OPTIMIZED SOLUTIONS FOR MUNICIPALITIES

Innovative pumps and systems for water supply and wastewater challenges
Grundfos water and wastewater pumps are unmatched in their efficiency and reliability, so our partners in municipalities can best serve their communities, and everyone can rest a little easier. The need for pumps is essential. But at Grundfos, we design and build more than pumps. We create intelligent systems, controls and monitoring solutions to meet America’s water needs today and in the future.

For more information: www.grundfos.us/wu

Because water matters, and so does your business.

As a company we will contribute by:

- Cutting our water consumption in half by 2025
- Providing safe drinking water to 300 million people in need by 2030
- Becoming climate positive by 2030

The need for wastewater infrastructure exceeds $271 billion in the United States.

Globally, it is likely that over 80% of wastewater is released into the environment without adequate treatment.

It’s projected that in 2025 50% of the world’s population will reside in water-stressed areas.

By switching every pump to an efficient one the world would save:

- 528 billion gallons of water
- 5% of global electricity consumption
NO COMPROMISE
INDUSTRY LEADING EFFICIENCY

GRUNDFOS SL/SE PUMP RANGE

The toughest wastewater applications demand a robust pump that brings together reliability, efficiency and intelligent controls. With the SL/SE range, Grundfos answers this need and offers the industry’s best performing pumps for dry and submerged applications. Optimum wire-to-water efficiency means you benefit from low life-cycle costs while enjoying the trouble-free operation of this innovative design, because today’s challenges demand pumps without compromise.

S-Tube® IMPELLER DESIGN
S-Tube impellers offer world-class hydraulic efficiencies without compromising free passage.

GRUNDFOS ENGINEERED SYSTEMS

With no two projects exactly the same, you deserve a pumping solution as unique as your project. At Grundfos, we leverage our experience and pumping expertise to design and engineer your perfect fit, plug-and-pump Grundfos Engineered System (GES).

Systems begin with any number and combination of Grundfos pumps to best suit the operating conditions. Then, controls and monitoring components are integrated. All GES packages are constructed on a steel base and can be enclosed in a fiberglass or steel structure. GES packages arrive on site pre-wired, pre-piped and pre-commissioned, eliminating the scheduling challenges and cost overruns of a site-built system.
## WATER TREATMENT AND DISTRIBUTION

### BOOSTING PUMPS & SYSTEMS

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td><strong>BM, BMS</strong></td>
<td>Booster module with directly coupled pump and variable frequency drive</td>
</tr>
<tr>
<td><strong>CM, CME</strong></td>
<td>Non-self-priming, horizontal, multistage, endsuction centrifugal pumps with magnetic drive</td>
</tr>
<tr>
<td><strong>CR, CRE</strong></td>
<td>Vertical inline multistage pumps offering industry-leading performance, efficiency and reliability</td>
</tr>
<tr>
<td><strong>CR-H, CRN-H, CRE-H, CRNE-H</strong></td>
<td>Inline multistage pumps for an ANSI dimensional solution</td>
</tr>
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### Dosing Pumps & Systems

<table>
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<tbody>
<tr>
<td><strong>DME</strong></td>
<td>Dosing pumps that combine perfect precision with user-friendliness for large dosing quantities from 15.9 to 248gph</td>
</tr>
<tr>
<td><strong>Digital Dosing</strong></td>
<td>Chemical process solutions for disinfection, flocculation, pH correction and water conditioning</td>
</tr>
<tr>
<td><strong>DMX</strong></td>
<td>Mechanical diaphragm metering pumps</td>
</tr>
<tr>
<td><strong>Dosing Skid System</strong></td>
<td>Complete chemical-feed packaged systems featuring the latest technology from Grundfos Dosing</td>
</tr>
<tr>
<td><strong>Dosing Tank Station</strong></td>
<td>For storing and dosing chemicals, with many configuration options that can be selected and applied to fulfill various dosing tasks</td>
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### INLINE PUMPS

<table>
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<th>Model</th>
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<tbody>
<tr>
<td><strong>VL, VLSE, VLSC</strong></td>
<td>Space-saving inline pumps with integrated motor, variable frequency drive and control with Grundfos sensor technology</td>
</tr>
<tr>
<td><strong>VSM, VSMS</strong></td>
<td>Space-saving vertical space miser pumps available close coupled or axially split</td>
</tr>
</tbody>
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### DOSING PUMPS & SYSTEMS

