

DEDICATED TO THE LIQUID WASTE INDUSTRY

# Pumper®

May 2024  
pumper.com

## BORN TO ▶ PUMP

Joe Watkins grew up riding shotgun in a septic truck with his dad. Now he represents the third generation in Michigan's wastewater industry.

Page 18

PRODUCT  
FOCUS

VACUUM  
TRUCKS/  
TRUCK BUILDER

Page 48



Your PJ, Your Way

RICHARD KARN &

 POLYJOHN®

*Video 1 of 5: Innovative Products & Technology*



 RICHARD KARN  
Actor & Celebrity Personality

 POLYJOHN



2500 GASPAR AVE., WHITING, IN 46394  
[PJPUMPER.COM](http://PJPUMPER.COM) | 800.292.1305



**DOWNLOAD OUR GUIDES**

[PJProductGuide.com](http://PJProductGuide.com)  
[PJPROReferenceGuide.com](http://PJPROReferenceGuide.com)

You're probably aware by now that we enlisted the help of actor and celebrity personality Richard Karn to help us spread the word about the many exciting things going on at PolyJohn.

Richard stars in a new video series we produced, and we're excited to share these videos with you so you can learn why there's never been a better time to choose PolyJohn.

In the first video, learn about the investments we're making in innovative products and technology to make our industry-leading product line even better!



# NVE

National Vacuum Equipment

■ Part of Atlas Copco Group

## 887 PRO

### Pro Pak

532 CFM



PUMP STAND COMPLETE



MUFFLER PACKAGE



MAX PACKAGE



## Challenger Series

VACUUM PUMPS & BLOWERS

**NATIONAL VACUUM EQUIPMENT**

2707 Aero Park Dr Traverse City, MI 49686

Phone: 800-253-5500 | Fax: 231-941-2354

natvac.com | sales@natvac.com



18

### Born to Pump - Betty Dageforde

Joe Watkins grew up riding shotgun in a septic truck with his dad. Now he represents the third generation in Michigan's wastewater industry.

#### 10 Between the Lines: Indiana Legislature Moves Further From Rational Septic Oversight

In their quest to broadly eliminate government regulations, lawmakers ignore the need for mandated septic inspection and pumping.  
- Jim Kneiszal

#### 14 @pumper.com

Check out the latest online-only content at the Pumper website.

#### 26 Septic Detective: Beware of Too Many Emulsifiers in the Septic Tank

Use of common household products must be monitored to prevent upsetting the healthy profile of scum, liquid and sludge layers during the settling process.  
- Sara Heger

#### 30 Money Manager: Tips for Navigating the Current Equipment Financing Environment

If you're in the market for new equipment, here's what you need to know about today's lending situation.  
- Joan Koehne

#### 34 Building the Business: Streamline Your Way to Customer Service Success

Simpler approaches to serving customers will improve their experience, encourage them to call again and again.  
- Kate Zabriskie

#### 36 Snapshot: Three Big Challenges: Forever Chemicals, Disposal, Recruiting Members

The head of the Wisconsin Liquid Waste Carriers maintains the wastewater industry will continue to provide a vital service to septic system users.

#### 40 Vacuum Tank Directory

#### 46 Classy Truck of the Month

Dusty Underwood Plumbing and Septic, Bonham, Texas

#### 48 Product Focus

Vacuum Trucks/Truck Builder  
- Craig Mandli

#### 54 Product News/Spotlight

Smoke blower adds versatility with battery option  
- Craig Mandli

#### 56 Rules & Regs:

Montana Treatment Plant Is Overcome by Septage Waste; Cuts Off Some Pumpers  
- Betty Dageforde

#### 58 Industry News

#### 60 Associations List

### ON THE COVER:



Third-generation pumper Joe Watkins is shown at the Hartland, Michigan, headquarters for Watkins Septic & Drain with an International truck built out by Imperial Industries and carrying a National Vacuum Equipment 4310 blower. (Photo by Eric Seals)

### COMING IN JUNE

➤ **SNAPSHOT:** Networking in Oregon

➤ **PROFILE:** Ohio pumper refuses to retire

Published monthly by



COLE Publishing Inc.  
PO Box 220  
Three Lakes, WI 54562

© Copyright 2024 COLE Publishing Inc.  
No part may be reproduced without permission of the publisher.  
In U.S. or Canada call toll-free 800-257-7222.  
Email: info@pumper.com | Website: www.pumper.com

Office hours: 7:30 a.m.-5:00 p.m. Central Time, Monday - Friday

**SUBSCRIPTION INFORMATION:** A one-year (12 issue) subscription to Pumper in the United States, Canada and Mexico is free to qualified subscribers. Subscriptions to all other foreign countries cost \$150 per year (\$290 for two years). Subscribers are guaranteed monthly delivery of the magazine. To subscribe please visit pumper.com or send company name, mailing address, phone number and check or money order (U.S. funds payable to COLE Publishing Inc.) to the address above. MasterCard, VISA, Discover and American Express are also accepted. Supply credit card information with your subscription order.

Our subscriber list is occasionally made available to carefully selected companies whose products or services may be of interest to you. Your privacy is important to us. If you prefer not to be a part of these lists, please contact Holly Gensler at holly.gensler@colepublishing.com

**CLASSIFIED ADVERTISING:** Submit classified ads online at www.pumper.com/order/classifieds. Minimum rate of \$25 for 20 words; \$1 per each additional word. Include a photo for an additional \$125. All classified advertising must be paid in advance. DEADLINE: Classified ads must be received by the tenth of the month for insertion in the next month's edition. PHONE-IN ADS ARE NOT ACCEPTED. Fax to 715-350-8456 only if charging to MasterCard, VISA, Discover or Amex. Include all credit card information and your phone number (with area code). Mail with check payable to COLE Publishing Inc. to the address above. CLASSIFIED ADVERTISING APPEARS NATIONWIDE AND ON THE INTERNET. Not responsible for errors beyond first insertion.



Jim Flory



Winnie May

**DISPLAY ADVERTISING:** Email Jim Flory at jim.flory@colepublishing.com or Winnie May at winnie.may@colepublishing.com or call 800-994-7990. Publisher reserves the right to reject advertising, which in its opinion is misleading, unfair or incompatible with the character of the publication.

**CONTROLLED CIRCULATION:** 20,500 per month. This figure includes all circulation regions (nationwide) and international distribution.

**REPRINTS AND BACK ISSUES:** Visit www.pumper.com for digital reprint options and pricing. To order back issues, call Holly at 800-257-7222 or email holly.gensler@colepublishing.com.



CUSTOM BUILT. DRIVEN BY YOU.

YOUR SALES, PARTS AND SERVICE EXPERTS.

Visit Us:

1-800-263-4508

parts@transwaysystems.com  
sales@transwaysystems.com

www.transwaysystems.com



# CUSTOM BUILD YOUR TRUCK TO HANDLE THE DEMANDS OF YOUR INDUSTRY



WE HAVE THE LINE UP TO MEET YOUR NEEDS



TOILET TRUCKS  
SEPTIC TRUCKS  
INDUSTRIAL TRUCKS

MUNICIPAL TRUCKS  
TRANSFER TRUCKS  
HYDRO EXCAVATOR TRUCKS

SLIDE-IN UNITS  
PORTABLE TOILET UNITS  
ALUMINUM TANK TRUCKS



*Custom Options Available To Fit All Your Needs !*

# Make inspection easier with push cameras.

TeamJDC.com | 800.336.4369



# JDC



## ADVERTISER INDEX

<b>ABBOTT RUBBER</b> COMPANY, INC.	In the Round Dewatering	<b>ScreenCO</b> Systems
Abbott Rubber Co., Inc. .... 45	In the Round Dewatering ..... 46	ScreenCO Systems, LLC ..... 35
<b>dvance</b>	<b>INTEGRITY TANK</b>	<b>SIG</b>
Advance Pump & Equipment, Inc. .... 38	Integrity Tank Sales & Svc. .... 58	Slide In Queen ..... 59
<b>AIC</b> American Tank Co.	JDC ..... 6	<b>TY TOOLS</b>
American Tank Company ..... 53	Jurop s.p.a. .... 49	T&T Tools, Inc. .... 55
<b>AMT PUMP COMPANY</b>	<b>KeeVac</b>	<b>T.S.F. COMPANY, INC.</b>
AMT Pump Company ..... 41	KeeVac Industries ..... 37	T.S.F. Company, Inc. .... 21
<b>AQUA-ZYME DISPOSAL SYS.</b>	<b>KEY COMMERCIAL CORP.</b> Commercial Equipment Leasing	<b>tanktrack</b>
AQUA-Zyme Disposal Sys. .... 41	Key Commercial Corp. .... 47	Tank Track LLC ..... 47
<b>arcan</b>	<b>LANE'S VACUUM TANK, INC.</b>	<b>TANK WORLD CORP.</b>
Arcan Enterprises ..... 45	Lane's Vacuum Tank, Inc. .... 45	Tank World Corp. .... 28
<b>CAM SPRAY</b>	<b>Marsh</b>	<b>TankTec</b>
Cam Spray ..... 16	Marsh Industrial ..... 49	TankTec ..... 51
<b>CAPE COD BIOCHEMICAL CO.</b>	<b>EXPLORER</b>	<b>TG</b>
Cape Cod Biochemical Co. .... 59	McKee Technologies - Explorer Trailers ..... 25	Transport Truck Sales/Transport Tank Sales ..... 51
<b>CENTURY CHEMICAL CORP.</b>	<b>MRP</b>	<b>TRANSWAY SYSTEMS, INC.</b>
Century Chemical Corp. .... 60	Milwaukee Rubber Products .... 43	Transway Systems Inc. .... 5
<b>COMFORTS OF HOME SERVICES, INC.</b>	<b>NAWT</b>	Truck Country ..... 57
Comforts of Home Services ..... 32	N.A.W.T. .... 58	<b>TSI</b>
<b>CREWPLEX</b>	<b>National Truck Center</b>	TSI Tank Services, Inc. .... 47
CrewPlex ..... 12	National Truck Center ..... 9	<b>TUF-TITE</b>
<b>CRUST BUSTERS</b>	<b>NVE</b>	TUF-TITE, Inc. .... 29, 37
Crust Busters ..... 16	National Vacuum Equipment ..... 3	UDOR U.S.A. .... 37
<b>WALLENSTEIN VACUUM TRUCKS</b>	<b>norweco</b>	<b>VAC-CON</b>
Elmira Machine Industries/Wallenstein Vacuum ..... 25	Norweco, Inc. .... 8	Vac-Con, Inc. .... 23
<b>ENGINE &amp; ACCESSORY, INC.</b>	<b>pikrite</b>	<b>VECTOR</b>
Engine & Accessory, Inc. .... 15	Pik Rite, Inc. .... 12	Vector Manufacturing ..... 27
<b>FLOW MARK VACUUM TRUCKS</b>	<b>POLYJOHN</b>	<b>vacutruX</b>
FlowMark Vacuum Trucks ..... 43	PolyJohn ..... 2	vacutruX Limited ..... 25
<b>FMC ADVISORS</b>	<b>PortaLogix</b>	<b>vs</b>
FMC Advisors ..... 39	PortaLogix ..... 61	Vacuum Sales, Inc. .... 16, 55
<b>FRUITLAND</b>	<b>POWER BOOSTER BY PRESSURE LIFT</b>	<b>VARCO</b>
Fruitland Manufacturing ..... 33	Pressure Lift Corporation ..... 57	VARCO ..... 13
<b>GORDON TRUCKS</b>	<b>PRESVAC</b>	<b>WALEX</b>
Gordon Trucks ..... 32	Presvac Systems ..... Back Cover	Walex Products Company ..... 31
<b>GUZZLER</b>	<b>R.A. ROSS &amp; ASSOCIATES NE, INC.</b>	<b>Conde</b>
Guzzler Manufacturing ..... 17	R.A. Ross & Associates NE, Inc. .... 39	Westmoo Ltd. .... 53
<b>HANNAY REELS</b>	<b>Summit</b>	<b>Classifieds</b> ..... 64
Hannay Reels ..... 11	Ritam Technologies, LLC ..... 38	<b>Marketplace</b> ..... 62
<b>HOUSE OF IMPORTS</b>	<b>ROEDA</b>	
House of Imports ..... 7	ROEDA ..... 51	
<b>IMPERIAL INDUSTRIES</b>	<b>Roth</b>	
Imperial Industries, Inc. .... 71	Roth North America ..... 54	



## GET NEW CONTENT RIGHT TO YOUR INBOX!

SUBSCRIBE TODAY!  
Pumper.com/alerts

# HOI

HOUSE OF IMPORTS



## 7 YEARS FINANCING ON NEW TRUCKS!

CALL US TODAY!

ANGEL: **786-258-3384**

OFFICE: **305-691-4778**

EMAIL ABI: [abi@vacuumtruckusa.com](mailto:abi@vacuumtruckusa.com)

6995 NW 32ND AVE • MIAMI, FL 33147



**2024 Mack MD6** - Cummins ISB 260 HP, Locking Differential, Allison 2500 Auto. Trans., 2,000 Gallon Steel Tank, NVE 607 Pro Max Package (380 CFM), 24" Alum. Toolbox, Chrome Package

- **\$141,000** -



**2024 Freightliner M2** - Cummins ISB 250 HP, Allison 2500 Auto. Trans., 2,100 Gallon Aluminum Tank, NVE 607 Pro Max Package (380 CFM), 24" Alum. Toolbox, Chrome Package

- **\$156,000** -



**2025 Mack MD7** - Cummins ISB 260 HP, Allison 2500 Auto. Trans., 2,500 Gallon Steel Tank, NVE 607 Pro Max Package (380 CFM), 24" Alum. Toolbox, Chrome Package, 33k GVW

- **\$142,000** -



### 3 IN PROGRESS

**3 - 2015 International 4300s** - Cummins ISB 220 HP, Allison Automatic Trans., 2,000 Gallon Steel Tank, NVE 607 PRO (380 CFM), Aluminum Trays, Betts Lights, 24" Alum. Toolbox  
**\$79,500**

## 1 YEAR/100K WARRANTY INCLUDED ON ENGINES FOR CLASS 8 VEHICLES



**2006 Peterbilt 385** - Cummins ISM 400 HP, 10 Speed Trans., Jake Brake, PRE EMISSION, 4,000 Gallon Steel Tank, NVE 607 Pro (380 CFM) 36" Alum. Toolbox, Betts Lights, LOW MILES

- **\$118,000** -



**2012 Peterbilt 367** - Cummins ISX15 485 HP, 8LL Trans., 5,000 Gallon Steel Tank, NVE 4310 BLOWER Package (940 CFM), Flotation Tires, 20K Front Axle, 36" Alum. Toolbox, Betts Lights, LOW MILES

- **Call for Price** -



**2015 Peterbilt 365** - Cummins ISX12 425 HP, 8LL Trans., 4,000 Gallon Steel Tank, NVE PRO (380 CFM), CATWALK, Hoist System, Heavy Duty Front Bumper, 24" Alum. Toolbox, Betts Lights, LOW MILES

- **Call for Price** -



**2014 Peterbilt 365** - Cummins ISX12 425 HP, 8LL Trans., 4,000 Gallon Steel Tank, NVE PRO (380 CFM), Aluminum Wheels, Heavy Duty Front Bumper, 36" Alum. Toolbox, Betts Lights, LOW MILES

- **Call for Price** -



**2011 Peterbilt 365** - Cummins ISX12 425 HP, 8LL Trans., Dual-Compartment 4,000 Gallon Steel Tank, NVE 877 PRO MAX (538 CFM), Aluminum Wheels, Heavy Duty Front Bumper, Interior Welded Comp. (250 GAL), Heavy Duty Jetter, 48" Alum. Toolbox, Betts Lights, LOW MILES

- **Call for Price** -

# WWW.VACUUMTRUCKUSA.COM



**JIT YOU BET - TEAM PINK CAN HELP YOU  
MIND YOUR OWN BUSINESS - 1-800-NORWECO**





## NEW



**2024 WESTERN STAR 47X** NEW  
4,000 GALLON CARBON STEEL TANK, CUMMINS ISX  
(500 HP), ALLISON AUTOMATIC, NEW JUROP LC 420,  
(425 CFM) VACUUM PUMP  
**\$197,000**



**2024 MACK MD7** NEW 2500 GALLON  
CARBON STEEL TANK, CUMMINS ISB (280 HP),  
ALLISON AUTOMATIC, NEW B1100 SPARTAN PACK  
(393 CFM)  
**\$140,000**



**2025 KENWORTH T480** KENWORTH T480,  
NEW 4000 GALLON STEEL OR ALUMINUM TANK,  
PACCAR PX9 (350 HP), ALLISON AUTOMATIC  
NEW JUROP LC-420 (425 CFM) VACUUM PUMP  
**\$195,000**

## FEATURED - ALUMINUM TANKS

**2024 WESTERN STAR  
47X** NEW 4,000 GALLON  
ALUMINUM TANK, CUMMINS ISX  
(450 HP), ALLISON AUTOMATIC,  
NEW SPARTAN 420 (423 CFM)  
VACUUM PUMP  
**\$215,000**



**2024 MACK MD7**  
NEW 2500 GALLON  
ALUMINUM TANK, CUMMINS  
ISB (280HP), ALLISON  
AUTOMATIC, NEW B1100  
SPARTAN PACK (393CFM)  
**\$155,000**



## USED



**2018 INTERNATIONAL 4300**  
CUMMINS ISB (280HP), ALLISON AUTOMATIC,  
NEW 2000 GALLON ALUMINUM TANK, NEW JUROP  
PN 58 (230 CFM) VACUUM PUMP  
**\$109,000**



**2016 FREIGHTLINER M2** NEW B1100  
SPARTAN PACK (393 CFM), ALLISON AUTOMATIC,  
NEW 2500 GALLON ALUMINUM TANK  
**\$117,000**



**2018 FREIGHTLINER CASCADIA**  
DETROIT DD13 (470 HP), ALLISON AUTOMATIC, NEW  
4000 GALLON TANK, NEW JUROP LC-420 RAZOR-  
PAK (425 CFM)  
**\$135,000**



Contact Jim with your comments, questions and opinions at [editor@pumper.com](mailto:editor@pumper.com).

