



PRODUCT DROP

2ND EDITION

SUMMIT ROUTE MANAGEMENT BY RITAM TECHNOLOGIES, LLC

www.ritam.com

For the Portable Sanitation, Roll-off, Temporary Fencing, Restaurant Grease Collection, and other Site Service/Equipment Rental businesses.

Single-click route optimizing! Instant map views!

If you have been looking for these features in a product that knows how the industry operates, here it is.

30+ years of experience and the latest technologies, including Google(R) maps combine for a perfect user experience.

Delivery, Pickup, and Service routing may be kept separate or combined. Disposal sites may be after each action (roll-off), at end of day (portable sanitation), or as capacity limits reached (grease).

A schedule calendar option provides a sequenced overview of each route. You may then move selected service stops to meet customer timing requirements or even perform a reverse route, as required.

Service frequencies set the tone for when the "on" or "off" service days occur, and multiple service per week or even per day can be easily managed.

Upsize to the Plus edition when you are ready for mobile, or to the Pro edition when you need billing. Your data goes with you!

You don't have to change your billing system to use Summit Route Management. Simply add this to your existing setup, and we will add efficient, optimized, and easily managed routes to keep you moving.

Don't change your software...Just add Summit Route Management!

Contact: 800-662-8471

SUMMIT SERVICE REMINDERS BY RITAM TECHNOLOGIES, LLC

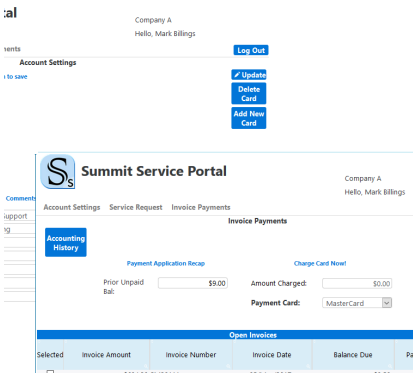
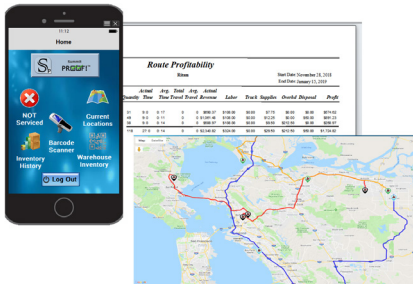
www.ritam.com

For those In the service business, we provide a software tool to obtain near 100% customer retention! It is called Summit Service Reminders, Lite.

When performing work for a customer, set a repeat schedule, and when that date arrives, the system will automatically send a reminder to the customer. This may be an email, text message, postcard, or telephone call. Those customers schedule throughout the month, and at the end of the month, you may resend to the same group, but only those who have not already scheduled will appear. Additionally, you may set different wording for each contact group or task type, such as "second attempt", "final notice", etc. In this manner, you may send multiple reminders until almost 100% repeat service is scheduled. There is also an "auto repeat" feature for jobs under contract with tighter intervals between services.

Track your customer jobs, and prevent competition from nibbling away at your business! It is nearly effortless and incredibly affordable! If you are not using Summit Service Reminders, Lite, you ARE losing business.

Contact: 800-662-8471



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SUMMIT SERVICE SYSTEM BY RITAM TECHNOLOGIES, LLC

www.ritam.com

"For the Liquid Waste industry and other Site Service businesses. Customer billing and accounting are added to the solid foundation of Summit Service Reminders Plus Dispatch (See separate video.) to create a system to manage customers and operations within your company. Pro, Deluxe, and Premium editions are available, depending upon your specific needs. Pro handles everything from customer phone call, scheduling, servicing, billing, payment, history review, and 8 layers of job details, including diagrams, pictures, tank information, manifests, disposal, etc.

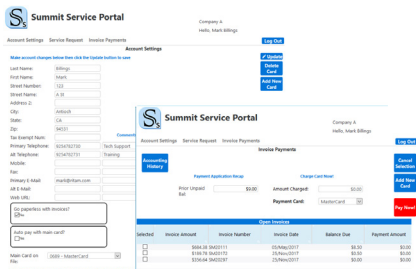
Deluxe add inventory control (multi-warehouse/truck parts management), commissions, QuickBooks(R) tie-in, and much more. All editions offer an option for Customer Account Web Portal where customers securely log in and perform 4 main functions:

- Change account settings (address, phone, etc.)
- Review/print invoices and statements
- Make secure on-line payments
- Request service

...all with zero setup time for your company!

This is included in the Premium edition along with Summit Proof! Mobile dispatching, which is an option for Plus, Pro, and Deluxe editions. Multi-company, multi-branch operations are not a problem for Summit Service System. With the Corporate Reporting Module add-on, you will have all the necessary decision-making information at your fingertips. Start simple and grow with Summit. Your data will naturally follow along as you expand the software capabilities to keep pace. Get on top and stay on top with Summit!

Contact: 800-662-8471

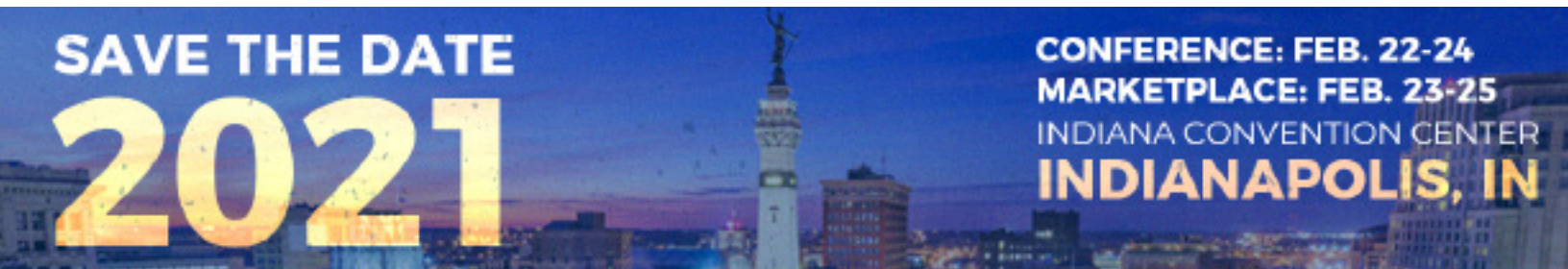


REAPER - ROTATING HYDRO-JETTING NOZZLE BY HYDRA-FLEX, INC.

