



# Tech notes

Pre-engineered Lift Stations for Wastewater, Stormwater & Industrial Pumping

Sept./ Oct. 2007

Product Information & Updates • Installation & Technical Tips

## THIS EDITION OF

**TECH NOTES** introduces our readers to the new Romtec Utilities website, [www.RomtecUtilities.com](http://www.RomtecUtilities.com). We have completely renovated the site to provide more information and interactive features in an easy-to-use format. Our new site offers these features:

- **Easy navigation** to the lift station category you are interested in: Stormwater, Wastewater, or Industrial.
- **A wealth of details** available within each category on both Custom and Standard models.
- **Downloadable** system brochures and drawings.
- **Convenient** viewing and printing of complete catalog and Scope of Supply list.
- **A News center** where you can read the latest industry articles, and a Newsletter section containing past issues of Tech Notes.

We'll be at WEFTEC '07 in San Diego. Please visit our booth, #2423, for displays and demos of the quality components that make our pre-engineered lift stations work.

ITT Flygt is a strategic partner of Romtec Utilities and the world's leading manufacturer and supplier of submersible pumps and monitoring systems



## [www.RomtecUtilities.com](http://www.RomtecUtilities.com): Bigger, better and easier to use



Design your Lift Station  
and  
GET A QUOTE

See  
Video



Romtec Utilities is a  
Dedicated Integrator of  
ITT FLYGT products

Pre-Engineered Lift Stations For Wastewater, Stormwater & Industrial Pumping Applications

Home | Contact Romtec Utilities | Scope of Supply | About Romtec | Catalog | Free Newsletter | News

Romtec Utilities designs & supplies complete pre-engineered submersible pump stations for municipal/industrial use:

- Wastewater Pumping
- Stormwater Pumping
- Industrial Water Pumping

Romtec Utilities serves:

- Civil Engineers
- Public Works & other local, state & federal agencies
- Land Developers
- Civil Contractors

Romtec pump stations are:

- Less expensive
- Better designed
- Delivered & installed faster

Romtec lift stations include ALL Structural, Mechanical, Electrical & Communications:

- Precast concrete wet well
- Pre-assembled valve & flow meter vaults
- ITT Flygt simplex, duplex & triplex pumps
- UL-listed electrical control panel & SCADA
- Cummins standby generator

Wastewater  
Lift Stations

Custom Standard

Stormwater  
Lift Stations

Custom Standard

Industrial  
Lift Stations

Custom Standard



Romtec Utilities, Inc. | 541-496-9678 | Contact Us | Document Center | Site Map

Search  Go

Romtec Utilities' redesigned website offers an efficient way to get the information you need on our pre-engineered lift stations.

People today are making better use of their valuable time by using the Internet as a tool for research. Our customers tell us they are increasingly going online to collect information, and in response, Romtec Utilities has undertaken a complete retooling of its website.

The revamped site, [www.RomtecUtilities.com](http://www.RomtecUtilities.com), now provides more in-depth information in an easy-to-find format. You'll

find complete details on Standard and Custom lift stations; downloadable fact sheets, brochures and catalogs; a News section;

a Tech Notes archive; and more tools to make *your* job easier.

*Continued on page 2*



18240 North Bank Rd., Roseburg, OR 97470  
541.496.9678 • [info@romtecutilities.com](mailto:info@romtecutilities.com) •

[www.romtecutilities.com](http://www.romtecutilities.com)

# Tech notes

Pre-engineered Lift Stations for Wastewater, Stormwater & Industrial Pumping

# ROMTEC UTILITIES

18240 North Bank Rd., Roseburg, OR 97470  
541.496.9678 • [info@romtecutilities.com](mailto:info@romtecutilities.com) • [www.romtecutilities.com](http://www.romtecutilities.com)

Continued from page 1

## Download the details

We want visitors to our site to have all the information they need on lift station systems, and we have loaded the site with examples, photographs and downloadable details. You can explore our systems in detail on your own schedule and without even leaving your office.

The Romtec Utilities home page provides three categories to choose from: Stormwater, Wastewater and Industrial applications. Each category contains several examples of both Standard and Custom systems.

Clicking on the Wastewater Lift stations “Custom” tab, for example, will bring you to a page detailing a specific project. The system is described in great detail, as is the need it fulfills.

The introductory 3D photo illustration shows the finished site, as well as all underground components. Other photos showing features, installation and the finished site are just a click away.