**Jim Kneiszel**  
Editor

# Indiana Legislature Moves Further From Rational Septic Oversight

In their quest to broadly eliminate government regulations, lawmakers ignore the need for mandated septic inspection and pumping

By Jim Kneiszel

**T**he wastewater industry gathers every year in Indiana at the WWETT Show to see the latest septic system treatment technologies and the best vacuum trucks available to our nation's pumpers. At the same time, it's the Crossroads of America, the Hoosier state, that is currently taking a big step backward in oversight of an outdated and crumbling septic system infrastructure.

How's that for irony? On one hand, our industry's manufacturers and leading service providers come to Indianapolis to learn how to update and improve service of septic systems, while legislators a few blocks away at the state Capitol are doing what they can to prevent regulatory rules necessary to prompt the inspection, repair and replacement of failing systems.

In 2023, the Indiana legislature passed the House Enrolled Act 1402 that — though it had some positive impacts for the septic service industry — started the ball rolling to prevent any mandatory inspection of septic systems. Clean-water critics of the law at the time said it would lead to more system failures. They pointed out that an estimated 200,000 of the state's 800,000 septic systems were already failing or inadequate.

On the plus side, the law made changes that could encourage easier statewide approval for use of new treatment technologies. It also promised to speed up system design approval, requiring local health departments to issue residential onsite system permits no more than 30 days after receiving applications. In a world where there are too many patchwork regulations over use of new products, these changes would help our industry manufacturers get proven technologies to the market and in the hands of pumpers to improve their customers' systems.

But for all that is good with the legislation, it also ties the hands of local and county health departments that might want to promote mandatory periodic septic inspections to identify failing systems and see them repaired and replaced. As noted by critics at the time, the one-size-fits-all approach does not allow communities with sensitive waterways, for example, to require inspections as they see fit to protect a sensitive environment.

## WHAT ABOUT LOCAL CONTROL?

At a time when many political candidates run for office on the promise of returning control over issues to the local government, this signaled the exact opposite. The law says no local or county regulation could be more stringent than the state rules.

Now Indiana is poised to continue its fight against commonsense

➤ In their zeal for a scattershot attack on government regulations, I believe Indiana legislators are doing a disservice not only to the environment and the septic service industry. They are not serving the best interests of their constituents who use septic systems.

inspection and pumping regulations that have become accepted standards by septic system users in other states for a generation or longer. The new House Bill 1352 would allow inspections after installation of a system only if it were required by the manufacturer, requested by the owner or required by federal or other state law, or if a complaint is filed with a health department, as reported in the *Daily Reporter* of Greenfield, Indiana.

A companion bill, House 1329, would prevent a local health department or other government agency from requiring time-of-sale real estate system inspections, a common trend across the country to identify and address failing systems. The bill's author Rep. Jim Pressel, R-Rolling Prairie, contends such inspections are unnecessary government intrusions into private lives.

"Should the government also inspect our cars before we trade those? I don't think that's government's role," he said in the report. "It's totally up to you, the consumer, to do your due diligence. ... But when government steps in and says to sell your property, we want this inspection and there's no criteria for the inspections — no."

The new laws reportedly have strong support in the legislature and will take effect in July if they receive passage. However, detractors say closing the loop on these already-restrictive laws is not good for the environment or the state of the onsite industry in Indiana. Megan Freveletti, of the Conservation Law Clinic at Indiana University, told the paper the new laws would not help the state correct a history of failing septic systems and lessen the risks to clean water.

"Local government should have the ability to set the standards as they see fit to address problems in their communities, especially those with extremely detrimental effects to the environment and human health," she said.

And David Bottorff, executive director of the Association of Indiana Counties, told the paper, "There's a value in the public knowing that septic systems are functioning properly," and added that point-of-sale or periodic inspections could be a useful change.

## SOME RULES MAKE SENSE

No kidding. To someone who has lived with — and readily accepted — mandated septic inspections every three years per rules in my home state of Wisconsin, this seems like an unfortunate situation. In their zeal for a scattershot attack on government regulations, I believe Indiana legislators are doing a disservice not only to the environment and the septic service industry. They are not serving the best interests of their constituents who use septic systems.

First of all, I am happy to pay a few hundred dollars for a professional inspection of my septic system every three years and the mandated pumpout that goes along with it when needed. This is a smart and small investment to protect the viability of a system that could cost \$20,000 to replace if it failed. Septic systems, when properly maintained, offer a significant value compared to being connected to a municipal sewer system.

Second, I have worked in the wastewater industry for 20 years and know how disconnected from reality many homeowners are when it comes to the care and maintenance of their systems. Most have no clue what's going on underground, and without property transfer inspections, many buyers and sellers are stung by surprise failures.

Also, I feel comfortable in saying that if any of these legislators would ride around with a pumper for a week, they might be sprinting to the capital to try and change their votes to encourage more mandated inspections and pumping.

Can you imagine the look on a politician's face when you pull the lid on a tank that hasn't been pumped in 30 years? Invite them to jump up and down on the hardened scum layer in their expensive Oxford shoes. Hand them the Crust Buster and see if they can push it through the layer of FOG and baby wipes and spin the contents into a slurry.

Send them to the door to talk to the customer about how it would be smart to have the tank pumped every three to five years, only to hear the response: "There's nothing wrong with the septic tank. I haven't had to get it pumped for 30 years and it's worked fine."

This would be a real eye-opener to someone paid to sit and make laws without truly considering their impact — both the good and the bad. They might conclude it's not always the best to leave people up to their own devices — that some individuals may indeed decide to never have their septic tank inspected or pumped. To their own detriment.

## BEEN THERE. DONE THAT

As a citizen who has served on a city council and as a county board supervisor, I have heard my fair share of complaining about government regulation. And many times these are very sound arguments and I agree with them. I think you'd have to look a while to find someone who really thinks we need a lot more government regulation.

But I also recognize there is a place for government regulation. And I've worked with pumpers long enough to understand that some degree of mandated septic inspection is needed to protect both the consumer utilizing the private treatment system and the general public that deserves protection of our clean water supplies. The unfortunate reality is that a good number of folks — when unprompted by rules and regulations — will ignore their responsibility to care for their septic system. And that's bad for everyone.

My hope is that Indiana legislators reverse the course they're on, and takes another look at rational septic system regulation. **P**



# BUILT FOR THIS

## WASTEWATER HOSE REELS

### VACUUM & WATER JETTING/BLASTING

High-quality, low-maintenance reels built to your unique specs, providing reliable, long-lasting performance for the pumper/cleaner industry.



▶ COUNT ON IT

**HANNAY.COM** | 877.467.3357



# CONNECT AND COMMUNICATE.



**EASY SETUP**  
Just Power On and Go!



**INTELLIGENT NOISE CANCELLATION**



**NO BASE STATION**



**RUGGED AND DURABLE**



**MIX AND MATCH MR-10 AND DR-10**



**SMARTBOOM®**  
**ON/OFF OPERATION**  
with **AMBIDEXTROUS DESIGN**  
(Left or right side boom)



CREWPLEX MR-10



**NEW! CREWPLEX DR-10 ALL-IN-ONE**



**MAXIMIZE EFFICIENCY | IMPROVE SAFETY | BOOST PROFITABILITY**



**MORE HEADSET OPTIONS THAN ANY OTHER SYSTEM**  
Call or visit **CREWPLEX.COM** to learn more.



+1.334.321.1400  
sales@crewplex.com  
www.crewplex.com



# TANKS YOU CAN COUNT ON FROM PEOPLE YOU CAN TRUST



4,000-GALLON ALUMINUM, NVE 4310 BLOWER, 2024 PETERBILT 548, PACCAR PX-9, ALLISON 3000 RDS. STOCK #13133. CALL FOR PRICE



3,600-GALLON STEEL, NVE 4310 BLOWER, 2024 KENWORTH T-480, PACCAR PX-9, ALLISON 3000 RDS. STOCK #13136. \$250,255 INCLUDES FET



5,500-GALLON ALUMINUM, NVE 4310 BLOWER, 2024 PETERBILT 567 SBA, PACCAR MX-13, ALLISON 4500 RDS. STOCK #13011. CALL FOR PRICE



CLINT BEN TIM  
OUR TANK SALES TEAM IS AT YOUR SERVICE

## CUSTOM

WE WILL DESIGN AND BUILD TO YOUR EXACT SPECIFICATIONS

## STOCK

SCAN TO SHOP AVAILABLE TRUCKS



800-326-9763 sales@pikrite.com www.pikrite.com/pumper

# RIDGID.

NOW AVAILABLE AT...

 **VARCO**  
SUPPLY

**RIDGID NAVITRACK  
SCOUT 512HZ  
PLUMBING  
RECEIVER**  
PART# 19238  
**\$1,775.60**



**RIDGID K-60SP 115V  
SECTIONAL MACHINE**  
PART# 66492  
**\$1,861.94**



**RIDGID  
K-5208,  
115V 60HZ  
SECTIONAL DRAIN  
CLEANER KIT**  
PART# 61693  
**\$4,250.64**



**RIDGID SEESNAKE  
131' COMPACT M40 REEL (SC)  
CS6X VERSA MONITOR  
W/ BATTERY & CHARGER**  
PART# 63818  
**\$10,797.54**



**RIDGID SEESNAKE  
200' HDR TRUSENSE  
MINI SELF-LEVELING COLOR CAMERA REEL**  
PART# 63628  
**\$7,791.99**



**RIDGID SEESNAKE  
325' HDR TRUSENSE  
SELF-LEVELING COLOR CAMERA REEL**  
PART# 63583  
**\$10,131.21**



**RIDGID'S PROUD HISTORY  
IS BUILT ON THE TRUST OF THE TRADES**

Since the day we invented the modern pipe wrench, we've made it our mission to build for the world's expert tradespeople - those who know the limits of the job and how to exceed them.

**VARCO - 50 YEARS OF SERVICE TO THE  
OIL & GAS AND WASTE WATER INDUSTRIES**

We are proud of our core values: Outstanding Customer Service, Same Day Shipping, Low Prices, Knowledgeable Customer Service Representatives and most importantly, being a Family Owned Business.

**VARCO SUPPLY NOW  
CARRIES YOUR  
FAVORITE RIDGID  
TOOL PRODUCTS!**



AD CODE 5PR24

[www.varcopumper.com](http://www.varcopumper.com) | (703) 334-5980  
11775 Lexington Valley Dr. Manassas, VA 20109

# @ Pumper.com

Visit the site daily for new, exclusive content. Read our blogs, find resources and get the most out of Pumper magazine.



**SOFT SKILLS**

## Crucial for Success

In the skilled trades industry, where the focus is often on technical skills and physical endurance, soft skills are sometimes overlooked. However, these non-technical skills are crucial for the success of any project.

[pumper.com/featured](https://pumper.com/featured)



**NEW SURVEY**

## Dangerous Digging Practices

Common Ground Alliance recently announced results from a national survey which found 26.9 million homeowners planning do-it-yourself digging projects will not contact 811, putting themselves and their communities at risk of utility service disruptions. Read more about the survey in this online article.

[pumper.com/featured](https://pumper.com/featured)

“ One of the best and worst things about working in this industry is that just about every site visited is different, so what is useful at one is not at the next. ”

– *Be a Flow Fighter and Preserve a Septic System*

– [pumper.com/featured](https://pumper.com/featured)



**HIGH WATER**

## Troubleshooting the Alarm

This article tackles a frustrating septic system issue: the pump works but the tank won't drain. When you're called out for a high-water alarm and the pump appears to be working, follow the tips offered in this online exclusive article to diagnose the issue.

[pumper.com/featured](https://pumper.com/featured)

**MINIMIZE DISTRACTIONS**

## Prevent Workplace Hazards

Distractions — everything from phones to unfinished tasks — can impact focus and safety at work. Learn how to be present and eliminate distractions for better productivity and a safer work environment.

[pumper.com/featured](https://pumper.com/featured)



**CONNECT WITH US**

**emails and alerts**

Visit [Pumper.com](https://Pumper.com) and sign up for newsletters and alerts. Get exclusive content delivered right to your inbox, and stay in the loop on topics important to you!

**want more?**

Find us on Facebook at [fb.com/PumperMag](https://fb.com/PumperMag) or X at [X.com/PumperMag](https://X.com/PumperMag) or [instagram.com/pumpermagazine](https://instagram.com/pumpermagazine)



**2024 HINO L6**, CUMMINS ISB 240 HP, ALLISON 2200 RDS AUTO. TRANSMISSION, 2000 ALUMINUM TANK, FRUITLAND RCF 500 PUMP 320 CFM, 24" ALUM. TOOLBOX, 25,950 GVWR.  
**PRICE \$137K + FET | STOCK #43**



**2025 KENWORTH T880**, CUMMINS ISX 450 HP, ALLISON 4500 RDS AUTO. TRANSMISSION, 5200 ALUMINUM TANK, NVE 4310 BLOWER 940 CFM, 36" ALUM. TOOLBOX, 79K GVWR.  
**PRICE \$286K + FET**



**2024 KENWORTH T380**, CUMMINS I9 300 HP, ALLISON 3000 RDS AUTO. TRANSMISSION, 2500 ALUMINUM TANK, FRUITLAND RCF 500 320 CFM, 36" TOOLBOX, CHROME PACKAGE, 66K GVWR.  
**PRICE \$182K | STOCK #32**



**2025 MACK MD7**, CUMMINS ISB 300 HP, ALLISON 3000 RDS AUTO. TRANSMISSION, 2500 GALLON ALUMINUM TANK, MASPORT TITAN 407 CFM, 36" ALUM. TOOLBOX, 33K GVWR.  
**PRICE \$164K + FET**



**2025 PETERBILT 537**, CUMMINS ISL-9 300 HP, ALLISON 3000 RDS AUTO. TRANSMISSION, 2500 ALUMINUM TANK, NVE B500 BLOWER 420 CFM, 36" ALUM. TOOLBOX, 33K GVWR.  
**PRICE \$190K + FET**



**2025 INTERNATIONAL HX620**, CUMMINS X15 450 HP, ALLISON 4500 RDS AUTO. TRANSMISSION, 5200 ALUMINUM TANK, NVE 4310 BLOWER, 940 CFM, 24" ALUM. TOOLBOX, 79K GVWR.  
**PRICE \$286K + FET**

## TRUCK OF THE MONTH

**2025 PETERBILT 567**, CUMMINS IXS 450 HP ENGINE, ALLISON 4500 RDS AUTOMATIC TRANSMISSION, 4200 GALLON ALUMINUM HOIST TANK, JUROP HELIX 220 BLOWER 755 CFM, 36" ALUMINUM TOOLBOX AND 66K GVWR.

**PRICE \$328K + FET STOCK #10**



**2025 PETERBILT 548**, CUMMINS 350 HP, ALLISON 3000 RDS AUTO. TRANSMISSION, 4200 ALUMINUM TANK, FRUITLAND RCF 870 501 CFM, 36" ALUM. TOOLBOX, 66K GVWR.  
**PRICE \$212K + FET**



**2025 INTERNATIONAL MV607**, CUMMINS ISB 300 HP, ALLISON 3000 RDS AT, AIR RIDE SUSPENSION, 2500 ALUMINUM TANK, FRUITLAND RCF 500 VACUUM PUMP, 24" ALUM. TOOLBOX, 33K GVWR.  
**PRICE \$161K**



**2025 PETERBILT 567**, CUMMINS ISX 450 HP, ALLISON 4500 RDS AUTO. TRANSMISSION, 4200 ALUMINUM TANK, NVE 4310 BLOWER 940 CFM, 36" TOOLBOX, CHROME PACKAGE, 66 GVWR.  
**PRICE \$286K + FET**



**OUR SALES TEAM:**  
**GEORGE** (954) 558-0816  
**ROGER** (305) 409-8603  
**RJ** (786) 328-9330



**OUR WEBSITE :**  
EAMTANKTRUCKS.COM  
EAMPARTS.COM



**OUR ADDRESS:**  
12201 NW 30TH PLACE  
MIAMI, FL 33167-2526



**OUR STORE:**  
SCAN TO VIEW  
PARTS & PRICES



# WORKING WELL UNDER PRESSURE

Building Drain and Sewer Equipment since 1981.