www.hydrflexinc.com

The Reaper- Rotating Jetting Nozzle is designed and engineered specifically for jetting applications including sewer and cleaning projects for the residential, municipal, industrial or contractor market. The Reaper successfully cleans drains, industrial pipes, sewers, and tubes by clearing blockages, grease, and roots with fewer passes, saving you time and money all while generating less wear and tear on hoses and operators. The Reaper's rotating front jet is a 0-degree, straight water stream that blasts at up to 4000 PSI while rotating at an optimal speed to form a 24 or 30-degree cone of coverage. Optimized stream quality results in greater impingement. Reaper's four rear jets create a 20-degree angle for maximum thrusting and pulling power. The Reaper is constructed of stainless-steel housing and tungsten carbide wear to withstand harsh environments and provide longer life.

Contact: sales@hydrflexinc.com





MARSKMAN - ZERO-DEGREE STATIC LIFT STATION CLEANING NOZZLE BY HYDRA-FLEX, INC.

www.hydraflexinc.com

Coming in June 2020 - The Marksman- is a 0-degree static linear flow long-distance cleaning nozzle, designed to keep operators safer and more efficient while drastically reducing water consumption. With a controlled flow that provides optimal cleaning impingement over 20 ft., the Marksman is an ideal fit for cleaning corrosive environments like lift stations. The precise stream cleans accumulated solids and grease build-ups, while its accuracy reduces the operator's chances of damaging crucial parts like pumps and electrical components. The nozzle requires the use of a 6 ft. minimum lance equipped with a dead man switch, ensuring the operator more control while resulting in less impending harm. The Marksman offers an up to 20 GPM - low water flow design, reducing each job's water consumption and duration, while still providing superior results and performance.

Contact: sales@hydraflexinc.com



MACHETE - LINEAR OSCILLATING HYDRO-EXCAVATION NOZZLE BY HYDRA-FLEX, INC.

www.hydraflexinc.com

Straighter lines. Cleaner holes. Penetrating faster. The Machete- is a premium precision tool preparing you for your toughest jobs. As the first of its kind in the hydro-excavation market, the Machete moves water in an oscillating motion combined with a smaller spray angle. This direct stream provides a more forceful flow and impact. It is the perfect nozzle to give you the cutting power and penetration of a straight tip and the movement of a rotating tip. It is the best of both technologies, providing an advanced complement to your hydro-excavation tools on the truck. Whether it is trenching or cutting through compact soils, the Machete acts as a finishing tool for any job. By creating a crisp straight edge, while not undermining itself, the Machete provides a safer top surface environment to work.

Contact: sales@hydraflexinc.com



CUSTOM CONTROL PANEL QUOTING FOR WHOLESALE DISTRIBUTORS AND OEMS BY ALDERON INDUSTRIES

www.alderonind.com

Alderon Industries partners with Wholesale Distributors and OEMs to provide timely, cost effective, custom panel quotes that can be specified and submitted on when specified or as an equal to other panel suppliers. We are a 508A UL Listed panel shop capable of meeting your, or your customer's needs. We are also working to update our website (www.alderonind.com) in the coming months to showcase our current as well as many of our new standard water and wastewater products which include floats, alarms, sensors, water leak detection home protection, and control panels.

Contact: ben.moy@alderonind.com



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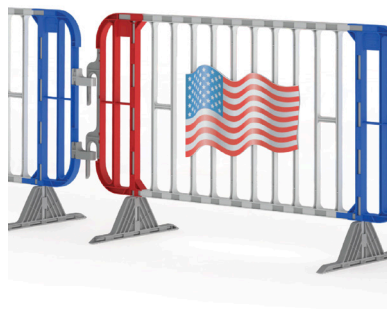


**ENDURAMAT GROUND PROTECTION MATS
BY OXFORD PLASTIC SYSTEMS LLC**

www.oxfordplasticsusa.com

Don't get stuck in the mud! Don't lose valuable workdays or have costly damage to landscapes due to saturated ground conditions, soft, or unstable soil. Drive Vac trucks, work trucks, & front loaders weighing up to 176,000 pounds, causing little to NO disturbance to the ground underneath! EnduraMat is made of durable composite materials lasting for many years of repeat use. Molded handgrips make it easier to maneuver. Vehicle & pedestrian anti-skid surface for safety. Inline pattern makes it easier to clean. Every work truck should have some 4' x 8' EnduraMat, eliminating unnecessary additional cost. For more details go to <https://www.oxfordplasticsusa.com/product/enduramat/>

Contact: 800-567-9182



**LANTIS BARRIERS
BY OXFORD PLASTIC SYSTEMS LLC**

www.oxfordplasticsusa.com

Is your company eco-conscious?...The Lantis composite pedestrian barrier is the ONLY barricade in the World made from 85% recycled plastic! Much lighter than steel barricades plus MUCH more durable! Also, doesn't rust! Easy carry handles allow installers to carry up to 4 at one time. The lantis barrier feet swivel, allowing for many more barriers to be transported at one time, reducing costs. Grey standard, but multiple colors & branding available. Find further details at <https://www.oxfordplasticsusa.com/product/lantis-barrier/>

Contact: 800-567-9182

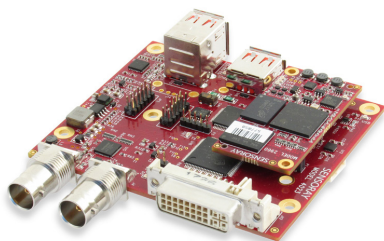


**K9-306 FLEXSHAFT MACHINE
BY RIDGE TOOL COMPANY**

www.ridgid.com

The RIDGID K9-306 FlexShaft Machine can be used on 3"-6" pipe and includes 125' of 3/8" cable. Its 1.5 HP internal motor packs a major punch, fighting through tough clogs from drain to clean-out with one step of the foot switch. Versatile frame allows 2 or 4 wheels for ease of maneuverability and transport. Telescoping handle allows for a compact footprint in tight job site locations, while creating a low profile for storage.