Each lift station example features a downloadable system brochure, and downloadable drawings. Not quite the application you are looking for? Click on the “Next” tab for more systems.

## Tools for you

It’s easy to design your lift station online and get a quote fast. Our simple seven-step **Lift Station Design Form** can be filled out online and sent directly to Romtec, or downloaded as a pdf and faxed to our office. The downloadable **Scope of Supply** list details all available standard and optional components,

The screenshot shows the Romtec Utilities website interface. At the top, there are buttons for 'Design your Lift Station and GET A QUOTE' and 'See Video'. Below this is a navigation menu with links for Home, Contact Romtec Utilities, Scope of Supply, About Romtec, Catalog, Free Newsletter, and News. The main heading is 'Design Your Lift Station and GET A QUOTE'. Below the heading, there are instructions to fill out a lift station design form, with links for the online form and a printable PDF. A diagram of a lift station is shown with seven numbered callouts: 1. What is your FORCE MAIN LENGTH (TRAVERSE & MATERIAL) TO NEW or EXISTING?; 2. What is your CHANGE IN ELEVATION from PUMP ELEVATION SITE to FORCE MAIN DISCHARGE POINT?; 3. What is the EXISTING WATER DEPTH?; 4. What is your FLOW DESIGN POINT (Maximum flow to lift station)?; 5. What is your ST ANDY GENERATOR REQUIREMENT? (Powerload, Watts, Torque, RPM); 6. What is your 30 DAYABLE POWER SUPPLY?; 7. Do you require a BUILDING (excavated, precast, concrete and other equipment)?

The site provides all the tools necessary to request a custom quote from Romtec Utilities.

features and services for each individual Romtec Utilities lift station. We also offer a three-minute **video** that demonstrates some of the features and benefits of our systems. Our catalog is even available for download from our website.

## News and more

The documents center on the Romtec website is a database of useful resources pertaining to the water management industry. By clicking on the “Press” tab, visitors can read copies of articles featuring Romtec products, and access links to publications of interest. Our “Newsletter” tab leads the way to a three-year archive of “Tech Notes,” as well as a mechanism to subscribe to the popular e-newsletter.

Our goal is to provide you with a feature-rich, easy-to-use website that provides

the information and tools you need. We are always interested in improving our products, so if you have a suggestion on how we can improve, please drop us a line—just click on the “Contact Romtec Utilities.”

## For More Information:

Romtec Utilities provides complete pre-engineered lift stations for the Stormwater, Wastewater and Industrial markets. We help you meet your deadlines with a pre-engineered system that typically delivers to the job site six to eight weeks from the date of submittal approval. For more information, call Romtec Utilities at 541-496-3541 or visit our website at [www.romtecutilities.com](http://www.romtecutilities.com).

The screenshot shows a detailed page for a 'Custom Wastewater Lift Station System'. The title is 'ROMTEC UTILITIES DUPLEX - 6' X 17' CUSTOM SYSTEM including Wet Well, Valve Vault, Electrical Controls, Generator, Odor Control, SCADA & Control Shelter'. Below the title, there is a 3D rendering of the lift station. The page lists various components and services included in the system, such as City Specified Multi-rate controller, SCADA system, auxiliary power & other monitoring systems, Generator-wet well, full & confined space entry control, 11-20 second hatch, starter casing, Pump disconnect panel, all above or island, cable hatch, Piping & accessories, all of concrete steel, ITT Flygt pumps, 10" (10) 231P, Level monitoring & control, Priority - MultiTrade probe, Redundant Back-up - Multi-rate probe w/MTR relays, Concrete valve vault, 11-20 hatch hatch, 4" system, check & plug valve, discharge pressure gauge, 10-gallon pumping port, generator, Cummins 60 KW WA 1-3, steel tank, sound attenuation, Weather shelter, galvanized steel joint & beam open structure, Electrical control, UL listed, Generator/Alternator, Inverter, starting, SCADA system, Odor control, Tri-Block Odorator 2000. The page also lists 'ROMTEC UTILITIES FREE DESIGN SERVICES INCLUDED', such as All lift station sizing, design, drawings, specifications, All structural & mechanical drawings, All control & communication design & drawings, Layout of equipment on the site plan, Development of submittal documentation, Secure agency approval of submittals, Provide onsite construction advisor & start-up services, Provide operations & maintenance manuals, onsite training of agency personnel.

Detailed information on custom lift station systems is available for viewing and downloading.