PRICES GOOD THROUGH JUNE 1ST OR WHILE QUANTITIES LAST

NEW



### 4008H Power Unit

»8.2 gpm @ 4000 psi    »400' x 3/8" Jet Hose  
»800 cc EFI Honda Engine    on DC Powered Reel

Just Add A Tank! **\$12,719 plus freight**

### 3012H Power Unit

»12 gpm @ 3000 psi    »400' x 1/2" Jet Hose  
»800 cc EFI Honda Engine    on DC Powered Reel

**\$13,159 plus freight**

### 4008H Compact Skid

»8.2 gpm @ 4000 psi    »400' x 3/8" Jet Hose  
»800 cc EFI Honda Engine    on DC Powered Reel

(100 GALLON TANK) **\$14,129 plus freight**

### 3012H Compact Skid

»12 gpm @ 3000 psi    »400' x 1/2" Jet Hose  
»800 cc EFI Honda Engine    on DC Powered Reel

(100 GALLON TANK) **\$14,579 plus freight**

NEW



NEW



### RCJ4008H

»8.2 gpm @ 4000 psi    »200' x 3/8" Jet Hose  
»800 cc EFI Honda Engine    on Manual Reel

(30 GALLON TANK) **\$8,539 plus freight**

NEW



### LJ4008H

»8.2 gpm @ 4000 psi    »200' x 3/8" Jet Hose  
»800 cc EFI Honda Engine    on Manual Reel

(30 GALLON TANK) **\$8,399 plus freight**



### VM4008H

»8.2 gpm @ 4000 psi    »50' x 3/8" Washdown  
»690 cc Honda Engine    Hose on DC Reel

(130 GALLON TANK) **\$13,399 plus freight**



### VM3012H

»12 gpm @ 3000 psi    »400' x 1/2" Jet Hose  
»800 cc EFI Honda Engine    on DC Reel

(130 GALLON TANK) **\$13,899 plus freight**

TRAILER MODELS AVAILABLE through 25 gpm @ 4000 psi

All Jets Shown Come with Pulse Valve, 2 Jet Nozzles, Tool Box, Gloves, Safety Glasses, Tip Cleaner, Tiger Tail, Wash Down Trigger Gun with Nozzles.

### Pressure Washers & Drain Jetting Equipment

We Build Electric, Gas and Diesel powered models up to 4000 psi, flows up to 40 gallons per minute. Don't see exactly what you want... We will custom build exactly what you want!

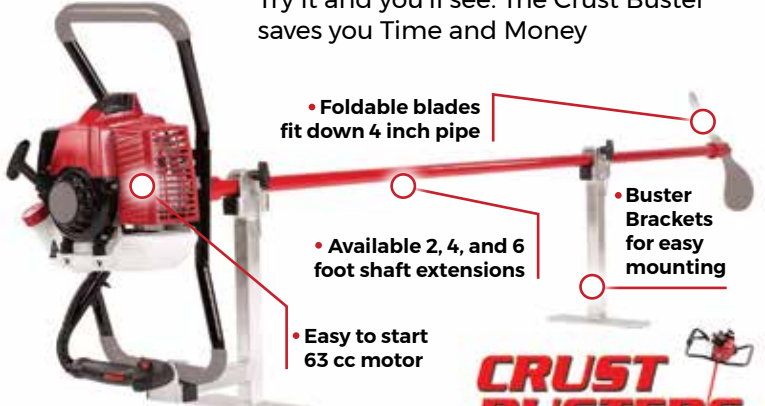
800-648-5011 | www.camspray.com | sales@camspray.com

# THE SEPTIC TANK AGITATOR



## IS YOUR BACK TIRED OF BACKFLUSHING?

We believe agitation save aggravation. Try it and you'll see. The Crust Buster saves you Time and Money



• Foldable blades fit down 4 inch pipe

• Available 2, 4, and 6 foot shaft extensions

• Easy to start 63 cc motor

• Buster Brackets for easy mounting

763-878-2296 | sales@crustbusters.com

# CRUST BUSTERS

Enjoy **FREE SHIPPING** On All Orders! (To lower 48 states)

- Order Online -

## www.CrustBusters.com



### Vacuum Sales Inc.

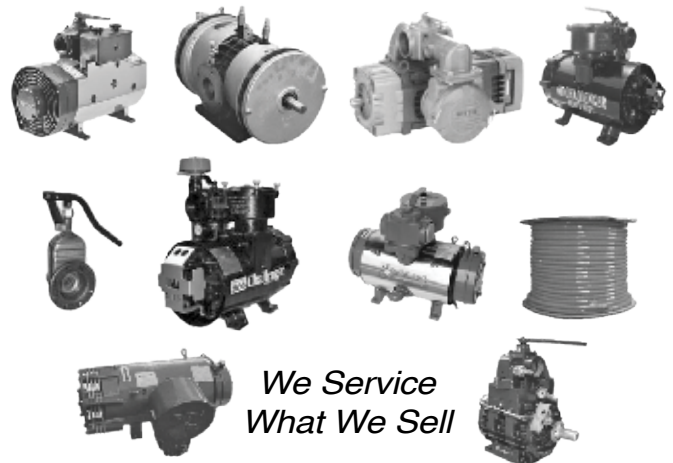
51 Stone Road, Lindenwold, NJ 08021

## Order Discounted Pumps Online

24 hours a day 7 days a week

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

parts@vacuumsalesinc.com



We Service What We Sell

VISA Discover PayPal 800-547-7790 • fax: 856-627-3044



# Tackling the Toughest Jobs On Earth



Guzzler is the world leader in industrial vacuum loaders and equipment, and our equipment is hard at work in the world's most punishing applications. Our trucks are designed to vacuum everything from solids and dry bulk powders to liquids, slurries, and thick sludge, offering the widest range of offloading options available.

Our mission has remained the same for over four decades, a dedication to quality, durability, and value, all while working to create a cleaner environment and supporting the individuals who own and operate our machinery.



[GUZZLER.COM](http://GUZZLER.COM)



LEARN  
MORE  
TODAY



► Pumper PROFILE



# BORN TO PUMP

Joe Watkins grew up riding shotgun in a septic truck with his dad. Now he represents the third generation in Michigan's wastewater industry.

By Betty Dageforde

◀ Carli and Joe Watkins are shown at the Watkins Septic & Drain shop with one of their vacuum trucks. (Photos by Eric Seals)

Joe Watkins says he basically grew up in the passenger seat of a septic truck. It was either do that or hang out with his mom, sisters and baby brother. “We lived out in the country and didn’t have any neighbors,” he says. “So I went with my dad six days a week through the summers, then on Saturdays during the school year.”

Joe’s grandfather had also been in the septic business so there was never any question that one day he would get out on his own and do the same. He worked for a few companies along the way and did some drain cleaning but by the time he was 30, he was on his own. His wife, Carli, joined in and his father helped out occasionally.

The couple operates the business, Watkins Septic & Drain, out of their property near Hartland, Michigan, northwest of Detroit. They recently built a heated barn to store equipment and are now building out the office portion of it.

The company services commercial and residential customers with its two lines — septic pumping/riser installations and drain/sewer cleaning and pipe repairs. Carli handles bookkeeping, phone answering and other office duties, while Joe works in the field. In October 2022, they hired their first employee to help with pumping tanks and installing risers.

### THE VALUE OF A NAME

Joe’s grandfather, James Watkins, started working for a septic company in the late 1960s after moving to Michigan from Kentucky. About 10 years later, he and his sons built a vacuum truck and went into business for themselves, as Watkins Septic.

In 1997, James was ready to retire. Due to family circumstances and dynamics at the time, he chose to sell the company name and phone number to one outside party, and the trucks and equipment to another. By then Joe’s father was working for another company.

Meanwhile, Joe had plans of his own. In his senior year of high school, he got his commercial driver’s license and after graduating in 2007 went to work for a septic company. He lost that job during the economic crash of 2008 and ended up with another company, but by then he also had a side business doing drain cleaning.

In 2017 Joe got serious about becoming self-employed. He bought a van, purchased more drain cleaning equipment, and created an LLC under the name Watkins Drain Cleaning. The following year he ordered a 2019 International 607 vacuum truck from Imperial Industries with a 3,600-gallon steel tank and a National Vacuum Equipment 607 Challenger pump, and 40 years after his grandfather started a septic pumping business Joe was proud to be doing the same.

Business was good the first half of the year but really took off the second due to a stroke of luck. “At the end of the year, I was able to buy back my grandfather’s name and phone number from the septic company he sold it to, so that’s when we became Watkins Septic & Drain LLC,” Joe says. “It made a huge difference.”

### EQUIPMENT LINEUP

Drain cleaning accounts for about 30% of the company’s business. Equipment includes Spartan Tool snakes, RIDGID cameras, Milwaukee power tools, and a jetter from Jettors Northwest mounted in a 2023 Ram Pro-Master 3500 van.

For septic work, they use a Crust Buster tank agitator, T&T Tools probes



## Watkins Septic & Drain LLC

Hartland, Michigan

**OWNER:** Joe and Carli Watkins

**FOUNDED:** 2019

**EMPLOYEES:** 3

**SERVICE AREA:** 25-mile radius

**SERVICES:** Septic pumping, riser installations, drain and sewer cleaning and pipe repairs

**WEBSITE:** watkinssepticanddrain.com

“ SINCE JOE WAS AN EMPLOYEE HIMSELF IN THE INDUSTRY, HE BELIEVES YOU HAVE TO PAY YOUR DRIVERS WELL. NOT EVERYBODY WANTS TO DO THIS JOB BUT IT’S ONE THAT NEEDS TO BE PERFORMED. ”

CARLI WATKINS



◀ Carli Watkins straightens hose between the truck parked on a driveway and the tank to be pumped.

## ► Pumper PROFILE



“ MICHIGAN IS TERRIBLE WITH REGULATIONS ON HAVING SEPTIC SYSTEMS INSPECTED, ... WHICH SHOCKS ME BECAUSE MICHIGAN IS THE LARGEST FRESHWATER RESOURCE IN THE WORLD. ”

JOE WATKINS

► One of the vacuum trucks from Imperial Industries is parked in front of the shop at Watkins Septic & Drain in Hartland, Michigan.

► Joe Watkins

and hooks, and Prototek and Milwaukee locators. They also have a 2020 Bobcat E20 mini-excavator. “We use that for digging up septic tanks buried deep in the ground or if [a customer has] a broken sewage line from the house to the tank, or from the tank to the drainage field,” Joe says. “We dig those up and repair the lines.”

Carli says more people are getting risers. They installed about 400 in 2023. Some real estate inspectors recommend them so buyers are starting to request them. And with dig fees going up, risers often pay for themselves in labor savings.

### NEW TRUCKS

Joe sold his 2019 vacuum truck in 2023 and bought two new ones. One is a 2023 International HV607 built out by Imperial with a 4,250-gallon aluminum tank and NVE 4310 blower. It also carries a 100-gallon water tank with a garden hose reel used to wash filters and clean tools and equipment.

A few months later, he bought another 2023 International HV607 from Imperial with a 4,050-gallon waste/200-gallon freshwater aluminum tank and an NVE 4310 blower.

“That truck debuted at the 2023 WWETT Show,” Joe says. “Imperial had it on display. It has a PTO-driven hydrojetter with a Cat pump, a garden hose, a flowmeter and a trailer hitch to pull the excavator. It also has a remote system so you can remotely turn the pump on and off, open and close the valves, and run the hydrojetter.”

Joe is passionate about keeping the trucks clean and maintained, which he believes reduces the effects of wear and tear. Trucks are washed at least weekly, and more often when chloride products are put on the roads.

All septage is taken to the local treatment plant, about 12 minutes from their shop.





# TUFF-JON

Evansville's #1 Portable Toilet Rental and Sales

The TSF Company Inc.  
2930 S St. Phillips Rd.  
Evansville, IN 47712

## PORTABLE TOILETS • HOLDING TANKS • HAND WASH UNITS • ACCESSORIES

Tuff-Jon



Tuff-Jon III



TJ Shorty



TJ Kids



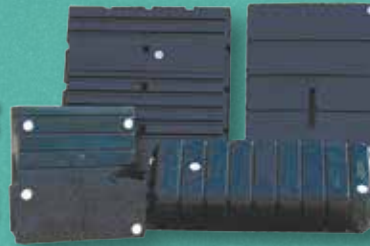
TJ Junior Single Free Standing Sink



Inside View



- Tank sizes 60, 105, 225, 300 and 440 gallons.
- Standard holes are 2 - 3" holes with plugs
- Can customize holes to match your specs



90 Gallon Free-Standing Sink with optional Handicap Accessible Sink



100 Gallon Fresh Water Supply Tank



TJ Handy Stand Waterless Gel Touch Dispensers



60 Gallon Rinse Tank



Sink Lifting Bracket



Containment Tray



We also carry:  
Lifting Bracket Assemblies  
Sky Heaters  
Corner Shelves  
Towel Dispensers  
Hand Washers



SERVING THE TRI-STATE AREA SINCE 1959

Toll Free: 1-800-843-9286 | 812-985-2630

Fax: 812-985-3671

Email: [aschenk@tuff-jon.com](mailto:aschenk@tuff-jon.com)

VISIT US ONLINE AT  
[WWW.TUFF-JON.COM](http://WWW.TUFF-JON.COM)

ASK US ABOUT RENTALS!

## ▶ Pumper PROFILE



▶ At a residential septic service call, Joe Watkins operates a Crust Buster tank agitator while Carli Watkins helps out.

### GOOD WAGES

When it becomes feasible, the company plans to offer 401(k) plans and other benefits for employees, but current benefits include paid vacations and holiday pay. And Carli says their technician is well paid in an area which typically has low wages. “Since Joe was an employee himself in the industry, he believes you have to pay your drivers well,” she says. “Not everybody wants to do this job but it’s one that needs to be performed.”

Their driver also receives a dig fee when he has to dig up a tank to service it. “He’s the one getting the wear and tear on his body, so he should get a piece of that pie,” Carli says. “That’s one thing Joe said — ‘I’ve dug a lot of holes in my lifetime and I feel, for a driver to even want to dig, we should give him some incentive.’”

As in many areas of the country, it’s hard to find and keep employees.

“At our receiving station, one week we see a driver with so-and-so’s truck, and the next week he’s in a different truck because someone offered to pay him a dollar more,” Carli says.

Joe and Carli try to go to the WWETT Show every year.

“We want to stay up on technology and what’s going on in the industry,” Carli says. “We’re definitely open-minded to changes and whatever can help our industry. We go to see what’s the newest thing — and we always buy something. I try to learn as much as I can because it’s an essential service and this is an industry that needs to have light shined on it. And you meet all these wonderful people from across the country — or sometimes the world.”

They are members of the Michigan Septic Tank Association where they

get continuing education credits and take classes. The association advocates for the industry with the legislature, but they often don’t get very far, Carli says.

### INFLATION CREEPING IN

Rising costs and inflation are really starting to change things, Carli says. “And no one is raising their prices. We have only raised our prices about \$50 since we started, and that is not enough, with the rise in fuel and everything else.”

Because of inflation, people tend to put off maintenance. And because there are no regulations, people think it’s not a necessity. But it catches up with them, which is what happened during COVID, Carli says. “The biggest thing I say is, ‘You can’t go rent a pump truck. No one can pump their own septic tank.’”

### ▶ MORE INFO

**Bobcat Corporate**  
800-743-4340  
[www.bobcat.com](http://www.bobcat.com)

**Crust Busters**  
888-878-2296  
[www.crustbusters.com](http://www.crustbusters.com)  
Ad on page 16

**Imperial Industries**  
800-558-2945  
[www.imperialind.com](http://www.imperialind.com)  
Ad on page 71

**Milwaukee Tool**  
800-729-3878  
[www.milwaukeetool.com](http://www.milwaukeetool.com)

**National Vacuum Equipment**  
800-253-5500  
[www.natvac.com](http://www.natvac.com)  
Ad on page 3

**RIDGID**  
800-474-3443  
[www.ridgid.com](http://www.ridgid.com)

**Spartan Tool LLC**  
800-435-3866  
[www.spartantool.com](http://www.spartantool.com)

**T&T Tools**  
800-521-6893  
[www.mightyprobe.com](http://www.mightyprobe.com)  
Ad on pages 55, 62



# VAC·CON

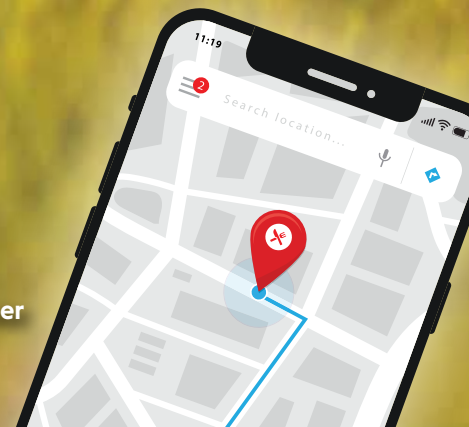
www.vac-con.com



At Vac·Con we believe in providing our customers quality, reliable machinery for their municipal, industrial, and utility markets worldwide.

From day one, our mission has been to design and build the most powerful and reliable machines in the industry, pushing the envelope year after year with unrivaled innovation. Visit your local dealer to learn why you should have Vac·Con in your fleet.

Find a dealer near you.  
[www.vac-con.com/dealer](http://www.vac-con.com/dealer)



## ► Pumper PROFILE

While the Watkins are all-in with social media advertising, they are also strong supporters of local businesses. They get their flyers and business cards printed by a local company and they run ads in the local monthly shopper newspaper. All of those things are beneficial, Carli says, and it covers the younger generations as well as the older.