Contact: becky.brotherton@emerson.com

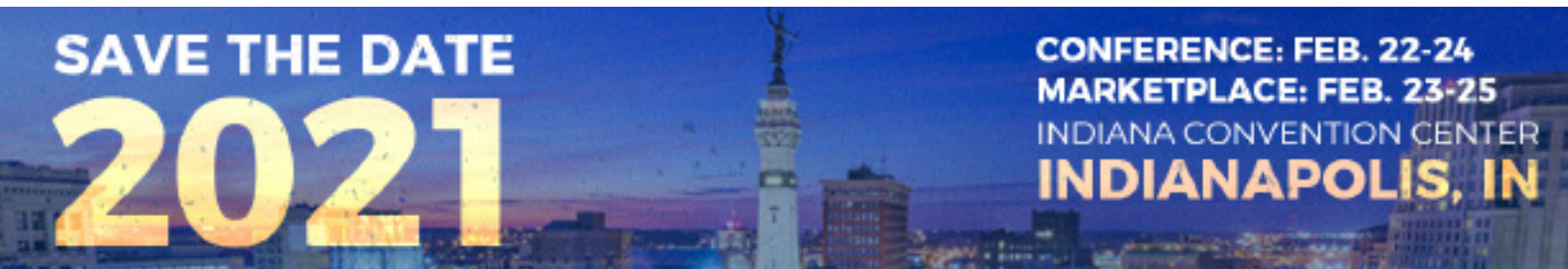


**EMBEDDABLE HD DVR
BY SENSORAY CO. INC.**

<http://www.sensoray.com>

A compact HD DVR with MIC and stereo line audio inputs, designed for embedded OEM applications. It captures and records analog HD video (AHD, HD-TVI or HD-CVI) and stereo audio to up to 2 USB devices and can capture JPEG images on-the-fly without stream interruption. Users can select HD or composite output for playback and preview. Embeddable DVR with Integrated Microphone Analog HD DVR Compact HD Video Capture Device & HD Mini DVR

Contact: greg@sensoray.com



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VACUUM HOSE REELS BY HANNAY REELS INC.

www.hannay.com

Hannay Reels offers heavy-duty reels for longer length/large diameter vacuum hose through 4". Available for live vacuum hose to connect to a tank or storage only, this series provides effortless and fast winding of hose, easy access from both sides of the vehicle and a cleaner way to use and store hose. Hannay offers manual or power rewinds options and a variety of different mounting configurations depending on tank/truck size constraints. Visit www.hannay.com for more information.

Contact: reels@hannay.com



JETTER REEL BY HANNAY REELS INC.

www.hannay.com

"Hannay Reels HDD 6300 Series is designed for front bumper jetting applications. This series is constructed with a heavy-duty spool and frame and a direct drive hydraulic motor that utilizes a planetary gearbox for increased power. This series handles up to 1000 feet of 1" ID jetter hose and pressure up to 3000 psi. An optional swivel mount makes this reel ideal for front mount jetter operations. Standard features include thick discs and base plate for strength and rigidity, rolled drum to handle long lengths of hose and 3" square tubing frame for over-road durability. Options include a chain and sprocket drive (in place of planetary gearbox) and powered swing bearing in base plate for swiveling capability. Visit www.hannay.com for details."

Contact: reels@hannay.com



N700 SERIES BY HANNAY REELS INC.

www.hannay.com

Hannay's N700 Series is the most versatile reel for the sewer cleaning industry. With a narrow frame, compact base and variety of mounting options and roller positions this reel can be installed anywhere. This series handles 3/4" through 1/2" ID hose, standard pressure up to 3000 psi for everyday wash down needs, or available up to 10,000 psi for high pressure sewer cleaning or steam cleaning operations. The N700 is a standard spring rewind reel with a non-sparking ratchet assembly and de-clutching arbor to prevent damage from reverse winding. Visit www.hannay.com for more information.

Contact: reels@hannay.com

CIE Carolina Industrial Equipment, Inc.
www.cieequipment.com

SEWER & STORM DRAIN CLEANING

Aquatech F-Series Aquatech B-Series O'Brien Hydro Jetter

Request a demo and visit our website. Aquatech combination sewer cleaners are the most powerful. The Aquatech B-Series and F-Series deliver exceptional performance in tough lines, severe access, sanitary drains, 18" diameter manholes and 24" diameter storm drains. Request the daily operator to professional site-to-site sewer line cleaners. CIE also offers professional grade light jetter and vacuum equipment for the most demanding applications.

PIPELINE INSPECTION

DT220 Pipe Crawler DT3400 Pipe Crawler DT3400L Pipe Crawler

Innovative, affordable and highly portable pipeline inspection equipment. With internal cameras, Deep Trekker pipe crawlers are the only crawlers of their kind that operate completely independently of any external generation or dedicated service truck.

LEAF CONTROL

LCT600 DCL300TH DCL300SH

These four offset high quality models for heavy weed shredding have types of the patented, self contained roller mounted systems from 10 to 20 cubic yard capacity and three enclosed systems featuring your own operator guards controls. A complete body is available for use to your dump site.

1515 Express Lane Road 803.478.2024 1800.888.8888
Chatham, NC 28518 North Carolina North America

ENVIRONMENTAL PRODUCTS AND SUPPORT BY CAROLINA INDUSTRIAL EQUIPMENT

www.cieequipment.com

"Carolina Industrial Equipment is a 60 year old company with a solid reputation for being fair, honest and fast to respond to customer needs. We stock a full verity of Aquatech and O'Brien drain cleaning units, Schwarze sweepers, KEG nozzles, Deep Trekker pipe inspection units, Xtream Vac debris collectors. Sales and service of environmental products in North and South Carolina."