<table>
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<tr>
<th>Model</th>
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<tbody>
<tr>
<td><strong>OXIPERM PRO</strong></td>
<td>Chlorine dioxide production systems for fighting Legionella and other germs in drinking water</td>
</tr>
</tbody>
</table>
**SPLIT-CASE PUMPS**

**KPV, KPVS**
The innovative hydraulic design, ease of maintenance, low life-cycle cost, and energy efficiency of vertical split case assures maximum benefits for the user in a small footprint.

**KP**
The innovative hydraulic design, ease of maintenance, low life-cycle cost, and energy efficiency of horizontal split case assures maximum benefits for the user.

**END-SUCTION PUMPS**

**LCS, LCSE**
Compact single stage, end suction, split coupled pump with integrated Grundfos MLE motor, drive and control.

**LF, LFE**
Frame mounted end suction pumps available with integrated MLE variable speed motor to optimize energy efficiency.

**MIXERS**

**SMD, SMG, SFG**
Mixers and flowmakers prevent sedimentation and support processes in a variety of applications.

**CONTROLS & MONITORING**

**GRM**
Secure, internet-based remote management system for monitoring and managing pump installations.

**CU362**
The CU362 is the ‘brains’ of the Dedicated Controls system and is used with Grundfos wastewater pumps such as the S, SL, SE, and SEG.

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**EDUCATION ON DEMAND WITH GRUNDFOS TECHNICAL INSTITUTE**

Register with Grundfos Technical Institute (GTI) for a wide variety of technical training at a time that’s right for you. Visit grundfos.us/training for a wealth of content, including:

- Self-paced online courses, webinars and face-to-face classes
- YouTube library of How-To pump application videos
- CEU or PDH qualifying credits on most courses
- 24/7 accessibility from any device
WASTEWATER TRANSPORT AND TREATMENT

SUBMERSIBLE PUMPS

SEG
Submersible grinder pump for pumping effluent and sewage in small communities or areas without sewer systems

SL
Submersible pumps designed to handle sewage, effluent and large volumes of surface and process water

SE
Pumps designed to handle sewage, effluent and large volumes of surface and process water in dry and submerged applications

S
Designed for pumping raw water, unscreened raw sewage, water containing sludge and industrial effluent

MIXERS

SRG
Created to handle large flows against low head

SMD, SMG, SFG
Mixers and flowmeters prevent sedimentation and support processes in a variety of applications

CONTROLS & MONITORING

GRM
Secure, internet-based remote management system for monitoring and managing pump installations

CU362
The CU362 is the 'brains' of the Dedicated Controls system and is used with Grundfos wastewater pumps such as the S, SL, SE, and SEG

LC231/241
Part of the Grundfos range of controls, PLCs and VFDs, this controller, featuring Bluetooth connectivity, is ideal for emptying and filling related to small wastewater transport and tank-filling applications

PROPELLER PUMPS

KPL, KMW
Axial and mixed flow propeller pump
Select, configure and quote engineered pumps or systems in a few easy clicks though the Grundfos Express selection tool. Just enter your customers’ equipment requirements and find details on matching products, including:

- Specs and performance data
- Submittal documents
- Pump schedules

Plus, you can save your inputs in the project portal for future use. grundfos.us/express
WE ARE IN THE WATER BUSINESS WITH YOU

As a pioneer and global leader in water pump technology, Grundfos creates intelligent, sustainable solutions to help solve the world’s water and climate challenges. Through our heritage, we have the experience and innovative capabilities to help our partners, customers and communities move water in an increasingly energy and water efficient manner. We see this as not only a great business opportunity, but as an obligation to ensure the world heads toward a more sustainable tomorrow. Our complete portfolio of pumps and solutions are designed for commercial, residential, groundwater, municipal and industrial applications with emphasis in trendsetting, energy efficient technologies such as permanent magnet motors and advanced pump controls and monitoring. Because water matters, and so does your business.

To learn more, visit grundfos.us or follow us on Facebook and LinkedIn.