They also like to support veterans and seniors. "They fight for our country so absolutely we want to give them a discount," Carli says. "And a lot of seniors are on a fixed income so we understand they need to pinch every penny they can."

A marketing company helped them put a 30-second video on their website. Carli takes photos of work out in the field to post on social media. And it gives her a chance to get out of the office and meet the customers, and for the customers to see who's behind the voice on the phone.

### TEAMWORK

Future plans include growing the business, possibly adding other services such as installations. "But Joe saw what happened in 2008 with the economy so he definitely understands you don't want to grow too fast and add too many services," Carli says.

There's also the labor situation to consider. They don't want to overwhelm themselves with work if they can't find help. Carli says that's the most challenging aspect of the business — not letting it consume their lives, especially since they have young children, a son, 5, and a daughter, 4. She says they have to accept that they can't do every tank, every emergency, every repair.

For Joe, the challenges include low profit margins on septic work, having to dig up lids to pump tanks, and low-ball pricing issues on the drain cleaning side. But he loves being his own boss, making the decisions, and being a third-generation operator.

Carli says one of the best things about the business for her is the customers.

"I love them," she says. "I'm definitely the customer service-oriented person. That was my background as a kid when my mom was in the service industry." She also says Joe's drive and passion for the industry has rubbed off on her. "We work hand-in-hand with each other. We're both driven people and make a great team." **P**



► Watkins uses a T&T Tools hook to lift the cover of a septic tank during a pumping job.



## Michigan needs regulation

Michigan has numerous lakes including four of the five Great Lakes. So Joe Watkins finds it disturbing that the state has minimal septic regulations.

"Michigan is terrible with regulations on having septic systems inspected," he says. "Some states have mandates that tanks have to be cleaned in a certain time frame, like two to five years. But not Michigan — which shocks me because Michigan is the largest freshwater resource in the world."

"Michigan puts out minimal regulations," his wife Carli adds. "Then each county gets to make its own rules on tank size and types of systems. It's different for every county and it gets confusing. That's why most of the guys around this area don't tackle more than a couple of counties." The couple would like to see mandates for pumping and inspections and a requirement for homeowners to put in risers. These issues are brought up year after year, Carli says. "But I think the state is focusing on other things and they say they don't have the staff or resources."



► Watkins secures the Crust Buster to one of the company's two nearly identical 2023 International HV607 service trucks built out by Imperial Industries and carrying a National Vacuum Equipment 4310 blower.

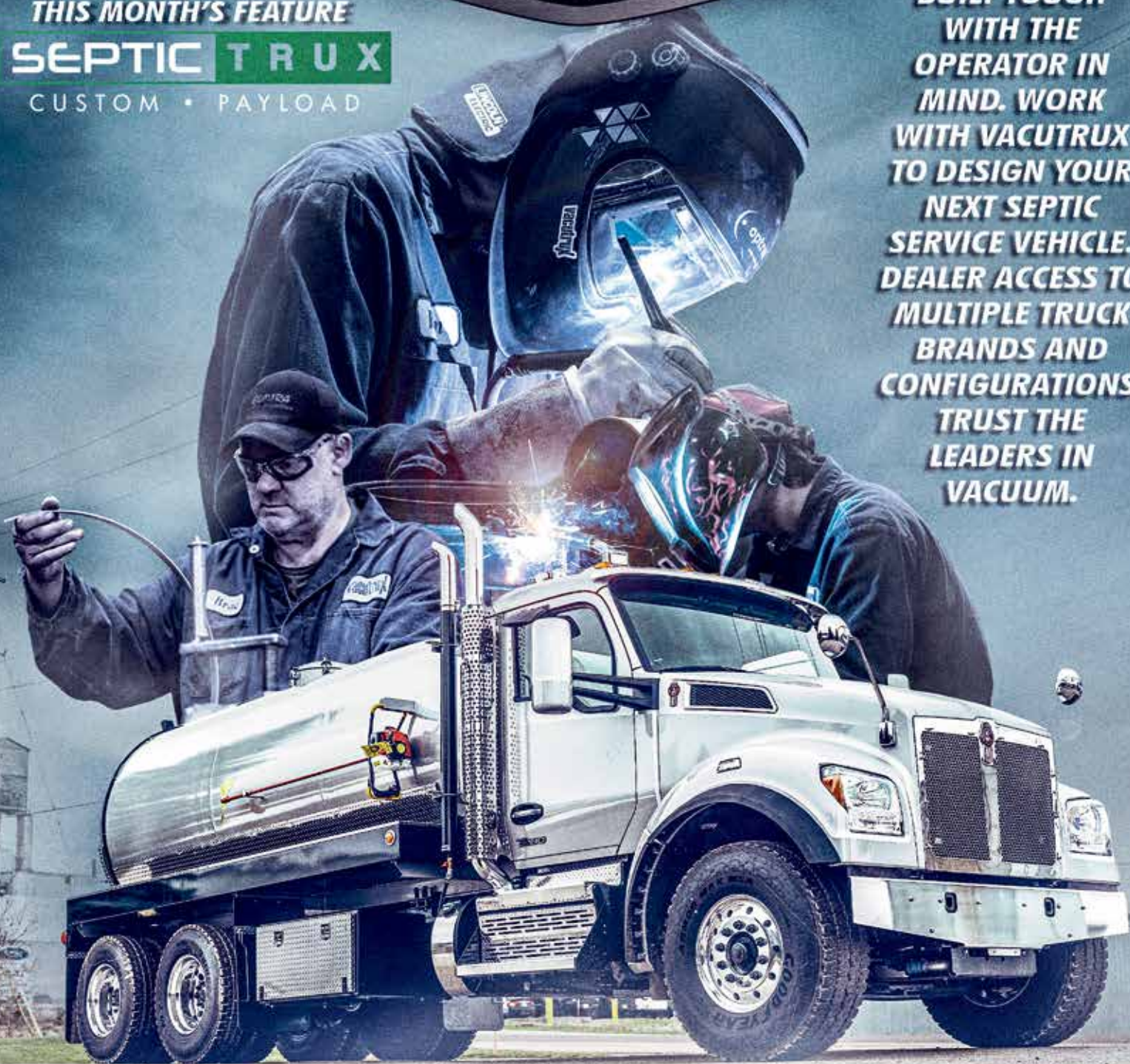


# **vacutrux**

**KING OF THE NORTH**

**THIS MONTH'S FEATURE**  
**SEPTIC TRUX**  
CUSTOM • PAYLOAD

**BUILT TOUGH  
WITH THE  
OPERATOR IN  
MIND. WORK  
WITH VACUTRUX  
TO DESIGN YOUR  
NEXT SEPTIC  
SERVICE VEHICLE.  
DEALER ACCESS TO  
MULTIPLE TRUCK  
BRANDS AND  
CONFIGURATIONS.  
TRUST THE  
LEADERS IN  
VACUUM.**



**20 Martins Lane,  
Elmira, ON, Canada**

**[www.vacutrux.com](http://www.vacutrux.com)**

**519.669.1625  
1.800.305.4305**



Sara Heger, Ph.D.  
Contributor

Sara Heger, Ph.D., is a researcher and instructor with the Onsite Sewage Treatment Program in the Water Resources Center at the University of Minnesota. She is also a certified septic system designer and service provider. Send questions for Sara to editor@pumper.com

## Beware of Too Many Emulsifiers in the Septic Tank

Use of common household products must be monitored to prevent upsetting the healthy profile of scum, liquid and sludge layers during the settling process

By Sara Heger, Ph.D.

The septic tank is a settling device that provides a space for sedimentation and flotation to take place. The primary purpose of the septic tank is to provide relatively quiescent conditions to allow settleable solids to sink to the bottom and accumulate and floatable solids to rise to the top and accumulate. Both segregation and stratification are essential to the overall performance of the septic tank and involve both ascending and descending matter.

In this article, we will discuss how some products could impact the natural flotation process in a septic tank. This issue can be identified by septic tanks that have no clear zone or lack a scum layer.

In general, the flotation process in a septic tank is about density. A particle or object will float if its density is less than the density of the wastewater in the tank. The flotation process is enhanced by oil and grease in the wastewater, which congeals on the small, discrete particle surfaces, making them more buoyant.

Accumulation of scum by flotation is a significant factor relative to the efficient removal of grease, oil and floating solids. In general, septic tanks are effective at removing fat, oils and grease. Septic tanks typically take residential wastewater from a FOG level of 75-100 mg/L to below 25 mg/L. It is critical not to overload downstream components with FOG, as they can lead to clogging and overloading.

Septic tanks that are not working properly may lack a scum layer at the top or may not have a distinct, clear zone as the scum that would normally be at the top is mixed in.

Emulsifiers are products (chemical) or processes (mixing) that affect this natural flotation process. An emulsion can take the scum layer, particularly the fat, oil and grease, and suspend it in the water. Whole milk is an example of an emulsion, in which the fat phase or cream forms tiny droplets within the milk.

Surfactants and emulsifiers help to keep dirt and oil particles suspended in the cleaning solution, preventing them from redepositing on surfaces. Emulsifiers are a type of surfactant.

- **Surfactant** is the broadest term. Both emulsifiers and detergents are surfactants. Surfactants, or *surface-active agents*, are compounds that lower the surface tension between two liquids or between a liquid and a solid.
- An **emulsifier** is a surfactant that stabilizes emulsions. Emulsifiers coat droplets within an emulsion and prevent them from coming together or merging.

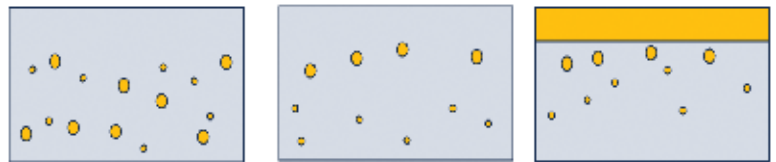


Diagram of emulsions in a septic tank, first image with full emulsification of floatable materials at the top, second image where larger particles are beginning to float, and the third image where some of the particles are in the scum layer.

Nature-based and synthetic emulsifiers are found in food, supplements, home and personal care, and industrial lubricant applications. The most common ones found in homes and residential wastewater include:

- **Cleaning products:** Soap, oven/stovetop cleaner, drain opener/clog remover, hard water stain remover, toilet cleaner, floor polish.
- **Laundry products:** Liquid fabric softener, laundry soap.
- **Grooming products:** Shaving cream, sunscreen, hand sanitizer, makeup remover, foundation, facial cleansers, exfoliants and liquid hand soap.
- **Hair products:** Shampoo, conditioner, hair dye, styling products.
- **Dental care products:** Toothpaste, teeth-whitening products and mouthwash.
- **Bath products:** Bath oils or salts, body wash and bubble bath.
- **Creams and lotions:** Moisturizers, hand creams, masks, anti-itch creams, hair-removal products and sunscreen.

In commercial kitchens, emulsifiers are common in degreasers and other cleaning products. They disperse oil and grease, allowing them to be rinsed away.



IntuiTouch 

## Vactor 2100i Combination Sewer Cleaner

# EASY DOES IT

**intuitive. intelligent. innovative.**

Your toughest sewer-cleaning jobs just got easier, faster and safer. The Vactor 2100i is an operator's dream, with **IntuiTouch**® in-cab controls for all operational systems and for the fully integrated front hose reel station. Industry-leading innovations and features include:

- **Modul-Flex**® design to customize your ideal machine
- **IntuiTouch**® controls for precision, comfort and safety
- Safety interlocks, non-destructive e-stops and boom alarms
- Convenient mid-ship water valve control station
- Pump and blower configurations for your exact needs
- Performance-driven options and upgrades available
- Backed by service excellence and the support of the industry's strongest dealer network.

All this power, control and ease of operation is backed by our commitment to keep you up and running with operator training and Vactor's unmatched service and support.

**VACTOR**  
**2100i**®



Visit [Vactor.com/2100i](https://www.vactor.com/2100i) to learn more.

# Tank World Corp

ALL MAJOR BRANDS IN STOCK  
AND READY TO BUILD

**TANK WORLD IS  
BRINGING THE HEAT**



Financing Available



**We build Vacuum trucks, Septic trucks,  
Porta Potty trucks, and Body swaps.**

We can do Steel, Stainless Steel and Aluminum.

NOT JUST BUILDING TRUCKS BUT BUILDING RELATIONSHIPS

Parts and Accessories In Stock

ASME & R stamp accredited

UL 142

**www.tankworldaz.com**

12001 W. Peoria Ave  
El Mirage, AZ 85335

Jerry's cell 623-680-2037  
tank.jerry1@gmail.com

Office 623-536-1199  
Fax 623-935-4514  
service@tankworldaz.com

# SEPTIC DETECTIVE

In septic systems, these emulsifiers can be difficult to remove by our typical sedimentation and floatation process. If used in large amounts, they can cause secondary emulsion where fats, oil and grease that was in the scum layer can move into the liquid layer of the tank. These emulsions can persist in the tank and cause overloading to downstream components.

To identify a system that may be overloaded with emulsified products, a profile of the tank should be obtained using a device that can provide a liquid observation/core of the tank. Septic tanks that are not working properly may lack a scum layer at the top or may not have a distinct, clear zone as the scum that would normally be at the top is mixed in.

Product usage should be discussed with the system owner and as many eliminated as possible. Degreasers, fabric softeners and commercial laundry soap are some of the most common day-to-day uses in some homes, but some of the other products listed should be evaluated for heavy use to see if they could impact the floatation process. **P**



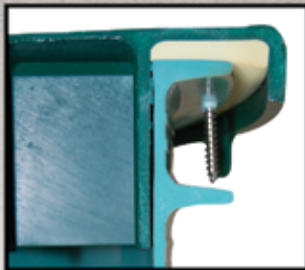
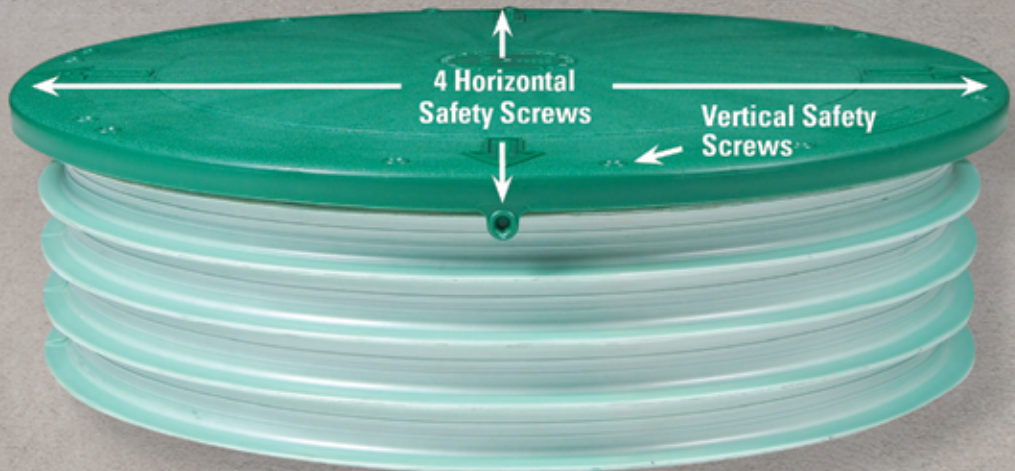
◀ ▶ In these images, core samples of a septic tank profile show no clear separation of the scum and sludge layers, which may indicate the presence of emulsifiers that hindered settling. (Sara Heger photos)

# 24" HEAVY DUTY MULTI-PURPOSE FLAT RISER LID

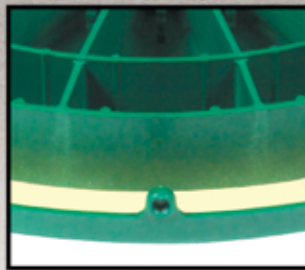
**Fits most commercially available:**

- Risers
- IPEX PVC Ribbed Pipe
- Corrugated Pipe

**LID MAY BE USED WITH OR WITHOUT CONCRETE CENTER**



Secured by 6 Vertical and 4 Horizontal Safety Screws. Screws Included.



Foamed-in Permanent Polyurethane Gasket.



Holds up to 70 lbs of Concrete for Added Safety.



Water-TITE™ Joint Vertical and Horizontal Safety Screws

## 4" Effluent Filter and 4" T-Baffle™

86 ft. of 1/16" filtration area.

Increases time between filter cleaning.



NSF  
 800 GPD  
 ANSISF  
 Standard 46

EF-4 Combo  
 Includes Filter,  
 Housing and  
 Bushing

4" Sch. 40 &  
 SDR-35

NSF  
 COMPONENT  
 ANSISF  
 Standard 46

TB-4 Housing  
 18/carton

SD-4  
 Gas/Solids Deflector

EF-4 Combo 18



NSF  
 COMPONENT  
 ANSISF  
 Standard 46

TB-4-18 Housing  
 12/carton

### 4" Effluent Filter EF-4

One-piece effluent filter fits in 4" Sanitary Tee.

- Injection molded PolyPro
- Simple to install - Easy to clean

### 4" Sanitary Inlet/Outlet T-Baffle™

- Injection molded T-Baffle
- Fits 4" Sch. 40 and SDR-35 pipe
- Simple to install

• May also be used as Inlet & Outlet Tee

## 6" Effluent Filter and 6" T-Baffle™

244 ft. of 1/16" filtration area.