Contact: marty@cieequipment.com



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POTTY FRESH SUMMER PLUS PT DEODORANT BY SURCO PORTABLE SANITATION PRODUCTS

www.surco.com

POWERFULLY-EFFECTIVE ODOR CONTROL, EVEN IN HOT WEATHER.

Potty Fresh Summer Plus portable toilet deodorant contains powerful non-formaldehyde biocide to kill odor-causing bacteria so toilets stay fresher longer. Exclusive Metazene neutralizes odor molecules in portable toilet tanks and ambient air. Surco's powerful fragrances pleasingly freshen the surrounding air, minimizing customer complaints and call-backs. Our deep blue non-staining dye hides waste, paper and debris. Available in 5-gallon pails, 55-gallon drums, and 275-gallon totes. Contact Tonya at 412-789-8683.

Contact: tonyar@surco.com

PRODUCT



SEESNAKE COMPACT M40, CS6X VERSA CAMERA SYSTEM BY RIDGE TOOL COMPANY

www.ridgid.com

"The Compact M40 offers similar performance to the SeeSnake Mini in the popular Compact form factor, combining a small package and all-in-one monitor capability. Now available with TruSense-technology. The Compact M40 has 131' (40 m) of moderately stiff push cable, providing a good compromise between stiffness and the ability to navigate turns.

Improving jobsite ergonomics, the CS6x Versa has high and low monitor mounting positions and a unique pivoting frame that lets users tilt the monitor to the desired angle for optimal viewing efficiency. This design allows the sunshade to remain open in all usage situations for maximum glare reduction."

Contact: becky.brotherton@emerson.com

EXHIBITOR

PRODUCT



K-5208 SECTIONAL DRAIN CLEANING MACHINE BY RIDGE TOOL COMPANY

www.ridgid.com

The RIDGID® K-5208 is the most powerful and compact sectional drain cleaner on the market. Power meets portability as this machine is 35% lighter and 71% smaller than previous RIDGID sectional drain cleaners. Clear 2 inch to 8 inch (50 - 200 mm) drain lines faster and cleaner with the K-5208. Combine with the K-5208 Transport Cart to create an all-in-one mobile work station.

Contact: becky.brotherton@emerson.com

ECOFLO BY PREMIER TECH WATER AND ENVIRONMENT

PT-WaterEnvironment.com

Ecoflo: the septic solution that protects your property and our planet with the lowest carbon footprint.

Contact: 1 800 632-6356

EXHIBITOR

PRODUCT

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POTTY FRESH PT SPRAY DOWN CLEANER & SANITIZER BY SURCO PORTABLE SANITATION PRODUCTS

surco.com

This water-soluble spray eliminates stubborn odors and dirt in portable toilets and provides long lasting freshness! Intense odor protection designed to clean and disinfect portable toilet units. Contains our patented Metazene®, the most effective odor neutralizing additive that destroys the particles that cause vaporous malodors at their molecular level. Simply spray on directly or mix with water in your PT washdown solution. Comes in five popular fragrances: Xtreme Clean, Cherry, Lavender, Super Spice, or Bubblegum. Can be ordered in cases of 4 gallon jugs, 5 gallon pails or 55 gallon drums. Theft-proof, powerful, long-lasting odor control and scented air freshening spray!

Contact: 412-789-8683

FRESH STRAP SELF-LOCKING AIR FRESHENERS BY SURCO PORTABLE SANITATION PRODUCTS

surco.com



Waterproof portable toilet straps lock onto vent stack. These patented polymer fragrance straps are specifically crafted to have a dramatically larger surface area, which allows them to provide tremendously more fragrance content and last 30-60 days or more. Infused with Metazene, a superior odor-neutralizing additive. Available in Berry Cherry, Lavender, and Xtreme Clean fragrances. 72 individually sleeved straps per case. Contact Tonya at 412-789-8683 for more information.

Contact: 412-789-8683

SECTIONAL POINT REPAIR (FIBERGLASS REINFORCED PIPE PATCH) BY PRIMELINE PRODUCTS, INC.

www.primelineproducts.com

PrimeLiner Point Repairs:

Provide a watertight seal

Provide structural integrity to damaged pipe

Fast Cure times, typical repair time is 2 – 2 1/2 hours (faster cure times available)

Meets or exceeds ASTM Specifications.

Our standard kits provide pre-measured Silicate Resin (components A & B), pre-cut fiberglass with Trevara felt backing (enough for 2 layers for all kits over 6' diameter) and supplies for doing the repair. Custom size repair kits are available and can usually be shipped within 2 days of your order.

PrimeLiner Silicate Resin and Fiberglass is also available in bulk!

Contact: Paul@PrimeLineProducts.com

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PRODUCT

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RAPIDLOO PRO BY T BLUSTAR

www.tblustar.com

RapidLoo PRO is the portable toilet that can be assembled in less than 3 minutes and without the use of tools!

The innovative patented assembly system introduces many advantages.

The rapid assembly system of RapidLoo PRO, Demountable Portable Toilet, enables amazingly easy assembly of the cabin, component by component, with parts to be handled consequently of a weight of no more than 18 Kg (see internet standards regarding lifting). Furthermore, RapidLoo PRO may be pre-packed in a 4-toilet packaging form, utilising the same space as one assembled toilet.

The Demountable Portable Restroom Toilet by T blustar can be provided with an internal wash hand basin also functioning as a flush system.

Contact: info@tblustar.com



PRODUCT

RP-TWIN BY T BLUSTAR

www.tblustar.com

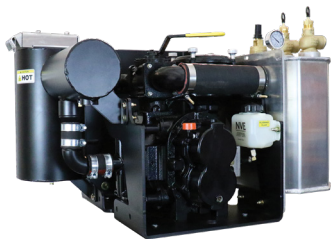


RP-Twin is a revolutionary free-standing portable hand-wash station for outdoor events available by T blustar. It's called Twin because it is composed of 2 sinks mounted together to create one station. It connects two single RP-Clean sinks back-to-back on a pedestal with two soap dispensers and two hand towel dispensers. Each hand-wash sink basins has a capacity of 60 L / 15 gal for fresh water or 60 L / 15 gal for used grey water. The fresh water is originally filled into the first sink-basin and thus dispensed by a foot pump to both of the faucets. The grey water from both sinks filters into the second hand-wash basin. Both sinks have handy shelves to allow users to hold their cell phones or keys while washing their hands.

