



Water Filling



Water Filling Management Made Simple.



The SureFill is a fully automated stand-alone solution for the filling of bulk water hauling trucks. With SureFill Water Filling Stations the proper management, administration and control of water dispensing is made effortless, allowing you to make the most of this valuable revenue source.

The Surefill system includes but not limited to:

- Heated/insulated weather proof enclosure - suitable for harsh and cold environments.
- Back flow preventer (NSF certified – optional)
- Flow controller and shutoff valve(NSF certified – optional)
- Watermeter (NSF certified – optional)
- Drain Solenoid Valve (NSF certified – optional)
- Piping and fittings – 316 SS
- Hauler station
- Software for management and billing purposes.

SPECIFICATIONS

WaterSafe Enclosure

- Aluminium, ASSE 1060 Certified
- 1830 mm (L) x 1145 mm (W) x 1525 mm (H)*
- c/w 2 x 1500 W heaters & thermostat

Max Flowrate

- 190 - 1930 LPM (for 75mm piping)
- Recommended flowrate 1000-1100 LPM*

Power Requirement

- 110 VAC / 1 Phase / 60Hz / 50 Amps

Pressure Range

- 10 - 150 psi

Operating Temperature

- -35°C to +50°C

Accuracy

- $\pm 2\%$

Water Inlet

- 75 or 100mm*

Water Outlet

- 50 or 75mm*

*(Customized Sizes Available)

Users are provided with a personalized Access Card which allows them to utilize the SureFill station.

User Instructions:

- Swipe Access Card
- Upon authorization, the user shall enter the necessary volume to be dispensed.
 - A “Start” and “Stop” button will become accessible. Water will begin dispensing once the start button is pressed.
 - While water is being dispensed, the drain valve will remain closed, and will be called to open once the transaction is complete.
- Water will continue dispensing until one of the following occur:
 - Requested volume has been reached.
 - Stop button is pressed
- Receipt will be printed showing transaction information. Station is now ready for the next user

Client Software Package for Billing

- To be installed: On Client Compute
- Features: Bulk Water Station activity reports, Data Management, Report Generation, Data Logging, Non-volatile memory
- Communications: Ethernet or Wireless



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PortALogic

A Product of EleMech, Inc.

WATER FILL STATIONS

WITH MANAGEMENT SOFTWARE

FOR DISPENSING
WATER TO TRUCKS



MODEL FS-22



Made in the U.S.A.


WHAT IS PORTALOGIC?


PortALogic is a complete system – hardware and software – designed to manage water dispensing that is reliable, economical and easy to use.


HOW DOES PORTALOGIC WORK?

PortALogic is an integrated solution enabled by evolving technologies that provides an efficient way to manage bulk water dispensing. This smart investment automates record keeping and minimizes administrative time for municipal, oil and gas, and industrial applications. The stations are powered by PortALogic management software which controls access, security, and billing.


Stations are simple to operate. Users input their payment information into the secure payment terminal and pump the desired amount. Stations provide multiple payment options, the ability to generate new accounts, collect data and run reports remotely.


 **Cost-effective solution** lets water sellers remotely manage usage without an attendant.

 **Affordable, modern upgrade to outdated coin systems.** Flexible payment collection options including pre-pay accounts, billed accounts and credit and debit card payments.

 **Simple to install units** come fully assembled, tested and ready to install. All PortALogic controllers can easily be retrofitted to existing equipment, or EleMech can provide a complete solution.

 **Expandable for multi-station operations,** allows operators to manage one or multiple stations from any location.

 **Automatic reporting** includes error and system logging, remote updating of software, and automatic email notifications for system warnings and faults.

 **Manage stations and data remotely using PAL™, our mobile app.** Available for iOS or Android devices, PAL lets operators remotely set up operating schedules, generate reports, email status reports, and see detailed information about individual stations.

For more information or for a free software webinar call us at 630-499-7080, or visit our website www.portalogic.info.