Increases time between filter cleaning.



NSF  
 1500 GPD  
 ANSISF  
 Standard 46

EF-6 Combo  
 Includes Filter,  
 Housing and Bushing

4" Sch. 40 &  
 SDR-35

NSF  
 COMPONENT  
 ANSISF  
 Standard 46

TB-6 Housing

Gas/Solids  
 Deflector

### 6" Effluent Filter EF-6

One-piece effluent filter fits in 6" T-Baffle™.

- Injection molded PolyPro
- Simple to install
- Easy to clean

### 6" Sanitary T-Baffle™

- Injection molded
- Fits 4" Sch. 40 and SDR-35 pipe
- Simple to install
- May also be used as Outlet Tee with Solids Deflector



# Tips For Navigating the Current Equipment Financing Environment

If you're in the market for some new equipment, here is what you need to know about today's lending situation

By Joan Koehne

**H**ave you priced out new equipment lately? Talk about sticker shock.

Equipment prices jumped during the pandemic — sometimes 30% to 40% — and remain high. Interest rates climbed also. Loan rates previously at 5% increased to as much as 9.75% in 2023, says Jim Thomas, owner of Key Commercial Corporation, a St. Louis, Missouri-based commercial equipment finance and leasing organization that serves mom-and-pop businesses with five trucks or fewer.

When interest rates are high, borrowing money becomes more expensive, and businesses find it more difficult to obtain financing. Although the future of interest rates remains uncertain, the Federal Reserve forecasted three rate decreases in 2024. Kevin McGinn, senior vice president of Commercial Credit Group, says that successful organizations have learned to adapt to the higher cost of doing business in the past few years.

"Interest rates may come down, but I wouldn't count on it," he says. "I wouldn't plan your business model based on those forecasts, either."

Commercial Credit Group is a Charlotte, North Carolina-based organization providing commercial equipment financing for construction, manufacturing, transportation and waste companies.

"Equipment prices are sticky," McGinn continues. "They don't come down as fast as they go up. It's something that everyone has to deal with."

McGinn and Thomas recommend the following lending strategies for contractors considering the purchase of a truck or large equipment soon.

## Determine what you can afford

Because of the higher cost of borrowing money, McGinn encourages contractors to only buy the equipment they absolutely need. Likewise, Thomas encourages contractors to purchase equipment that's suited for the job.

"Buy equipment that's going to hold up, that will do the job and serve you for the four or five years you're going to finance it for," Thomas says. He advises contractors to think about cash flow when purchasing equipment.

"Let's say [a contractor] has a contract to pump 20 septic tanks for a mobile home park. He knows how much that's going to generate and he needs a truck. Now he knows what he can afford to spend, and that's what he's looking to purchase," Thomas says.

“ Let's say [a contractor] has a contract to pump 20 septic tanks for a mobile home park. He knows how much that's going to generate and he needs a truck. Now he knows what he can afford to spend, and that's what he's looking to purchase. ”

– Jim Thomas

## Negotiate loan terms

In recent years, McGinn says he has seen contractors lock in longer terms. Instead of a five-year term, they might finance a truck or other equipment purchase for six or seven years.

"That's one way to keep their monthly payments down," McGinn says.

But if a lender accepts longer terms, sometimes the lender requests more collateral in return.

Key Commercial Corporation offers 36-, 48- or 60-month financing. Thomas advises contractors to forecast how long the equipment will be in service when negotiating interest rates. For example, a truck with 30,000 engine hours, a gas engine, and high-maintenance moving parts might not last for 60 months, he says.

## Maintaining equipment

One way to avoid purchasing new trucks and equipment is to keep your current equipment operational by maintaining it well.

"A lot of companies buy equipment more often than they need to because they don't maintain their existing fleet. They just let it run down," McGinn says. "It's true that it does cost more to maintain equipment, but in the long run, it's a less expensive trade-off."

Investing in older, used equipment instead of new equipment also saves money. Thomas works with lenders who are quick to finance used equipment.



# Get your units *garden party ready*

with our  
limited-time  
**Spring  
Cleaning  
Bundle.**



**\$675  
VALUE  
NOW  
\$472.50!**  
+ freight

Chlorine Tablets | Commando Black Tank Cleaner | 5 gal Green Hornet Cleaner/Degreaser  
5 gal Banish Graffiti Remover | 5 gal Fab Lav Multi-Purpose Cleaner | 5 gal Urinal Cleaner

Deal available through May 31. Call 800-338-3155 for details.



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

**WALEX**

800.338.3155

“My best rates come from a bank in Indiana, and they have no fear of older trucks,” he says. “They’re interested in the kind of business, the kind of bank account the customer has, and his personal credit.”

## Personal and business finances

To improve the ability to secure a loan, McGinn advises clients to get their finances in order. Contractors with accurate financial statements have more leverage when negotiating the terms of a loan. Lenders typically ask borrowers to complete a credit application and provide several financial documents, including personal tax returns.

Because personal and business finances are so closely related, Thomas advises clients to attend to their personal financial obligations.

“The best advice I can give to someone starting a business is to take care of your personal credit,” he says.

## Be proactive

Good equipment, new or used, is harder to find than it was five years ago. “The supply chain, especially on chassis, is still an issue,” McGinn says. With equipment being scarce, if contractors wait too long to start working with a lender, the equipment may be gone by the time they secure financing.

“If it took me a week or so to get someone financed, the dealer probably sold it to someone else,” Thomas says. “I had that happen a lot in the last year or so.”

“The earlier you start on the financing side, the better,” McGinn adds.

## Study your profitability

To account for rising expenses, contractors may decide to raise their rates. Although consumers are familiar with today’s higher prices for goods and services, contractors still need to be careful about raising prices. They don’t want to lose customers or sales. McGinn advises contractors to be upfront with clients, phase in price increases gradually, and maintain quality of products and services. People will pay more for quality.

“As long as you’re providing the service, those price increases are a lot easier to pass along,” McGinn says. “If your service is just adequate, and you go to one of your customers and say you’re bumping up the price, it gives them more incentive to start looking elsewhere.”

Before bidding on a long-term project, contractors should carefully assess the current and future economy and the cost of doing business, he adds.

“You can’t rely on old models you may have used when forecasting your revenues and expenses,” McGinn says. “You have to adjust those percentages. What’s equipment debt going to cost? What’s fuel going to cost? All of those items need to be re-evaluated.”

## FINAL THOUGHT

High interest rates can put a strain on a contractor’s cash flow and affect the timing of adding or replacing trucks or large equipment to the fleet. But by following these business finance recommendations, contractors can still expand their fleet, replace equipment, and increase output while keeping cash flow high. **P**

## THE MOST LAYOUTS AVAILABLE FOR HANDICAP ACCESSIBLE TRAILERS





**BATHROOM • SHOWER • SPECIALTY TRAILERS**

See our website for floor plans and options.




GS-07F-0236V



info@cohsi.com • 630.906.8002 • www.cohsi.com

# Gordon Trucks

“Been there done that”

40 YEARS EXPERIENCE

New Slide-ins available  
 Used Septic and Portable Toilet Trucks available

Call 720-436-3910 for more information



**FAN COOLED ROTARY  
VANE VACUUM PUMPS**

Offering a great variety of sizes and configurations of high-performance, low oil consumption vacuum pumps designed to work with different applications in the fluid and liquid-waste transportation industries.

**AIR COOLED ROTARY  
VANE VACUUM PUMPS**

From light septic and portable washrooms to heavy-duty industrial applications, our pumps are built to keep working in the toughest applications in the fluid and liquid-waste transportation industries.

**LIQUID RING  
PUMPS**

The only safe option for pumping hydrocarbons and other flammable or hazardous materials due to the impeller operating in an intermediate fluid. These pumps also offer high airflow with very low noise levels.

**ELIMINATOR PACKAGES**

Pump mounts that offer the reliability and power of a Fruitland® pump, combined with ease and simplicity. Offering several design options for all our rotary vane pumps.



**SCAN THE QR CODE  
FOR MORE INFORMATION**





**Kate Zabriskie**  
Contributor

Kate Zabriskie is president of Business Training Works Inc., a Maryland-based talent development firm. Reach her at [www.businesstrainingworks.com](http://www.businesstrainingworks.com).

# Streamline Your Way to Customer Service Success

Simpler approaches to serving customers will improve their experience, encourage them to call again and again

By Kate Zabriskie

*“Who designed this convoluted process? A monkey could have done a better job.”*

*“Why do I have to come in and talk to someone? This whole transaction could be handled online. Frustrating!”*

*“I dread going there. The parking lot is impossible to navigate, you fill out what seems like 8,000 forms before you see anyone, and often the staff is confused by the complexity of the processes they follow. I’m glad I only have to go there once or twice a year.”*

**E**very day, countless service providers make choices that unnecessarily complicate service interactions. At best, those decisions make the customer experience less enjoyable. At worst, unneeded complexity opens the door to complaints, bad reviews and competitors.

## GOOD & SIMPLE

Organizations that know the value of simplicity strive to streamline processes and eliminate rocks on the service-experience road. Furthermore, those who understand the importance of effortless service know achieving it is an ongoing group effort. From the boardroom to the service window, everyone from top to bottom diligently works to eradicate needless steps, complexities or jargon that may confuse customers and obstruct them from reaching their goals.

### Examples of the Payoffs

**Streamlined processes:** Simplifying processes, procedures and workflows eliminates unnecessary complexities, making customer interactions more efficient and effortless.

**Clear communication:** Using straightforward language ensures product information, instructions and policies are easily understandable, creating a faster customer experience.

**Intuitive navigation:** Creating intuitive interfaces helps customers quickly find what they need without clicking on the wrong link, going to the incorrect location or calling the wrong number.

**Reduced cognitive load:** Organizing information and choices in a clear and logical manner helps customers make confident decisions, reducing the likelihood of buyer’s remorse, returns or calls to the help desk.

**Efficient problem resolution:** Providing simple and accessible channels for customer support enables quicker problem resolution.

➤ Organizations that treat service seriously see complaints as canaries in the coal mine, and they encourage service representatives to track concerns and bring them forward.

**User engagement:** Presenting information or products in a simplified way makes customers want to use a service provider.

## WE’RE DIFFERENT

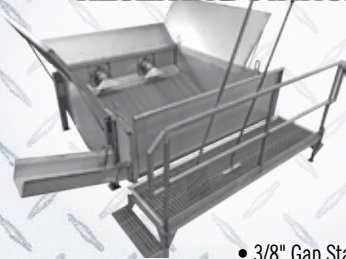
My business is complicated! We’re not running a hamburger stand or a retail store. Our product is highly technical. While not every interaction is basic, all service providers can make interactions easier. No matter who you are, there are opportunities to streamline design, usability, communication, accessibility and problem resolution.

**Obvious opportunities:** If you open your eyes, many problems are obvious. Here are a few of the usual suspects: complex payment process, inefficient customer relationship management systems, excessive use of industry jargon, multiple contact attempts.

**Other places to explore:** In addition to the easy-to-find improvement opportunities, most teams can find more if they start asking questions:

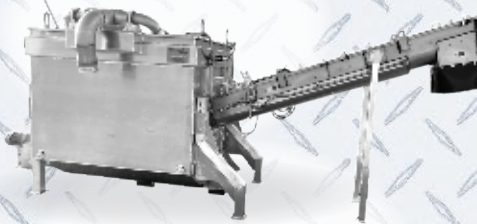
1. Is our product or service easy to understand?
2. Is our website or physical location easy to navigate?
3. Can customers easily find the information they need?
4. Are our pricing and billing practices transparent and easy to understand?
5. Can customers quickly contact us when they need to?
6. Is our customer service process straightforward and efficient?
7. Are we using plain language in our communications or relying too much on jargon?
8. Are our processes designed with the customer’s convenience in mind?
9. Are we offering simple, efficient solutions to customer problems?
10. Can customers easily purchase our products or services?
11. Do customers have to go through unnecessary steps or complexities to achieve their objectives?
12. What feedback are we getting from customers about the ease of their experience?

### MEGA SCREEN 600 & 800 RECEIVING STATIONS



- Largest Receiving Stations On The Market Mega 800 51 sq ft, Mega 600 40.5 sq ft
- Offload @ 800-1000 GPM Through Dual Fan Spreaders 4", 6" or 8" Inlet
- 3/8" Gap Stainless Steel Bars
- Use For Industrial Truck Clean-out
- Offload 2 Trucks at Once
- 7' Trash Chute Bolts on Either Side
- Uses Gravity to Separate Trash

### NEW TRASH MASTER 600 RECEIVING STATION



#### Simplest Auto Screen In The Industry

- Uses Gravity to Separate Trash From Flow Screen
- 6" Power Offload From Truck 800 GPM
- 3/8" Gap Stainless Steel Bars
- Dewateres Trash - VFD 5-30 RPM
- Heavy Duty 11 1/2" Shaftless Screw Moves Trash to Receptacle

Patent Pending

### MAXI SCREEN 400 PORTABLE SEPTIC RECEIVING STATIONS

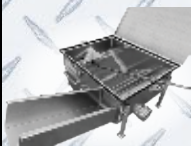


#### Aluminum & Stainless Construction

- 3/8" Gap Stainless Steel Bars
- Screens That Really Work
- No Moving Parts
- Gravity Offload @ 500 GPM
- NEW 4' Trash Extension Puts Trash Directly Into Dumpster

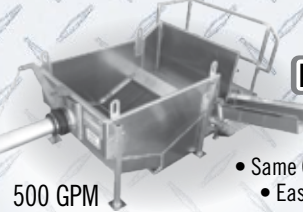
Patented Dual Screen Design

### NEW MICRO SCREEN 400 PORTABLE RECEIVING STATION



- Place Over Frac Tank or In Ground Storage Tank
- Bolts Securely to Manhole Ring
- 3/8" Gap Bars, 8 sq ft Screen Area
- Sealed Lockable Hinged Cover • Fast 4" Offload
- Lightweight • Portable • Small Footprint

OUR SYSTEMS MEET ECOLOGY 503s



### MINI SCREEN 400 PORTABLE RECEIVING STATION

500 GPM  
Patented Dual Screen Design

- Same Great Design, Ships Truck Freight
- Easily Fits in Pickup for Transport
- Small Footprint, Big Results



### TRIPOD LID & PUMP LIFTER

- Saves Back Injuries
- Auto Brake Winch
- Only Weighs 28 lbs
- Heavy-duty Aluminum Construction
- Available In 4-5-6 ft Models
- Lifts Stubborn Tapered Lids
- Folds to Fit on Hose Deck
- Max Load 600 lbs

### GRIT ELIMINATOR



- Removes Grit From Flow Stream
- Keeps Onsite Storage Grit Free
- Available in 18, 32, 64, 96 cu ft Grit Capacity



### SHAFT DRIVE PUMPS & AGITATORS

- Move Septic And Grease Interceptor Waste With Ease From Underground Storage Tanks
- Great For Transferring To Land Application Site
- Mix While Dewatering
- Handles Sand Grit and Slurry Type Materials
- Pit Depths Of 3-12 ft, #3333 Up To 500 GPM, #4444 Up To 1580 GPM

PAIZ DISTRIBUTOR

### TRUCK TOW BEHIND PORTASCREEN SPREADER



- Portable Event Screening
- Doubles as Screener Spreader & Mobile Septic Receiving Station
- Clean Up Your Land Application Site
- Never Hand Pick Trash Again

**The frontline is a gold mine:** Organizations that take simplicity seriously know the goldmine of information frontline service representatives can provide if they are encouraged to bring issues to management.

**Routine complaints:** For every customer who voices dissatisfaction, three or four others will say nothing. Organizations that treat service seriously see complaints as canaries in the coal mine, and they encourage service representatives to track concerns and bring them forward.

**Multiple contact attempts:** If customers need to contact your company multiple times for the same issue or related issues, there's a problem and an opportunity to simplify the resolution process. Frontline representatives are almost always the first to recognize boomerang interactions.

**Poorly defined policies:** Confused and confounded customers are the result of poorly defined policies. Representatives who must manage them

know when guidelines or rules are ill-defined.

**Lack of training and tools:** Frontline service providers are also acutely aware when they don't know the answer, can't get a system to cooperate or must implement a workaround.

### KEEP IT SIMPLE

Once you start looking, it's easy to become overwhelmed by the amount of work involved to make things easy. Take a breath, and then take another. Just as most processes don't become convoluted overnight, it takes time to go in the other direction.

Start with straightforward fixes to build momentum. Next, prioritize what is easier to implement and what will have the most impact on the customer experience. Then get to work. **P**

# Three Big Challenges: Forever Chemicals, Disposal, Recruiting Members

The head of the Wisconsin Liquid Waste Carriers maintains the wastewater industry will continue to provide a vital service to septic system users

Compiled by Betty Dageforde



In Snapshot, we talk to a member of a state, provincial or national trade association in the decentralized wastewater industry. **This time we visit a member of the Wisconsin Liquid Waste Carriers Association.**



**Name and title or job description:** Lance Petrasek, owner

**Business name and location:** Associates Septic Service, Elkhorn, Wisconsin

**Services we offer:** Septic system design, inspection and pumping; soil testing

**Age:** 51

**Years in the industry:** I started doing soil testing in 1998 and septic pumping in 2009

**Association involvement:** I've been a member of the Wisconsin Liquid Waste Carriers Association since 1998, and I'm the current president. I'm also a member of the Wisconsin Onsite Water Recycling Association.