Contact: info@tblustar.com

B500 MAX PAK BY NATIONAL VACUUM EQUIPMENT

www.natvac.com



National Vacuum Equipment introduces another innovative solution for the liquid waste industry. Introducing our B500 hybrid blower capable of 500 CFM and delivering up to 24" hg of vacuum. This durable, oil less, tri-lobe machine is air ballast cooled to allow continuous operation on vacuum without over-heating. It comes standard with an integral 4-way valve and pre-filter for ease of operation and maintenance. Offered in a complete package, ready to bolt onto your new truck, or to replace a tired pump on your existing truck. This package includes the pump stand, 1:2 gearbox, moisture trap, air ballast silencer, exhaust silencer, diesel flush kit, vacuum/ pressure gauge and pressure relief valve. For more information call NVE at 800-253-5500 or visit our website at www.natvac.com.

Contact: 800-253-5500

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B250 MAX PAK BY NATIONAL VACUUM EQUIPMENT

www.natvac.com



National Vacuum Equipment is proud to announce the new B250 Max Pak. Designed specifically for the portable toilet market, utilizing a hybrid tri-lobe blower with an integral 4-way for vacuum/pressure use and inlet filter to provide protection. This unique package is oil free and extremely durable moving 270 CFM. It is capable of running continuously at 15" HG. The Max Pak comes ready to mount and includes an exhaust silencer. The 1 to 1:5 gearbox makes it easy to get the optimum RPMs to the blower while keeping your truck RPM's in check. While it was designed to fit on a Ford 550 and Dodge 5500, it can mount on any truck with ample ground clearance. It is also available in hydraulic drive to accommodate the 4x4 trucks. THE NEXT GENERATION HAS ARRIVED!! For more information call us at 800-253-5500 or visit www.natvac.com.

Contact: 800-253-550

PRODUCT

ASSETVIEW GPS TRACKING SERIES BY DPL TELEMATICS

www.dpltel.com



The portable AssetView series is the industry's smallest, battery powered GPS tracking solution for wireless monitoring of any asset to improve logistics, manage inventory and curb theft. The innovative, self-contained GPS tracking solution installs in seconds, requires no external power and can last years on "off the shelf" batteries. Its proprietary Adaptive Tracking delivers long battery life while actively alerting on curfew violation, movement or geofence breach as well as allowing the user to switch to "Recovery Mode" over the air. The AssetView is waterproof and has no long-term contract so customers can deactivate and reactivate without penalty.

Contact: tony@dpltel.com

PRODUCT

ASSETCOMMAND MAX TELEMATICS BY DPL TELEMATICS

www.dpltel.com



AssetCommand is the complete tool for managers to increase asset profitability and productivity while decreasing the costs and risk of equipment theft and rollovers. This industry first solution empowers the equipment owner to remotely shut down their machines, wirelessly locate them any time via GPS, collect hour meter readings, track hour based service intervals and receive real time alerts for tilting or rollover of the asset. Managers select the desired angle of tilt to match the alert with the applicable rental asset(s). Users can also receive alerts for loss of power, boundary or curfew violations to curb unauthorized use. AssetCommand is palm sized, has no external antenna and contains an internal backup battery to continue operating the unit if disconnected.

Contact: tony@dpltel.com

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2500 G VACUUM TRUCK BY AMTHOR INTERNATIONAL

www.amthorinternational.com

2019 Hino 338, 260 HP, Auto Allison Transmission, engine block heater, chrome grille, heated mirrors, power windows & doors. 2500 gallon one compartment aluminum vacuum tank, hot shift PTO, Fruitland 500, 396 CFM, pump, 4" inlet/6" discharge, aluminum extruded hose protector, (2) 20" manways on top & rear, 12" primary shutoff, 3" hose connection, curbside ladder, rear work lights, (3) 5" sight glasses rear hose holder. Unit is ready to go.

Contact: tfloyd@amthorinternational.com - (423) 260-7971



2000 G ALUMINUM PORTABLE RESTROOM TRUCK BY AMTHOR INTERNATIONAL

www.amthorinternational.com

2020 Hino 268A, 260 HP, 2500 Allison Transmission, engine block heater, exhaust brake, chrome bumper. 2000 g aluminum portable restroom tank, (2) compartments, 500 Fresh water/1500 Waste, Masport HXL75 pump package, hot shift PTO, AMT 12v water pump, Hannay hose reel with hose, wrap around hose troughs, movable aluminum extruded 2 unit port-a-potty hauler, Betts LED lighting, (2) toolboxes w/turtle tiles, 20" manway with stainless lid.

Contact: tfloyd@amthorinternational.com - (423) 260-7971



4000 GALLON VACUUM TRUCK BY NATIONAL VACUUM EQUIPMENT

www.amthorinternational.com

2020 International HV507, Cummins L9, 370 HP, Allison 3000 transmission, chrome grille & bumper, aluminum wheels, Jake brake, engine block heater, power & heated mirrors, power windows & locks, air ride, chrome visor. 4000 gallon aluminum vacuum tank, 1 compartment, (2) 20" manways 1 on top & 1 on rear head. 4" inlet/6" discharge with caps, 12" primary shutoff, 2" pressure relief, aluminum extruded hose protector, rear hose holder, (3) 5" sight glasses, hot shift PTO, Fruitland Elim A-SM870 vacuum pump, 512 CFM, fan cooled, BETTs LED lighting, backup camera, aluminum frame mounted toolbox. Ready to go!