SOLUTIONS FOR EVERY APPLICATION



- Completely automated station dispenses potable water to authorized users
- Haulers can select to fill from an overhead discharge or a side connection point
- Uses long-range antenna network connectivity



- Multi-lane water dispensing station with 24/7 access
- Truck connections on either side allow up to six trucks to fill at the same time
- Able to provide water to over 200 trucks daily with average fill times of 11 minutes.



- Hauler station dispenses effluent water from the wastewater treatment plant
- Trucks purchase reuse water for construction, landscaping, hydraulic fracturing, etc.



- Remote water hauling station dispenses potable water
- Solar panels provide 100% of the electricity needed for operation
- Unmanned stations primarily used by the U.S. Army

NEW FS-10 Water Controller



1 Simple Screen Prompts Guide Users. Press Display Buttons to Change Screens

2 Account Holders Enter Their 6 Digit Account Number, 4 Digit Activation Code, and Desired Volume

3 Customers Can Pay by Credit Card or Debit Card or Use Swiper to Refill Pre-Pay Cards

4 Detailed Transaction Report and Receipt Prints From the Side-Mounted Printer

5 Instructions Are Printed in Both English and Spanish



Simplify station monitoring using your smart phone and our PAL mobile app.

For more information or for a free software webinar visit our website www.portalogic.info, or call us at 630-499-7080.

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PortALogic

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Management Software

Included with Each PortALogic Station

For Monitoring Stations and Managing Billing

Receiving waste into your facility or dispensing water out to haulers needs critical attention. Managing these processes irresponsibly could have adverse effects. Without an efficient process in place, it can also be costly. You see firsthand the challenges your facility faces and understand the importance of security, record keeping, and minimizing costs. Ensuring your receiving process is successful matters to you and to us.

We are EleMech, we created PortALogic stations to help you manage water and waste. Our sole mission with PortALogic is to help facilities manage water and waste responsibly while decreasing costs through our automated stations paired with our PortALogic management software. Since 1987, facilities have been looking to us to provide stations that meet their unique needs. Get started with us and let us help you meet your goals.

Buy Now - Call EleMech, Inc. at 630-499-7080 to order a station for your site

Software for Water and Waste

PortALogic seamlessly communicates with one or more PortALogic water and waste stations. It helps you manage waste receiving and water dispensing through automated record keeping and reporting. Users can see when a truck is connected, what customer is using the station, the volume, cost, and more.

SPECIFICATIONS

System	Created for Windows® XP, Windows® 7, and Windows® 8 32 or 64-bit, 1.80 GHz or higher microprocessor 2 GB RAM for XP, 1 GB of available hard disk space
Data Collected	Stores customer, truck, date, time, receipt number, volume, cost, balance, water/waste type, pH, alarms, and more
Data Storage	Data is automatically uploaded into a secure SQL database Database is easily backed-up and restored
Users	Unlimited number of software users
Integration	Manage multiple PortALogic Water and Waste Stations at separate locations with 1 centralized database
Reports	Preformatted reports can be exported as PDF, Excel document or data can be easily imported into accounting software
Networking	Ethernet or cell modem provides real-time access to data

INSTALLATION

PortALogic management software can be installed on any number of the facility's PCs. An EleMech Technical Specialist will help you with the software installation over the phone and provide an introductory software webinar.

PREFORMATTED REPORTS

Activity Reports

Revenue Reports

Customer Billing Statements

WARRANTY

Management software updates and phone support is provided for two years from date of shipment.

For Every Department

Administrators

Manage accounts and monitor stations



Accountants

Extract data and generate reports



Lab Personnel

Enter sample information



PortALogic Features

Control and Monitoring

Manage one or more stations comfortably from your office. You can activate or deactivate truck privileges, view station usage in real-time, set station hours, and more.

Customer Accounts

Easily create accounts for new customers and tie trucks to their accounts for easy tracking. Accounts can be set up on a credit or debit basis with balances automatically calculated.

Preformatted Reports

Generate preformatted activity reports, revenue reports, and customer billing statements. Reports can be exported as PDFs or Excel Documents.

Users

PortALogic can be installed on any number of computers at your facility. Set different user privileges such as read only, read and write, or admin.