**Benefits of belonging to the association:** Together our voice carries a lot more weight than individually. As a group, we have a say in how we are governed.

▲ Lance Petrasek

As an example, the members of the Wisconsin Liquid Waste Carriers Association were intimately involved in the latest code changes.

**Biggest issue facing your association right now:** We are concerned about the forever chemicals and how the U.S. Environmental Protection Agency will mandate their handling. Beyond that, disposal will always be an issue. More people and less land makes it harder to get rid of waste. Lastly, recruiting new members is a challenge. Until you become a part of the association, it is hard to understand the value it offers.

**Our crew includes:** We have eight employees — myself, one foreman/pumper, three pumpers, one soil tester and two part-time office personnel. And in the summers we hire a couple of seasonal helpers.

**Typical day on the job:** My day starts around 4 a.m. with paperwork. From there it could be anything — more paperwork, meeting customers, helping in the field, returning calls, doing inspections, designing septic systems or performing soil testing. My day typically ends after dinner, returning emails or calls and setting schedules for upcoming days.

**The job I'll never forget:** On Feb. 20, 2018, we had several inches of snow on the ground in southeast Wisconsin and the ground was frozen. Warm rains came in and dropped about five inches in a short period



▲ In a job Petrasek will never forget, he responded to a home being inundated by floodwaters. Water was ponding halfway up the windows of this room, but Petrasek told the customer no amount of pumping would help the situation. (Photos courtesy of Lance Petrasek)

# UDOR<sup>®</sup> USA

World Leader in Diaphragm and Plunger Pumps

## VX Series Plunger Pumps

VX / VX-MI SERIES ▼



Up to 52.6 GPM  
up to 5100 PSI  
35mm Solid Keyed Shaft - VX  
14T 12/24 DP Hollow Shaft,  
SAE J744 B Flange - VX-MI

VXX / VXX-MI SERIES ▼



Up to 63.2 GPM  
Up to 5100 PSI  
40mm Solid Keyed Shaft - VXX  
14T 12/24 DP Hollow Shaft,  
SAE J744 B Flange - VXX-MI



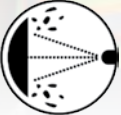
Drilling



Construction



Street Cleaning



Water Jetting



Mining

6180 140th Avenue NW  
Ramsey, MN 55303  
info@udorusa.com

Ph: 651-785-0666  
Fax: 800-732-2670  
www.udorusa.com - ▶





## Odor Problems



Septic odors stop with  
**SWEET AIR™**  
FILTERING DEVICE

— THE ORIGINAL —

— TUF-TITE, Inc. —

**800-382-7009** www.tuf-tite.com

# KeeVac Industries

Bring in the Season  
With a New Truck!  
Units in Stock now

Portable Restroom Trucks



Septic & Grease Trucks



Pickup & Delivery



Slide-In Units



**866-789-9440**  
**www.keevac.com**

of time. Our phones rang off the hook with flooded homes. One homeowner called with water leaking into his home. A large pond had formed next to his home because the water was trapped and the ground was frozen. I went with the pump truck to see if I could help. When I pulled up, I saw an enormous lake of water I knew I could not move. I went into the lowest level of the tri-level home and the outside water was halfway up the basement window. The homeowner was “keeping up” with two sump pumps and towels around the windows. I sadly explained there was nothing I could do unless the water accumulated inside and needed to be pumped out. He called the next day. They were able to keep up and eventually the water receded.

**My favorite piece of equipment:** The computer — I can’t think of anything else that improves efficiency more.

**Most challenging site I’ve worked on:** We do a lot of lake lots where the tank is way down the hill. Our trucks can’t lift the liquid so we carry pumps down to lift the waste up to the truck. This often takes three people and is very time-consuming.

**Oops, this didn’t work out as planned:** We pump the tanks at a fish processing plant. Normally we can land-apply the waste but one time we needed to take it to the treatment plant. After the plant tested the waste, the price to dispose quadrupled. This was an expensive lesson learned.

**The craziest question I’ve been asked by a customer:** On a septic inspection for a home sale, the customer said what most people always say — “The septic has been working great, never had any problems.” I pulled the cover off the tank and found an aftermarket aeration unit in the tank. The tank was riding high and liquid was coming out the top of the vent pipe on the drainfield. Of course, the owner was shocked when it didn’t pass.

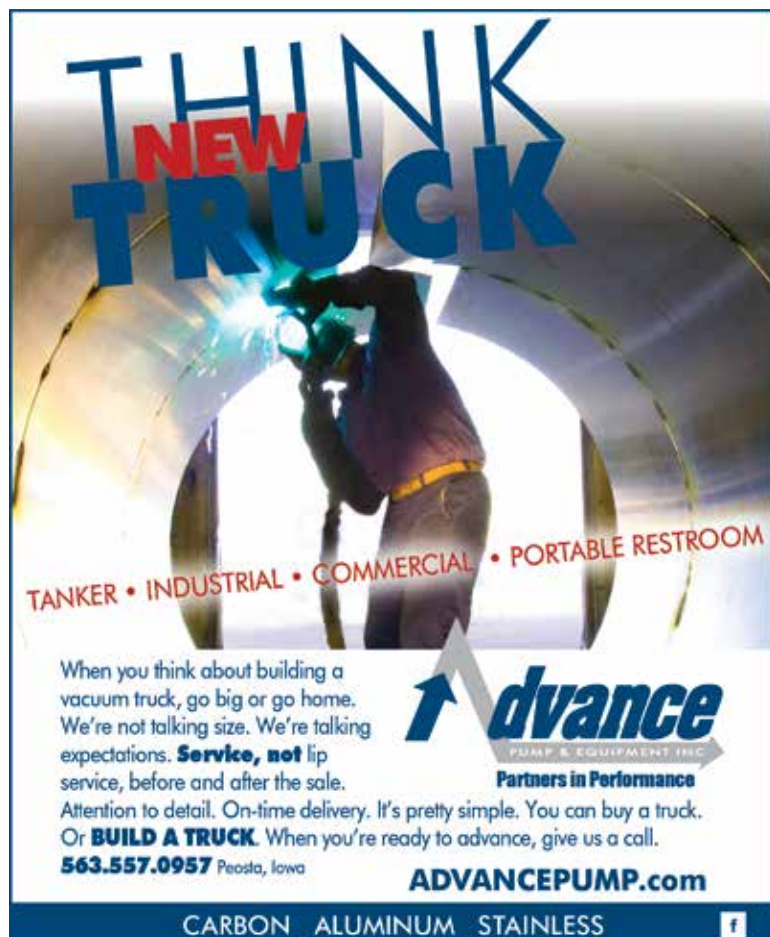
**Best piece of small business advice I’ve heard:** At the WWETT Show in 2010, I attended a class on profitability, and it made me realize that I needed to think differently about my pricing. The advice was not to worry about your competitors, and to charge what you need to charge to make a profit.

**If I wasn’t working in the wastewater industry, I would:** Be doing something related to hunting. I love to hunt. That’s what I’m going to do if I retire — go hunting and enjoy life.

**Crystal ball time – This is my outlook for the wastewater industry:** This industry is made up of the hardest working and nicest people I have ever been around and I think it’s headed in a great direction. **P**



**SIGN UP** for e-newsletters  
@ [pumper.com](http://pumper.com)



**THINK NEW TRUCK**

TANKER • INDUSTRIAL • COMMERCIAL • PORTABLE RESTROOM

When you think about building a vacuum truck, go big or go home. We’re not talking size. We’re talking expectations. **Service, not lip** service, before and after the sale. Attention to detail. On-time delivery. It’s pretty simple. You can buy a truck. Or **BUILD A TRUCK**. When you’re ready to advance, give us a call.  
**563.557.0957** Peosta, Iowa

**ADVANCE**  
PUMP & EQUIPMENT INC.  
Partners in Performance

**ADVANCEPUMP.com**

CARBON ALUMINUM STAINLESS



Transform Your Business with Summit Array Software™

**Summit**  
array software™

**Can your software do THIS?**

- ✓ Multiple sessions at the same time for maximum productivity
- ✓ Single-click route optimizing
- ✓ Route progress monitoring
- ✓ Route assignment according to nearby services
- ✓ Best available billing system for the industry
- ✓ 40+ years industry experience
- ✓ Affordable, expandable, mobile

Ritam Technologies, LLC  
USA/Canada 800-662-8471  
Int'l 925-478-2730  
info@ritam.com www.ritam.com

Scan for info and demos





# R. A. Ross N.E. Inc.



Industrial & Trucking Blowers – Vacuum Pumps – Sales, Service & Installation

We offer a full staff to accommodate your needs to include:  
Sales, Service, Repair, and Installation shop capable of servicing and repairing  
a wide variety of different make and model blowers and pumps from all your top manufactures.

**!!! CALL FOR YOUR FREE QUOTE !!!**



PTO'S  
VALVES  
GAUGES  
BLOWERS  
SILENCERS  
CAMLOCKS  
HYDRAULICS  
COMPRESSORS  
VACUUM PUMPS



**CUSTOM BLOWER PACKAGES**  
GAS, DIESEL, & ELECTRIC DRIVE



10280 Brecksville Rd., Brecksville, Oh 44131 – P (800) 678-4581 – F (440) 546-1188 – Web Site [www.rarossne.com](http://www.rarossne.com)



## 2024 is a GREAT time to SELL YOUR SANITATION BUSINESS

We work for you, the owner and our mission is getting you the maximum value for your business.



**DAMON POWELL**  
407-765-9440  
[damon@fmcadvisors.com](mailto:damon@fmcadvisors.com)

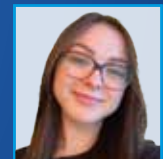


**ANDY PRIDGEON**  
(517) 449-1252  
[andy@fmcadvisors.com](mailto:andy@fmcadvisors.com)

- ✓ 170+ closed transactions
- ✓ 70 years combined industry experience
- ✓ Free consultations











**ED MEDVIC**  
727-486-0306  
[ed@fmcadvisors.com](mailto:ed@fmcadvisors.com)



**ALLYSON POWELL**  
[allyson@fmcadvisors.com](mailto:allyson@fmcadvisors.com)

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

# 2024 VACUUM TANK PUMPER DIRECTORY

		Aluminum Tanks	Hazardous/DOT Certified Tanks	Multi-compartment Tanks	Stainless Steel Tanks	Steel Tanks	Slide-In Units	Portable Restroom Service Trucks	Up to 3,000 Gallons	3,000 - 5,000 Gallons	5,000 Gallons and Over	Vacuum Trailers	Vacuum Tank Parts & Components	Used Vacuum Trucks
 <p>See ad on page 38</p>	<p><b>Advance Pump &amp; Equipment Inc.</b> 15418 Old Hwy Rd., Peosta, IA 52068 563-557-0957 • (f) 563-557-0961 www.advancepump.com • wayne@advancepump.com</p>	*		*	*	*	*	*	*	*	*	*	*	*
<p>See ad on page 53</p>	<p><b>American Tank Company, LLC</b> 111 Lely Dr., Troy, TX 76579 254-721-5675 www.atcvacuumtruck.com • americantankco.tcounts@gmail.com</p>	*		*		*	*	*		*			*	
	<p><b>Crescent Tank Mfg.</b> 2557 Cannan Rd., Bloomfield, NY 14469 585-657-4104 www.crescenttank.com • info@crescenttank.com</p>			*		*	*	*					*	
<p>See ad on page 15</p>	<p><b>Engine &amp; Accessory, Inc.</b> 12201 NW 30th Pl., Miami, FL 33167 800-327-5431 • 954-558-0816 • (f) 305-576-4617 www.EAMTankTrucks.com • info@rampstar.com</p>	*	*	*	*	*	*	*	*	*	*	*	*	*
 <p>See ad on page 43</p>	<p><b>FlowMark</b> 4001 East 149th St., Ste. B, Kansas City, MO 64147 833-653-8100 www.flowmark.com • sales@flowmark.com</p>	*			*	*	*	*	*	*			*	
	<p><b>FMI Truck Sales &amp; Service</b> 8305 NE MLK Jr. Blvd., Portland, OR 97211 800-927-8750 www.fmitrucks.com</p>	*	*				*	*	*				*	
 <p>See ad on page 33</p>	<p><b>Fruitland Manufacturing</b> 324 Leaside Ave., Stoney Creek, ON L8E 2N7 800-663-9003 • 905-662-6552 www.fruitlandmanufacturing.com • sales@fruitland-mfg.com</p>												*	
<p>See ad on page 32</p>	<p><b>Gordon Trucks</b> 1190 West Virginia Ave., Denver, CO 80223 720-436-3910 fabian.romero06@gmail.com</p>					*	*	*						*
 <p>See ad on page 17</p>	<p><b>Guzzler Manufacturing</b> 1621 S Illinois St., Streater, IL 61364 815-672-3171 www.guzzler.com • sales@guzzler.com</p>	*	*		*	*				*				*
<p>See ad on page 7</p>	<p><b>House of Imports, Inc.</b> 9815 NW 27th Ave., Miami, FL 33147 305-691-4778 • (f) 305-691-4779 www.vacuumtruckusa.com info@houseofimportsvacuumtrucks.com</p>	*	*	*	*	*	*	*	*	*	*	*	*	*
 <p>See ad on page 71</p>	<p><b>Imperial Industries, Inc.</b> 550 W Industrial Park Ave., Rothschild, WI 54474 800-558-2945 • 715-359-0200 www.imperialind.com • salesinfo@imperialind.com</p>	*	*	*	*	*	*	*	*	*	*	*	*	*
 <p>See ad on page 58</p>	<p><b>Integrity Tank Sales and Service</b> 4608 Lely Rd., Wilson, NC 27893 252-206-1641 www.integrity-tank.com • cdavis@integrity-tank.com</p>	*	*	*	*	*	*	*	*	*	*	*	*	*





# ROBINSON VACUUM TANKS

Call (814) 933-0927, visit [www.RobinsonTanks.com](http://www.RobinsonTanks.com), or email [sales@robinsontanks.com](mailto:sales@robinsontanks.com)

Like Us On Facebook



## VISIT OUR WEBSITE TO SEE ALL AVAILABLE INVENTORY



**PORTABLE RESTROOM TRUCKS**

● Tank Sizes from 980 - 2000 Gallons



**VACUUM TRUCKS**

● Tank Sizes from 1200 - 5500 Gallons



**SLIDE-IN TANKS**

● Tank Sizes from 300 - 1500 Gallons

*Aqua - Zyme*




**COME SEE FOR YOURSELF**



**POLYMER DOSING UNIT**



**DEBRIS FILTER**



**FILTER MEDIA  
30 YARD DEWATERING  
BOX**

Access our website for full process videos in English and Spanish.

▶ The ADS Dewatering System affordably dewater Septic and Grease trap waste.

▶ Pass paint filter test in 24 hours

▶ Equipment ready to ship today!