Contact: tfloyd@amthorinternational.com (423) 260-7971

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SLUDGEKAT BY GORMAN-RUPP PUMPS

www.GRpumps.com



The SludgeKat, Gorman-Rupp's new self-priming, positive displacement, hydraulic piston pump, is designed to handle applications involving heavy sludges and slurries where other pumps fail. The SludgeKat has 4" suction and discharge ports and is capable of flows up to 226 GPM and heads up to 390' TDH. Depending on the product being pumped, it can pass up to 2.4" diameter solids without damaging or clogging the pump. The unit is equipped with Kohler Tier IV engine-driven technology. The pump end frame is mounted to a 52-gallon fuel tank base and offers a full load run time of 25.5 hours. Each pump comes standard with a DOT-approved wheel kit. The pump end frame can be detached from the unit and when connected to optional 150-foot hoses, provides increased portability around the job site. The SludgeKat is the ideal pump for clarifying pits, wastewater treatment, loading and unloading rail cars, oil and gas drilling, and environmental clean-up.

Contact: grsales@gormanrupp.com



FAST® WASTEWATER TREATMENT SYSTEMS BY BIOMICROBICS, INC.

www.biomicrobics.com



Where there may or may not be infrastructure available, FAST wastewater treatment systems are engineered to treat wastewater containing high biological loading (BOD) concentrations often having and Fats, Oils, and Grease (FOG) levels that are significantly higher than standard sanitary-strength sewage, which are typically found in commercial properties. Ideally suited for use in commercial properties, mixed-use and other high-strength waste applications. Typically, hotel/resorts, restaurants, Schools/Universities, Country Clubs, shopping malls, grocery stores, food/beverage facilities, wineries and brewery commercial facilities are among the most challenging projects. The stability of the FAST® treatment process with fully-submerged, fixed-film media and the effectiveness of activated sludge treatment helps in certain applications where a particular facility may have additional challenges due to the unique characteristics of the wastewater. Other systems, options, and accessory products customizes the system for particular treatment needs: screening devices (SaniTEE®, MyTEE®, or BioSTEP®), clarifiers (ABC®-N, -C, or -P), FOGHog® Grease Trap, etc.

Contact: jcisneros@biomicrobics.com



SEPTITECH® STAAR® TRICKLING FILTER WASTEWATER TREATMENT SYSTEM BY SEPTITECH, A SUBSIDIARY OF BIOMICROBICS, INC.

www.septitech.com



Designed for both multi-family domestic and high-strength commercial wastewater from 100 gpd to 150,000+ gpd for residential and commercial wastewater treatment applications. The STAAR Filter Commercial Systems utilize a biopack plastic media to treat high organic loads that integrate with other technologies and accessories. The simple, automatic and reliable equalization and clarification process treat high organic loads that integrate with other technologies and accessories. The biological trickling filter technology also maintains low levels of Nitrate-N with all below-grade components that fit in readily available concrete, plastic or fiberglass tanks. SeptiTech's "Smart" technology allows the system to go into a sleep mode that will dial down activity and eventually shut all power off until normal flow conditions are detected. This allows the STAAR® system to achieve lower operating costs and power requirements. Additional features are also available to further enhance quality and dependability.

Contact: info@septitech.com



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SCIENCO® SCICHLOR® SODIUM HYPOCHLORITE GENERATOR BY SCIENCO/FAST, A SUBSIDIARY OF BIOMICROBICS, INC.

www.sciencofast.com



ScienCO® SciCHLOR® sodium hypochlorite generator is designed to give a large span of markets a safe and effective way to disinfect. With salt, water, and electricity, the SciCHLOR® System with multi-pass SciCELL® Electro-Chemical Activation (ECA) technology will produce an available supply of 10-60lbs. chlorine-equivalent/day sizes. Connected to an incoming water source (55-85 degrees F) and with operating modes of BATCH, CONTINUOUS, CLEAN, STEUP, and DIAGNOSTIC, the brine solution multi-passes through the low-voltage DC electrolytic cell to provide a cost effective and reliable method for the needs of medium to large onsite disinfection applications (ex. dairy farms, aquatics, food/beverage processing, hospitals, hotels/resorts, water treatment facilities, etc.). Recirculation method keeps control of desired chlorine concentration while the assembly minimizes maintenance down time. Example of effectiveness: With an 800 ppm FAC sample taken from the SciCHLOR unit, the solution killed 100% of the Staphylococcus aureus and E.coli organisms within 30 seconds.

Contact: solutions@sciencofast.com

EXHIBITOR

PRODUCT

BIOBARRIER MEMBRANE BIOREACTOR BY BIOMICROBICS, INC.

www.biomicrobics.com



"The complete, optimized design of these "ULTRAFILTRATION" of the BioBarrier Membrane BioReactors (MBR) dramatically simplifies the settling, screening, direct aeration and ultrafiltration of the wastewater treatment process to remove 99.9% of the contaminants. Certified to NSF/ANSI 40 class 1, NSF/ANSI 245 (nitrogen reduction), NSF/ANSI 350 (water reuse) and EN12566-3 standards, this blackwater/greywater treatment system establishes the material, design, construction and performance requirements for onsite residential and commercial applications. The BioBarrier®-N adds an additional anoxic zone to achieve higher Nitrogen Reduction for environmentally-sensitive areas:

- BOD less than 5 mg/L
- TSS less than 2 mg/L
- Turbidity less than 0.2 NTU
- Fecal coliform less than 200 CFU/100 mL (without disinfection)

The BioBarrier® MBR combines the advantages of activated sludge treatment with ultrafiltration flat sheet membranes with a pore size of 0.03 µm – eliminating the need for secondary clarification tanks (in most cases). The result is a system with a smaller footprint. With the solids-liquid separation process inside the tank, the system produces a clear, highly purified effluent that is suitable for water reuse, direct discharge into the receiving environment, a reduction in drainfield size (please check with local regulation) or further treatment by other technologies to achieve Net Zero Water goals."

