVES MORE THAN WATER.

For over 170 years, Xylem has led the way in water and fluid management. We can analyze, customize, engineer, and install a complete solution that will help you focus on your core business, build profitability and solve complex challenges the right way. Give us a call to see what industrial-strength thinking can solve for you.

Xylem |ˈzɪlem|

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

We’re a global team unified in a common purpose: creating innovative solutions to meet our world’s water needs. Developing new technologies that will improve the way water is used, conserved, and re-used in the future is central to our work. We move, treat, analyze, and return water to the environment, and we help people use water efficiently, in their homes, buildings, factories and farms. In more than 150 countries, we have strong, long-standing relationships with customers who know us for our powerful combination of leading product brands and applications expertise, backed by a legacy of innovation.

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

Xylem Europe GmbH
Bleicheplatz 6
CH-8200 Schaffhausen
Tel +41 52 644 52 00
Fax +41 52 644 52 01
www.xylem.com

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