**VISIT A SITE TODAY**

**CONTACT US:**  
979.245.5656  
[zymme@aqua-zyme.com](mailto:zymme@aqua-zyme.com)  
[www.aqua-zyme.com](http://www.aqua-zyme.com)

**Financing Available**



**AMT**  
A Gorman-Rupp Company



*The Pump People™*

Please visit us at  
[www.amtpump.com](http://www.amtpump.com)

AMT Pump Company 400 Spring St Royerford, PA USA  
PH: 610-948-3800 email: [sales@amtpump.com](mailto:sales@amtpump.com)



**Washdown Duty Pump**

- 7/8 HP 12Volt DC Premium Washdown Duty Motor
- High Efficiency Closed Impeller
- Discharge Rotates 90° Increments

# 2024 Pumper VACUUM TANK DIRECTORY

		Aluminum Tanks	Hazardous/DOT Certified Tanks	Multi-compartment Tanks	Stainless Steel Tanks	Steel Tanks	Slide-In Units	Portable Restroom Service Trucks	Up to 3,000 Gallons	3,000 - 5,000 Gallons	5,000 Gallons and Over	Vacuum Trailers	Vacuum Tank Parts & Components	Used Vacuum Trucks
	<b>Isuzu Commercial Truck of America, Inc.</b> 1400 S Douglass Rd., Ste. 100, Anaheim, CA 92806 714-935-9300 www.isuzucv.com • brian.tabel@icta-us.com								*	*				
 See ad on page 49	<b>JUROP</b> PO Box 92153, Southlake, TX 76092 817-807-2297 www.jurop.it/en/home • tdevcsery@jurop.it												*	
 See ad on page 37	<b>KeeVac Industries</b> 6351 Beach St., Denver, CO 80221 866-789-9440 • 303-789-9440 www.keevac.com • info@keevac.com	*		*	*	*	*	*	*	*	*	*	*	
See ad on page 45	<b>Lane's Vacuum Tank, Inc.</b> 3133 Vanzora Rd., Benton, KY 42025 800-592-3308 • 270-832-3793 • (f) 270-527-3569 www.lanesmobilejohn.com • lane3801@bellsouth.net	*		*		*	*	*	*				*	*
See ad on page 49	<b>Marsh Industrial Services, Inc.</b> PO Box 1107, Kalkaska, MI 49646 800-952-1537 • 231-258-4870 • (f) 231-258-2019 www.marshind.com • sales@marshind.com	*	*	*	*	*	*	*	*	*	*	*	*	
 See ad on page 9	<b>National Truck Center</b> 3001 E 11 Ave., Hialeah, FL 33013 305-691-8407 • (f) 305-691-8416 www.nationaltruckcenter.com • info@nationaltruckcenter.com	*	*	*	*	*	*	*	*	*	*	*	*	*
See ad on page 3	<b>National Vacuum Equipment</b> 2707 Aero Park Dr., Traverse City, MI 49686 231-941-0215 www.natvac.com • sales@natvac.com												*	
 See ad on page 12	<b>Pik Rite, Inc.</b> 60 Pik Rite Ln., Lewisburg, PA 17837 800-326-9763 • 570-523-8174 • (f) 570-523-8175 www.pikrite.com • sales@pikrite.com	*		*	*	*	*	*	*	*	*	*	*	
 See ad on page 61	<b>PortaLogix</b> 6107 Loomis Rd., Farmington, NY 14425 585-484-7009 www.portalogix.com • sales@portalogix.com	*		*				*	*					*
 See ad on back cover	<b>Presvac Systems</b> 4131 Morris Dr., Burlington, ON L7L 5L5 800-387-7763 • 905-637-2353 • (f) 905-681-0411 www.presvac.com • sales@presvac.com	*	*	*	*	*	*	*	*	*	*	*	*	
	<b>Progress Tank</b> 539 S 10th., Kansas City, KS 66105 913-515-4318 www.progresstank.com • mohammed.elhadi@garsite.com	*	*	*	*		*	*	*	*	*	*	*	
 See ad on page 41	<b>Robinson Vacuum Tanks</b> 306 Runville Rd., Bellefonte, PA 16823 844-393-1871 • 814-933-0927 • (f) 844-857-0741 www.robinsontanks.com • info@robinsontanks.com	*		*		*	*	*	*	*	*	*	*	



**FLOWMARK**  
VACUUM TRUCKS

VISIT: [FLOWMARK.COM](http://FLOWMARK.COM)

**VACUUM TRUCKS**  
1,000 - 5,500 GALLONS



**RESTROOM TRUCKS**  
800 - 2,500 GALLONS

☎ 833.653.8100

✉ [sales@flowmark.com](mailto:sales@flowmark.com)

🌐 [www.flowmark.com](http://www.flowmark.com)

**MRP**  
MILWAUKEE RUBBER PRODUCTS

**HOSE &  
EQUIPMENT  
SPECIALISTS**









**Kanaflex**  
Hose Distributor

Kanaflex *FLEXAUST* PLASTIFLEX *tiexflex* *PRANIX* *Jurop* *EXXON* *E.T.N* *Parker* *BWT* *NVE*

Fast Shipping!

[www.MilwaukeeRubber.com](http://www.MilwaukeeRubber.com) 800-325-3730

# 2024 Pumper VACUUM TANK DIRECTORY

		Aluminum Tanks	Hazardous/DOT Certified Tanks	Multi-compartment Tanks	Stainless Steel Tanks	Steel Tanks	Slide-In Units	Portable Restroom Service Trucks	Up to 3,000 Gallons	3,000 - 5,000 Gallons	5,000 Gallons and Over	Vacuum Trailers	Vacuum Tank Parts & Components	Used Vacuum Trucks
 See ad on page 59	<b>Satellite Industries – Satellite Vacuum Trucks Division</b> 2530 Xenium Ln. N, Minneapolis, MN 55441-3695 800-883-1123 www.satelliteindustries.com • information@satelliteindustries.com	*	*	*	*	*	*	*	*	*	*	*	*	*
 See ad on page 59	<b>Slide In Queen</b> 6400 S Fiddlers Green Cir., Greenwood Village, CO 80111 833-475-4334 www.slideinqueen.com • info@slideinqueen.com	*	*	*	*	*	*	*	*	*	*	*	*	*
 See ad on page 28	<b>Tank World Corporation</b> 12001 W Peoria Ave., El Mirage, AZ 85335 623-536-1199 • (f) 623-935-4514 www.tankworldaz.com • service@tankworldaz.com	*	*	*	*	*	*	*	*	*	*	*	*	*
 See ad on page 51	<b>TankTec</b> 10100 Quinn St. NW, Minneapolis, MN 55443 888-428-6422 • 763-755-8075 • (f) 763-757-9788 www.tanktec.biz • info@tanktec.biz	*	*	*	*	*	*	*	*	*	*	*	*	*
See ad on page 51	<b>Transport Truck Sales/Transport Tank Sales</b> 6740 Kaw Dr., Kansas City, KS 66111 913-334-2400 www.transporttruck.com • scott@transporttruck.com	*	*	*	*	*	*	*	*	*	*	*	*	*
 See ad on page 5	<b>Transway Systems, Inc.</b> 314 Lake Ave. N, Hamilton, ON L8E 3A2 800-263-4508 • 905-578-1000 www.transwaysystems.com • sales@transwaysystems.com	*	*	*	*	*	*	*	*	*	*	*	*	*
 See ad on page 57	<b>Truck Country</b> 2401 Progress Way, Kaukauna, WI 54130-9559 800-236-5271 • 920-766-5222 www.truckcountry.com • tonymollner@truckcountry.com	*	*	*	*	*	*	*	*	*	*	*	*	*
See ad on page 47	<b>TSI Tank Services, Inc.</b> PO Box 8136, Cranston, RI 02920 866-720-4999 • 401-437-8942 www.tankservicesinc.com • jerry@tankservicesinc.com	*	*	*	*	*	*	*	*	*	*	*	*	*
 See ad on page 23	<b>Vac-Con, Inc.</b> 969 Hall Park Rd., Green Cove Springs, FL 32043 904-284-4200 www.vac-con.com • info@vac-con.com	*	*	*	*	*	*	*	*	*	*	*	*	*
 See ad on page 27	<b>Vector Manufacturing</b> 1621 S Illinois St., Streator, IL 61364 815-672-3171 www.vector.com • sales@vector.com	*	*	*	*	*	*	*	*	*	*	*	*	*
See ad on page 25	<b>Vacutrux Limited</b> 20 Martin Ln., Elmira, ON N3B 2A1 800-305-4305 • 519-669-1625 • (f) 519-669-8331 www.vacutrux.com • info@vacutrux.com	*	*	*	*	*	*	*	*	*	*	*	*	*
See ad on pages 16, 55	<b>Vacuum Sales, Inc.</b> 51 Stone Rd., Lindenwold, NJ 08021 800-547-7790 • 856-627-7790 • (f) 856-627-3044 www.vacuumsales.com • jredstreak@vacuumsalesinc.com	*	*	*	*	*	*	*	*	*	*	*	*	*

# LANE'S VACUUM TANK, INC.

**BUILT BY  
FOR PUMPER  
PUMPER**

## Aluminum Tanks

All sizes available

**Call for Price**



## Slide-Ins

All sizes available

**Call for Price**

**Dodge & International - In Stock  
Ford - Call for Pricing**



**2024 Dodge 5500**  
950 waste/300 fresh Aluminum Tank;  
Gas or Diesel; 4x2 or 4x4

2024 Ford 550 - V8 Gas In Stock

**Call for Price & Availability**

## Toilet Transport Trailers



**13" Tires • 25" High**

Spare Tire. Adjustable Hitch.  
3500 Pound Axles with Brakes.  
I Beam Fold Up On Rear  
for Handicap Units

Used trailers also for sale

- 6 Hauler
- 10 Hauler
- 12 Hauler
- 14 Hauler
- 16 Hauler
- 18 Hauler
- 20 Hauler

SLIDE-IN UNITS & USED TRUCKS AVAILABLE / MASPORT, JUROP & CONDÉ VACUUM PUMPS

All Brands and Sizes of Aluminum & Steel Tanks and Trucks are Available

800.592.3308 • 270.527.9945 RODNEY LANE'S CELL 270.832.3793 WWW.LANESMOBILEJOHN.COM

# Septic-Scrub™

**The First Choice for Pumpers to  
Restore and Maintain Drainfields**

Backed By Science ■ Proven with Experience ■ Many Satisfied Homeowners

Septic-Scrub™ is a superior product for the maintenance and restoration of septic system drainfields. Customers appreciate that it is environmentally safe, contains no organic chemicals and does not produce any toxic by-products. Most importantly, **Septic-Scrub works.** It breaks down sulfide buildup in the biomat and soil to allow for better water absorption.

Learn more about Septic-Scrub at [www.arcan.com](http://www.arcan.com).

**arcan**

P.O. Box 31057  
Clarksville, TN 37040

For information on increasing sales and providing a valuable service to your customers, call Arcan Enterprises at **888-35ARCAN (352-7226)**

# ABBOTT RUBBER COMPANY, INC. THE HOSE & FITTINGS EXPERTS



1311 MEACHAM RD., ITASCA, IL 60143  
(847) 952-1800 (800) 852-1855 FAX (847) 952-0156  
E-MAIL [sales@pumperhose.com](mailto:sales@pumperhose.com) WEBSITE [www.pumperhose.com](http://www.pumperhose.com)



# ➔ Dusty Underwood Plumbing and Septic

Bonham, Texas

**D**usty Underwood added a white 2022 International HX620 SBA built out by Imperial Industries with a 5,000-gallon aluminum tank and National Vacuum Equipment 4310 blower. The truck is powered by a 515 hp A26 engine tied to an Allison 4000 Series automatic transmission. The truck features aluminum toolboxes, chrome wheels, driver-side air-ride, three sight glasses, heated mirrors, ClearPath GPS and backup camera. It has a Crust Buster tank agitator mounted to the hose tray. Graphics were provided by Rushing Graffix. The truck is used for residential and commercial septic pumping. The driver is Chad Clement with helper Will Skinner. **P**

**DON'T DRIP DRY YOUR SLUDGE,  
DEWATER IT OVERNIGHT!**

Patent #9,828,274

- Dewaters Overnight
- Consistent Results
- Low Energy Use
- Self-Cleaning
- All Stainless Steel & PVC Construction
- Roll-Off Frame
- Works Great on Grease
- Very Forgiving
- Amazing Results

**SCAN THE QR CODE TO SEE THE VIDEO!**

➤Stationary Dewatering Drum ➤12" Unloading Auger  
See a Video at [ITRDewatering.com/video\\_auger.html](http://ITRDewatering.com/video_auger.html)  
or snap a picture with a smart phone

— Call to schedule an onsite visit. —

**If it will Floc,  
it will work.**

In the Round Dewatering  
[ITRDewatering.com](http://ITRDewatering.com)  
317-563-2072

## SHOW US YOUR CLASSY TRUCK!

**Got a truck with real WOW appeal?  
Show it off to Pumper readers!**

Send photos of your vacuum truck after it has been lettered with your company name. Please limit your submission to one truck only.

Your Classy Truck submission must include your name, company name, mailing address, phone number, and details about the truck, including tank size, cab/chassis information, pump information, the company that built the truck, and any other details you consider important. In particular, tell us what features of the truck help make your work life more efficient and more profitable. Email your materials to [editor@pumper.com](mailto:editor@pumper.com).

**We look forward to hearing from you!**



**Used T370 Kenworth GREASE TRUCK**

300 HP, Allison Auto, 33,000 (G.V.W.R.)  
1800 gallon stainless steel (ITI) tank,  
NVE 607 ProMax package, heat collars (heat through tank),  
heated cabinet for ProVac unit w/hydraulic lift,  
Hannay hose reel w/100' 2" hose in heated cabinet.



**2023 T880 Kenworth Decant** | (200/4000/1400) NVE 4310, CAT jetter package  
**CALL FOR PRICING**

### Pumps For Sale

NVE 866, 4307 and 4310 Slim Packages Available



**NVE**  
NEW ENGLAND  
DISTRIBUTOR



**2023 Kenworth T880**  
**CALL FOR PRICING**

20/20/46, Ultra-Shift, NVE 4310, CAT 660 jetter package, LED lights, LED strobes, 4-camera package, NAV system, alum. tank



**7000 - 9000 Gal. Aluminum Tri-Axle Trailers** | Air ride suspension (tri-axle), pump platform, bright finish, LED lights, Betts valves...



**2024 T880 Kenworth**  
2024 T880 Kenworth, 485HP, Ultra shift 20/20/46, NVE 4310 blower package, 4500 gallon tank



## We have the key to your business

**100% FINANCING.  
NO DOWN PAYMENT.**

**NEW AND USED EQUIPMENT**

- ❖ Programs offer longer terms for older equipment
- ❖ We do start ups
- ❖ Seasonal Payment Programs Available

.....  
Conserve your working capital. Keep existing credit lines intact, and enjoy the security of knowing financing is there when you need it.

We offer loan and leasing plans tailored to individual needs.

.....  
If you are having difficulty getting the Credit you need call Jim Thomas.



**JIM THOMAS**  
VETERAN USMC

**Toll-Free 877-333-4539**  
**JimThomas@KeyCommercial.com**

**KEY COMMERCIAL CORP.**  
Commercial Equipment Financing  
**www.keycommercial.com**

## tanktrack

*Pump more profits into your business with the simple septic business software*

- ✓ Simplify scheduling and route optimization
- ✓ Get paid faster and avoid double entries with integrated payment processing
- ✓ Manage property histories, service contracts, waste manifests, and land application
- ✓ Automate service due notices, appointment confirmations, and customer education
- ✓ Enjoy audit-ready reports; Live worry-free

Simple monthly pricing | No hidden fees  
Friendly and responsive US-based customer support



**Watch our free demo:**  
[tank-track.com/see](https://tank-track.com/see)

(603) 277-3206 | [info@tank-track.com](mailto:info@tank-track.com)

# Vacuum Trucks/ Truck Builder

By Craig Mandli

## HOSE AND FITTINGS



### Kuriyama of America Alfagomma T704HA Series THE BOOMER

Corrugated **Alfagomma T704HA Series**

**THE BOOMER** industrial sewer vacuum hose from **Kuriyama of America** is made with a 1/4-inch-thick red gum rubber tube designed for wet or dry applications where severe abrasion is a factor. The corrugated black conductive styrene-butadiene/natural rubber blend cover provides abrasion and ozone resistance. The hose can be grounded. All sizes are rated to full vacuum and a pounds-per-square-inch safety factor of 3-to-1 for 2- to 8-inch hose and 2.5-1 for 10-inch hose. The hose remains flexible in temperatures from 40 degrees below zero to 212 degrees F. It is available with soft-cuffed ends for easy installation and clamping. **847-755-0360; www.kuriyama.com**

## HOSE REELS

### COXREELS V-100 Series

The **COXREELS V-100 Series** product line has been expanded with the new 1 1/4-inch vacuum hose reel V-112-735 without hose and the V-112H-735 with hose. The new model has a smaller frame size featuring 12-inch-diameter discs instead of the original 17-inch-diameter discs and is designed for use with 35 feet of 1 1/4-inch vacuum hose. The outlet connecting to the hose remains 1 1/2 inches and the 1 1/4-inch hose comes equipped with 1 1/2-inch slip cuffs on both ends for maximum flow. The new swivel design still allows connection of multiple hose sizes by using the inside and the outside of the housing, but a greater gradual taper has increased the amount of compatible inlet hose cuffs. **800-269-7335; www.coxreels.com**



### Hannay Reels VAC Series

The **Hannay VAC Series** is a heavy-duty, single-wrap reel engineered to store large-diameter vacuum and suction hose up to 4 inches. With a narrow footprint, this storage reel can be mounted alongside the tank or between the cab and tank, providing access from either side of the vehicle. Available in either manual or power rewind, this reel provides effortless and fast unwind and rewind operation of the hose

while preventing kinks and damage from constant dragging. **877-467-3357; www.hannay.com**

## TRUCK-MOUNTED JETTERS

### Cam Spray RCJ Series

**RCJ Series** skid-mounted jettors from **Cam Spray** are offered in flows and pressures of 8 gpm at 3,500 psi and 7 gpm at 4,000 psi. A three-plunger industrial pump with pulse is powered by a 688 cc Honda engine. Its 200 feet of jetter hose can be used to supply an optional 200DS4 portable reel cart with 200 feet of 3/8-inch jet hose. It comes with a 35-gallon buffer water tank with float control, powder-coated heavy tube frame, washdown gun and a four-nozzle set. It easily mounts in the side door of a cargo van, on a truck bed or inside a service truck. **800-648-5011; www.camspray.com**



### MyTana ROM compact jettors

**MyTana** offers two compact **ROM**-built truck-mounted jettors suitable for house connections and light industrial work. Both models fit medium-duty commercial vehicles and deliver



15 gpm at 4,000 psi for work in lines up to 24 inches. The smaller Economic has a hydraulic hose reel that swivels 225 degrees and holds 300 feet of 1/2-inch hose. A second reel is for a water fill hose. The EcoFit features three reels. Two hydraulic hose reels swivel 270 degrees along with the control panel, each with a hose entry guide. The main reel has 300 feet of 1/2-inch hose but could hold up to 550 feet. The second reel can hold up to 300 feet of 1/2-inch hose. A third reel houses the water fill hose. Both models include a handheld remote control unit and pulse action. **800-328-8170; www.mytana.com**

## VACUUM PUMPS/BLOWERS

### Fruitland 870 Series

**Fruitland's 870 Series** pump allows vacuum levels of 28.5 inches Hg and continuous vacuum of 27 inches Hg. It is capable of 30 psi pressure for offloading. Oil consumption is 1 gallon for 18 hours of operation to reduce environmental impact. Locally sourced, nonproprietary oil may be used. The pump delivers 510 cfm (free air) through 4-inch porting. **905-662-6552; www.fruitlandmanufacturing.com**



### JUROP HELIX

**HELIX** blowers incorporate the third generation of **JUROP** helical tri-lobes with air injection porting designs and internal paths to decrease noise and heat. They eliminate the requirement to enclose the blower within a noise debating box. The frame rail-mounted **HELIX 300** system delivers a true 1,089 cfm and 15 psi at 1,400 rpm



input. The industrial-duty integrated gearbox eliminates everyday dilemmas with drive-coupling failures. The system includes electronic optical gearbox oil level sensors and an integrated thermostat providing safety for the system and team. **www.jurop.it**



# Marsh

Kalkaska, MI

**INDUSTRIAL**

p: 231.258.4870 • f: 231.258.2019 • sales@marshind.com

**800.952.1537 - WWW.MARSHIND.COM**

## INDUSTRIAL VACUUM UNITS

Thank You  
Miller Energy  
Co. for your  
continued  
business!