Contact: jcisneros@biomicrobics.com

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LENZYME PRIVATE LABELED SEPTIC TREATMENT BY

www.GRpumps.com

Lenzyme monthly septic maintenance treatment. Product is a high quality bacteria and enzyme base. It also helps to maintain septic drain fields. Other usage are treating drain lines, grease traps, sewage ponds, sewage spills, Cesspool and drywells. Excellent for maintaining high biological activity in all systems. Product can be in our brand name or we private label this for licensed contractors Free of charge. Drainfield kits for sluggish septic fields and root treatments are also available.

Contact: lenzymesales@gmail.com

EXHIBITOR

PRODUCT



VEGAPULS C 11 BY VEGA AMERICAS, INC.

www.vega.com

VEGAPULS C 11

Wired radar sensor for continuous level measurement

VEGAPULS C 11 is the ideal sensor for non-contact level measurement in simple applications where a high degree of protection is required. It is particularly suitable for use in water treatment, pumping stations, rain overflow basins and level monitoring. In bulk solids the sensors are used in small bulk solids silos or open containers.

Contact: americas@vega.com

PRODUCT



VEGAPULS 31 BY VEGA AMERICAS, INC.

www.vega.com

"VEGAPULS 31

Compact radar sensor for continuous level measurement

VEGAPULS 31 is the ideal sensor for non-contact level measurement of liquids and bulk solids in simple applications. It is particularly suitable for use in water treatment, storage tanks with acids, lyes and additives in all industrial areas, or for measuring levels in plastic tanks from the outside through the tank wall. In bulk solids the sensors are used in small bulk solids silos or open containers."

Contact: americas@vega.com

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LOADMAXX PLUS TRAILER SCALE BY AIR-WEIGH ON-BOARD SCALES

www.air-weigh.com

Arm your trailers with the new LoadMaxx Plus trailer scale and eliminate the many costs associated with trailers being overweight or underloaded. Air-Weigh Trailer Scales provides real-time weights while you're loading so that you load correctly the first time and get on the road efficiently.

Contact: awsales@air-weigh.com



LOADMAXX TRUCK/TRACTOR SCALE BY AIR-WEIGH ON-BOARD SCALES

www.air-weigh.com

The Air-Weigh Truck/Tractor Scale comes with all of the features you need to manage the weights of your entire fleet easily. Whether you simply need to know weights at the loading site, or you're looking for an integrated solution to better manage your fleet, Air-Weigh tractor scales provide multiple options for your business. View axle group weights in the cab - Steer, Drive, GVW and even pair it with our Trailer scale for the full weight data. No more guessing, know your weights instantly.

Contact: awsales@air-weigh.com

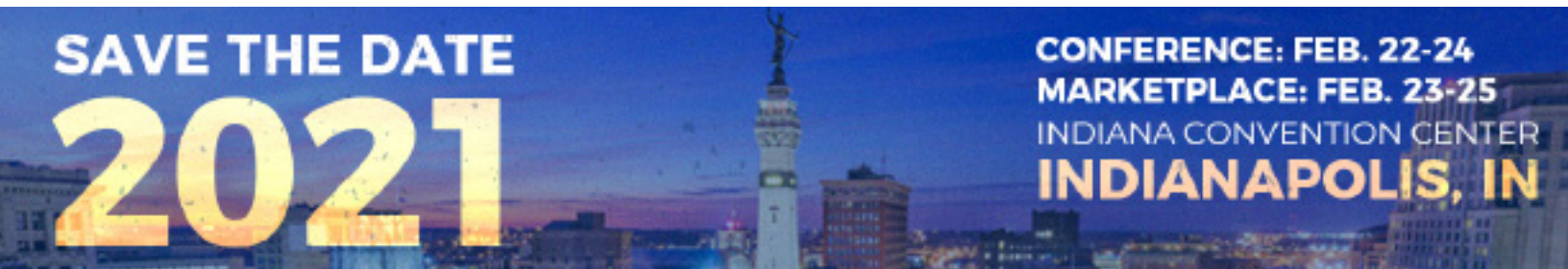


UTILIGUARD 2 UTILITY LOCATOR BY SUBSITE ELECTRONICS

www.subsite.com

The Subsite Electronics UtiliGuard® 2 is a new multi-frequency utility locator based on the popular UtiliGuard system. Available in Standard and Advanced models, UtiliGuard 2 takes all the proven performance-boosting features of the original UtiliGuard and adds several important new capabilities including an all-new user interface, integrated data capture, and GPS positioning. The new UtiliGuard 2 user interface was designed with industry specialists and trainers to feature simplified graphics that are easier and faster to interpret. Operators will notice an obvious change in screen layout when directly over a utility locate, providing positive confirmation. The new combination of screen graphics delivers increased operator confidence, locate consistency and operational performance. UtiliGuard 2 automatically captures data without altering the operator's normal workflow. This data can be used by operators to verify their performance and demonstrate quality and process compliance in the field. Supervisors can also use this data to track performance, compare it with benchmarks and enable actionable outcomes to be implemented. This reporting and auditing capability helps increase quality, reduce cable strikes and increase productivity across multiple crews. For more information on the UtiliGuard 2, visit www.subsite.com or contact your local Ditch Witch dealer.

Contact: karly.rupp@subsite.com



UTILITY INSPECTION EQUIPMENT BY SUBSITE ELECTRONICS

www.subsite.com

"Subsite® Electronics utility inspection equipment is ideal for pipelines too small to allow man entry, including water and wastewater collection and conveyance systems. Solutions include CCTV, sonar profiling, 3-D, and point cloud data capture.

Basic components of a CCTV pipe inspection system are:

- Camera or Camera/Transporter unit
- Power Supply/Control Unit
- Reel & Cable system



Much of our CCTV equipment is built around single conductor technology, which accommodates all power feed and command functions in a single steel-wrapped cable to make our equipment less bulky, easier to control, and far more durable than typical multi-conductor technology. Our single-conductor technology is a version of the same coaxial cable that reliably delivers hundreds of TV channels, high-speed Internet, voice communication, and more to millions of households and businesses across America. The advantages over competitive multi-conductor cable is clear:

- Video signal quality is not affected by the length of cable (unlike multi-conductor technology).
- Single-conductor cables offer a life expectancy at least three times that of any multi-conductor cable.
- Single-conductor cable has a breaking strength greater than 5,000 pounds (typical multi-conductor cable has a breaking strength of 2,000 pounds or less).
- Single-conductor cable is simple to maintain and the end connectors can be replaced in a matter of minutes. Multi-conductor cable typically requires several hours of labor and advanced technical skills to splice or troubleshoot multiple wires.