Automated Record Keeping

PortALogic automatically synchronizes with the stations. Transaction details such as customer, truck, time, volume, cost, and more are stored in real-time.

Sampling

If a sampler is included with your station, you can easily set the sample frequency of all trucks or just a couple. Lab results of sampled loads can be stored in PortALogic.

Water/Waste Rates

PortALogic allows you to assign multiple water and waste type rates.

Home Screen of PortALogic

View complete customer list with account numbers and balances

See more detailed information about the selected customer

Create reports for the selected customer

Drag and drop column headers to quickly evaluate and sort data

Switch between viewing selected customer's orders, ledger, and manifest information

View truck orders of selected customer with calculated charges

The screenshot displays the PortALogic Home Screen. At the top, there is a navigation bar with icons for 'Add Customer', 'Add Truck', 'Add Order', 'Enter Payment', 'Refresh Data', 'Alarms', 'W/W Type', and 'Add Lab Info'. Below this, the 'Customer' tab is selected, showing a list of customers. The 'Truck' tab is also visible. The 'Customer Information' section displays details for 'Robert Gorder', including address, account number, and contact information. The 'Customer Reports' section lists 'Statement', 'Activity', and 'Revenue'. The 'Order' tab is selected, showing a table of orders with columns for Month, Date, Order, Station, Receipt, Truck, pH, W/W Type, Alarm, Volume, Cost, and Amount. The table contains several rows of data for July 13, 2013. The bottom status bar indicates 'AutoRefresh is off, 1:Connected, 2:Connected'.

Month	Date	Order	Station	Receipt	Truck	pH	W/W Type	Alarm	Volume	Cost	Amount
Jul - 13	7/1/2013 2:01:28 PM	70	1	5225	2	0.1	2	4	2756	\$60.00	\$165.36
Jul - 13	7/1/2013 1:57:28 PM	69	2	5224	1	0.1	3	2	1981	\$70.00	\$138.67
Jul - 13	7/1/2013 1:51:28 PM	67	2	5222	2	0.1	2	2	2245	\$60.00	\$134.70
Jul - 13	7/1/2013 1:49:28 PM	66	1	5221	2	0.1	1	3	2527	\$50.00	\$126.35
Jul - 13	7/1/2013 1:45:28 PM	65	2	5220	1	0.1	1	1	2186	\$50.00	\$109.30
Jul - 13	7/1/2013 1:43:28 PM	64	1	5219	1	0.1	3	4	2567	\$70.00	\$119.69
Jul - 13	7/1/2013 1:39:28 PM	63	2	5218	1	0.1	1	2	2040	\$80.00	\$162.00
Jul - 13	7/1/2013 1:37:28 PM	62	1	5217	2	0.1	3	2	1643	\$70.00	\$115.01
Jul - 13	7/1/2013 1:21:28 PM	58	2	5212	1	0.1	3	4	2786	\$70.00	\$195.02
Jul - 13	7/1/2013 1:19:28 PM	56	1	5211	2	0.1	1	1	1465	\$50.00	\$73.25

PortALogic Water and Waste Products:



DS-200

The DS-200 waste dump station is tamper-proof and simple for haulers to use. This station provides secure hauler access by PIN or swipe card.



FS-200

The FS-200 water fill station is tamper-proof and simple for haulers to use. This station provides secure hauler access by PIN or swipe card.



DS-22

The DS-22 waste dump station is secure and controls the valve. This station includes a pedestal base enclosing an electrically actuated valve.



FS-22

The FS-22 water fill station is secure and manages volume. This station provides secure access and includes a pedestal base enclosing a metered valve.



DS-25

The DS-25 waste dump station is secure, controls the valve, and provides metering. This station encloses an electrically actuated valve and flow meter.



FS-82

The FS-82 water fill station is the complete solution for water dispensing. This station provides secure access and encloses a metered valve with a backflow preventer.



DS-82

The DS-82 waste dump station is the complete solution for waste receiving. This station encloses an electrically actuated valve, flow meter, sampler, and pH sensor.



For more information about PortALogic, please contact an EleMech engineer at 630-499-7080 or visit www.portalogic.info.

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