For more information on Subsite Electronics utility inspection systems, visit subsite.com or contact us at 800-767-1974."

Contact: karly.rupp@subsite.com



OMNIVORE GRINDERS BY LIBERTY PUMPS

www.dpltel.com

Liberty's LSG-Series Omnivore® grinders meet the demanding needs of commercial and residential sewage applications where difficult solids-handling ability is crucial. The LSG features patented V-Slice® cutter technology. This industry-leading design, made of 440 hardened stainless steel, shears rags, jeans, wipes, diapers, sanitary napkins and other debris into a fine slurry. Applications include individual or groups of homes, motels, schools, shopping centers, lakefront developments and systems requiring pressure pumping of waste.

Other features include a one-piece cast iron volute and motor housing, Quick-connect power cord for field serviceability and a 3 year limited warranty from last bill-of-sale. Complete factory pre-assembled systems are available with multiple basin sizes and control panel options.

Contact: laurie.pfaff@libertypumps.com



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BIOPRO FOG BY GREENER PLANET SYSTEMS

www.greenerplanetsystems.com

"The challenges associated with fats, oil, and grease (FOG) are often a constant worry and require regular maintenance. Greener Planet Systems bioaugmentation treatment programs offer the most robust option to remove FOG and prevent it from returning.

Our proprietary bioaugmentation products contain scientifically selected strains that provide the following key benefits: reduces hydrogen sulfide (H₂S); reduces solids, corrosion and sludge yield; reduces odors; increases capacity by enhancing FOG removal; and improves system recovery."

Contact: 888-669-1787

BIOPRO SRL BY GREENER PLANET SYSTEMS

www.greenerplanetsystems.com



Where there may or may not be infrastructure available, FAST wastewater treatment systems are engineered to treat wastewater containing high biological loading (BOD) concentrations often having and Fats, Oils, and Grease (FOG) levels that are significantly higher than standard sanitary-strength sewage, which are typically found in commercial properties. Ideally suited for use in commercial properties, mixed-use and other high-strength waste applications. Typically, hotel/resorts, restaurants, Schools/Universities, Country Clubs, shopping malls, grocery stores, food/beverage facilities, wineries and brewery commercial facilities are among the most challenging projects. The stability of the FAST® treatment process with fully-submerged, fixed-film media and the effectiveness of activated sludge treatment helps in certain applications where a particular facility may have additional challenges due to the unique characteristics of the wastewater. Other systems, options, and accessory products customizes the system for particular treatment needs: screening devices (SaniTEE®, MyTEE®, or BioSTEP®), clarifiers (ABC®-N, -C, or -P), FOGHog® Grease Trap, etc.

Contact: 888-669-1787



THE LIFTER & THE LIFTER PLUS BY ROCK MILLS ENTERPRISES

www.rockmillsent.com

"The Lifter & The Lifter PLUS automate the process of removing heavy manhole covers and stormwater collection grates. There is no longer a need to expose workers to the risk of injury that can be caused by manually removing covers/grates. Lifters are vehicle mounted, powered by the vehicle battery and operated with a hand held remote. Lifters are being installed on pickup/utility trucks, large sewer combo trucks, camera trucks and jetties.

Automate the Process-Manage the Risk

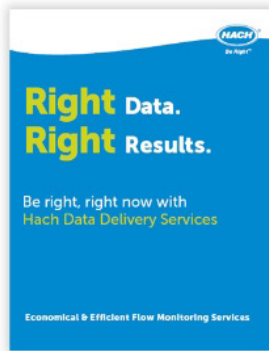
Visit www.rockmillsent.com for product overviews, videos, user testimonials.

Rock Mills Enterprises, 712-451-6550"

Contact: damoos@zoominternet.net

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HACH DATA DELIVERY SERVICES (DDS) BY HACH COMPANY

<https://www.hach.com/flow>

“Good flow data makes you smart.

Hach® Data Delivery Services make you brilliant.

Meet DDS.

DDS is a highly efficient flow monitoring service tailored to deliver the right data, right when you need it, so you can deliver the right results.

For a fixed monthly fee, Hach DDS provides all of the equipment, data transmission, and technical support you need to acquire your flow data—delivered in real-time, so you can immediately perform your analysis.”

Contact: hachflowsales@hach.com

FL900 BY HACH COMPANY

<https://www.hach.com/flow>

“The Hach® FL900 Series Flow Logger revolutionizes remote, open channel flow monitoring by providing rugged and reliable innovative solutions for any sewer flow measurement challenge.

From pairing with the industry-leading non-contact FLO-DAR AV Sensor to utilizing wireless communication options with free data hosting, the Hach FL900 is designed to reduce your monitoring costs, increase your efficiency, and provide better data with less hassle than you ever thought possible.

Armed with accurate flow data from a full suite of sensors and providing more time for insightful analysis, the Hach FL900 Series Flow Logger empowers you to begin proactively developing solutions before issues start.”

Contact: hachflowsales@hach.com

FL1500 STATIONARY LOGGER BY HACH COMPANY

<https://www.hach.com/flow>

“The FL1500 is the most agile Hach® flow monitoring solution for measuring and logging open channel flow, working with the largest selection of Hach sensors to accommodate even the most challenging sites and hydraulic conditions.

This multi-channel controller can handle up to four independent flow sensors. The FL1500 can also be paired with peripheral equipment such as a rain gauge, pH sensor, auto sampler, and mechanical totalizer. Collect measurements with ease from the Hach flow sensors you trust.”

Contact: hachflowsales@hach.com

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