## PORTABLE TOILET RESTROOM SERVICE UNITS

Various Sizes  
Available



## VACUUM SEPTIC UNITS



Aluminum or  
Steel Tanks In  
A Variety  
of Capacities

## SLIDE-IN UNITS



Various Sizes Available

## MINI VAC TRAILERS



Industrial Units DOT Code & Non-Code

**Quality People Doing Quality Work**



Join us on Facebook See the progress of some of our units in the making.  
Check out our website for more information: [www.marshind.com](http://www.marshind.com)

# HELIX - RV SYSTEMS

## BLOWER AND VANE PUMP PACKAGES

# jurop



May 13-17, 2024  
Messe München  
Hall C4, Booth 315

**HELIX SYSTEMS**  
from 500 CFM up to 1.090 CFM

**RV SYSTEMS**  
from 360 CFM up to 520 CFM

[info@jurop.it](mailto:info@jurop.it) | 817.807.2297 | [www.jurop.it](http://www.jurop.it)



## National Vacuum Equipment Challenger 1600

The **Challenger 1600** from **National Vacuum Equipment** is a 1,600 cfm tri-lobe blower designed for continuous duty at maximum vacuum. Rotors are designed to improve vacuum efficiency and reduce mechanical noise. The blower has a ballast air-cooling design and typical maximum vacuum of 27 inches Hg. **800-253-5500; www.natvac.com**

## Presvac Systems PV750

The **Presvac Systems PV750** rotary vane pump is designed for continuous full-vacuum operation in extreme conditions. It offers 400 cfm at free air, 350 cfm at 15 inches Hg, a maximum vacuum of 27 inches Hg and maximum pressure of 35 psi. Dual fans and twin ballast ports are designed to efficiently cool the pump. The solid housing with deep cooling ribs allows greater heat transfer from the vacuum chamber. Aluminum fans and shrouding work like a heat exchanger. Multiple manifold and drive options are available for truck, trailer or stationary applications. **800-387-7763; www.presvac.com**



## Wallenstein Vacuum 753 Series

The **753 Series** vacuum pump from **Wallenstein Vacuum** is designed for longer service life, incorporating wide vanes that allow up to an inch of wear. It provides 422 cfm airflow at 1,200 rpm and vacuum levels up to 28 inches Hg. Options include air-, liquid- or dual-cooling systems where air injection is combined with liquid cooling. A pump-flushing port is included

on the top valve for convenient maintenance. The quick-access housing end plate allows for easy internal inspection with no bearings to pull. Oil lubrication is via a mechanical piston pump driven by shaft rotation or available with a sight-feed valve oil regulator system using vacuum/pressure to draw oil with no moving parts. **800-801-6663; www.wallenstein.com**

## Westmoor Conde PowerPaks

**Westmoor Conde PowerPaks** are pre-assembled gasoline or diesel-powered vacuum pump units. They are easy to install, according to the maker, and include a heavy-duty steel base with aluminum diamond plate trim and belt guard. Rigid assembly is designed to ensure minimum vibration and maximum power. They are available with either vacuum only or vacuum/pressure pumps. A range of cfm options ensure the PowerPak is matched to the tank size and application. Units are powered with optional Honda GX Commercial Series gasoline engines or Hatz industrial air-cooled diesel engines. Units can be easily transferred to another tank system when needed. **800-367-0972; www.westmoorltd.co**



## VACUUM TRUCKS/TANKS



## Guzzler CL

The **CL (Classic)** industrial vacuum loader from **Guzzler** is designed to recover, contain and carry solids, dry bulk powders, liquids, slurries and thick sludge from hard-to-reach areas. The truck offers upgraded operator ergonomics; improved air routing, filtration and maintenance; a longer body for improved material separation; an enlarged baghouse; and

cyclone cleanout access doors for easier access. Its modular design allows for a wide selection of off-loading configurations, including a rear door-mounted sludge pump for unloading sludges from the debris body, an XCR system with a swing-out cyclone that allows material discharge into collection vessels while vacuuming, and a high-rail system (available in three configurations) with a loading boom, hydraulic creep drive and rear-mounted operator chair. Options include a telescoping boom, vane pressure offload system (high pressure, low airflow) for liquids and slurries, and a full-opening rear door for improved dumping. **800-627-3171; www.guzzler.com**

## Imperial Industries' Freightliner 108SD

**Imperial Industries' Freightliner 108SD** includes a fully remote-controlled vacuum system. It comes with a 4,200-gallon painted aluminum tank with a



National Vacuum Equipment Challenger 4310 blower (940 cfm). Functionality includes full control of the tank's PTO and pneumatic valves, providing the ability to switch between vacuum, neutral and pressure modes without leaving a septic tank access point. The bottom third of the tank is double-plated, and the tank is painted black with a diamond plate chip guard, full-flanged and dished heads for baffles, a hot shift PTO, one 4-inch vacuum inlet with lever valve, one 6-inch discharge with piston valve with a handle, three 5-inch sight glasses on the rear tank head, full-length aluminum hose trays, a See-Level indicator, a 24-by-24-by-24-inch aluminum toolbox, U.S. Department of Transportation LED light package, two rear LED work lights and an adjustable stainless steel rear bumper. **800-558-2945; www.imperialind.com**

## KeeVac Industries KV999

The **KV999** from **KeeVac Industries** carries a 999-gallon vacuum tank for operators who want to stay under the U.S. Department of Transportation tanker endorsement requirement. It is available in steel, stainless steel and aluminum, with



single- or dual-side service, holds 699 gallons of waste and 300 gallons of freshwater, and includes a two-unit fold-down restroom carrier with trailer hitch. The tank can be mounted on a variety of chassis and with a variety of pumps. Each unit comes with an upgraded DC-10 washdown pump and hose reel from Hannay Reels. Exterior controls and dual cabinets are designed for operator safety and convenience. An arctic package and safety lighting are available. **866-789-9440; www.keevac.com**



# TRANSPORT TRUCK SALES AND TRANSPORT TANK SALES

Ask for Scott – 888-395-7551  
After hours call Scott at 816-590-4076  
Delivery Available Anywhere  
in the Lower 48!!

www.TransportTruck.com



**2023 Peterbilt 337**, PX 9 300 HP,  
Allison Auto, 33# GVW, only 27K miles!  
**NEW** 2500 gallon alum. Vac tank,  
**NEW** Masport Viper plug and play  
**Call For Pricing!**  
**FACTORY WARRANTY REMAINING ON TRUCK**



**2017 Peterbilt 579**, Paccar 435 HP, 10 spd,  
double framed, **NEW** 3360 gallon steel vac tank,  
**NEW** Masport Hydra plug and play 410 CFM  
**Call For Pricing!**  
**1-YEAR NATIONWIDE DRIVE TRAIN  
AND EMISSIONS WARRANTY**



**2015 KENWORTH T370**, Paccar 260 HP, Allison Auto, 33  
# GVW, **NEW** 2500 gallon steel vac tank,  
**NEW** Masport Viper plug and play  
**Call For Pricing!**  
**1-YEAR NATIONWIDE DRIVE TRAIN  
AND EMISSIONS WARRANTY**



**2019 Kenworth T270**, PX9 300 HP, Allison auto,  
NON CDL, **NEW** 1800 gallon steel vac tank, alum. trays,  
**NEW** Masport Viper plug and play  
**Call For Pricing!**  
**1-YEAR NATIONWIDE DRIVE TRAIN  
AND EMISSIONS WARRANTY**



**(2) 2011 Peterbilt 386**, Paccar 485 HP, 10 spd, jake,  
**NEW** 3360 gallon steel vac tank, **NEW** Masport Hydra plug and play  
**Call For Pricing!**  
**1-YEAR NATIONWIDE DRIVE TRAIN  
AND EMISSIONS WARRANTY**



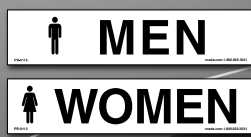
**2019 PETE 337**, Paccar 300 HP, Allison Auto, 26# GVW NON  
CDL, **NEW** 2000 gallon Alum. vac tank,  
**NEW** Masport Viper plug and play  
**Call For Pricing!**  
**1-YEAR NATIONWIDE DRIVE TRAIN  
AND EMISSIONS WARRANTY**

## PROVIDING THE PORTABLE TOILET INDUSTRY WITH CUSTOM & STOCK DECALS

CELEBRATING 70 YEARS OF SERVICE!



- Top Quality Decals
- Fast Turn Arounds
- Affordable Prices
- Die-Cut Shapes
- Service Records
- QR Codes
- Custom & Stock Decals That Will Stick!



**ROEDA**  
www.roeda.com | info@roeda.com

CALL A SPECIALIST TODAY  
**708.333.3021**

# TankTec

Tank Technologies & Supply Co, LLC

1.888.428.6422  
763.238.8603  
snelson@tanktec.biz  
www.tanktec.biz

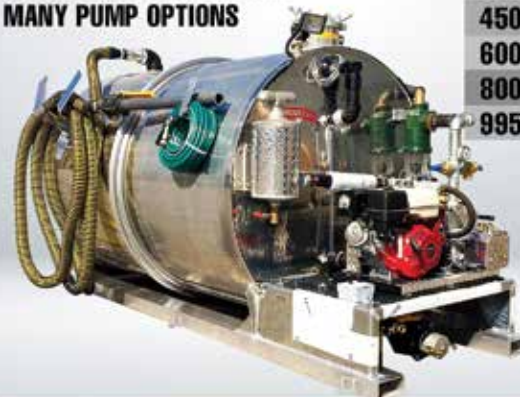
## SLIDE-IN PORTABLE RESTROOM SERVICE TANKS

### 6 STANDARD SIZES

- MASPORT & CONDE PUMPS
- MANY PUMP OPTIONS

GALLONS: TOTAL WASTE FRESH

GALLONS:	TOTAL	WASTE	FRESH
300	200	100	
450	300	150	
600	400	200	
800	540	260	
995	670	325	



## SLIDE-IN SEPTIC & GREASE VACUUM TANKS

GALLONS: 300 • 450 • 600 • 800 • 995

# TankTec

FACTORY BUILT-TO-ORDER  
FINANCING & LEASE OPTIONS



**Pik Rite steel 3,600-gallon vacuum tank**

The **Pik Rite** steel 3,600-gallon vacuum tank is designed for strength and reliability. Its 3-inch internal plumbing keeps the exterior clean and simple. The vacuum pump mount is attached to both

frame rails and easily supports pumps from any major manufacturer. It has four sight eyes for the waste compartment. The tank interior is equipped with walk-through baffles and a 20-inch rear manway for easy clean-out. The LED running light kit is installed with a fully molded wiring harness. Operator work lights and a strobe light are mounted on the top rear lighting bracket. Polished aluminum hose trays and low hose hooks are coated with protective liner. **800-326-9763; www.pikrite.com**

**Robinson Vacuum Tanks VAC2500**

The aluminum **VAC2500** from **Robinson Vacuum Tanks** can ride on a single-rear-axle vehicle. Features include a 20-inch top manway with passenger side ladder, 20-inch rear manway with 4-inch TTMA flange and 4-inch brass lever valve for discharge, and a heavy-duty steel bumper with aluminum diamond plate cover. **814-933-0927; www.robinsontanks.com**



**Satellite Vacuum Trucks MAL 4000**

The **Satellite Vacuum Trucks MAL 4000** maximizes payload capacity with lightweight aluminum tanks, minimizing the

overall truck length and weight, eliminating the need for additions like a lift or tag axle. It can be used to pump up to five average-sized septic tanks before needing to dump. The open frame design provides extra space for storage cabinets or an optional washdown jetter system. Hose hooks at the rear of the tank allow the operator to efficiently store and access hoses. Intake and evac ports are also located at the rear of the truck to make pumping and waste disposal easy. A variety of pumps allows flexibility to customize the truck. **800-883-1123; www.satelliteindustries.com**



**Slide In Queen 999-Gallon Tank**

**Slide In Queen 999-gallon Tanks** are constructed from marine-grade aluminum, stainless steel, or steel. These tanks are mounted onto a variety of chassis. They are small enough to eliminate the need for a CDL license and tanker endorsement. They can be driven with either PTO or a pump/motor package. A variety of vacuum and water pumps are available. Slide-in units are offered in standard sizes from 300 to 1,500 gallons. **833-475-4334; www.slideinqueen.com**



**Transway Systems stainless steel body septic/toilet truck**

Cold winters can cause many problems when it comes to portable restrooms, from protecting the restroom itself from freezing damage, to the wear and tear of the vehicle

transporting and cleaning the restrooms. **Transway Systems** offers an entirely stainless steel body septic toilet truck, equipped with multiple heated water compartments, a lightweight aluminum folding restroom rack and space to carry tools and equipment. The use of stainless steel in piping, heated valves, fittings, tank shell, tank heads and hose trays ensures longer life span while resisting corrosion caused by brine solutions. Segmented heated water compartments provide ample freshwater for cleaning units as well as corrosive brine. **800-263-4508; www.transwaysystems.com**

**VALVE**

**Samson Pumps Generation 2.0 Cast Iron Valve**

**Generation 2.0 Cast Iron Valves** from four-way valves from **Samson Pumps** are designed for vacuum truck applications.



They are forged from cast iron and internally coated with chemical nickel, ensuring durability, resistance to corrosion and longevity. The internal design secures smooth operation. They fit seamlessly with 3-, 4- and 5-inch internal vacuum piping systems. They come with an actuator for pneumatic controls, a handlebar for hydraulic operation or a handle for manual operation. They have a maintenance-free design and lifetime lubricated bearings. Designed with dual flow positions and enhanced with a neutral position, the valves allow for precise control. **www.samson-pumps.com**

**WASHDOWN PUMPS**



**Dynablast MPU1.31000E12VDC**

The **MPU1.31000E12VDC** washdown water pump system from **Dynablast** is suitable for cleaning portable restrooms with a vac truck. The pump package includes an Interpump 9071 1 hp, 12-volt motor with an output of 1.3 gpm at 900 psi. **905-867-4642; www.dynablast.ca**

**Moro USA DC Washdown Pumps**

**Moro USA DC Washdown Pumps** have a maximum delivery rate of 20 gpm, 42 psi and are primarily utilized for filling sinks and cleaning portable restrooms. The centrifugal pumps are designed with corrosion-resistant materials for operating in wet conditions and can be used in other applications such as industrial, marine and water circulation. They have an epoxy-coated 12-volt DC motor, stainless steel impeller, four front drain plugs and a carbon/ceramic/Viton mechanical seal. They require installation of an in-line circuit breaker and a 12-volt solenoid. Models include the DCC cast iron washdown pump with stainless impeller, DCSC cast iron washdown pump with stainless steel impeller kit, DCS stainless steel washdown pump and the DCSS stainless steel washdown pump kit. **866-383-6304; www.morousa.com**





# VACUUM TECHNOLOGY



## Pro-Vac Industrial Pumpout System Ideal for Indoor/Remote Jobs

For: grease trap service pumping, machine coolant pumping-cleaning, remote portable toilet pumping, marina vacuum pump out service, or any pumping and transfer of liquid waste



Made in USA  
Since 1939



**Pumps - 35 Thru 230 CFM**  
Vacuum (only) & Vacuum/Pressure



**PowerPaks - Gas & Diesel Powered**  
Belt Drive & Direct Drive

Westmoor Ltd., Sherrill, NY • westmoorltd.com • orders@westmoorltd.com • 1-800-367-0972

## PRODUCT FOCUS

### WATER PUMP



### Cat Pumps Model 7CP6165CSG1

The **Cat Pumps Model 7CP6165CSG1** is suitable for demanding sewer jetting applications. With a performance rating of 8 gpm at 3,500 psi, the combination of high performance, compact footprint and longevity helps jetters cut through challenging jobs. It converts to a jetting pump by adding a pulsator assembly, which eliminates the danger of deadheading the pump, prolonging the life of the seals and reducing unplanned downtime. A convenient handle allows for a quick changeover from cleaning to jetting modes. It uses an industrial-duty gearbox that attaches directly to 1- or 1 1/8-inch 3,265 rpm gas engines. Its gearbox allows for a smaller footprint and features hardened steel helical gears for smooth, quiet operation. The sealed housing provides independent gear lubrication, resulting in thousands of trouble-free hours.

763-780-5440; [www.catpumps.com](http://www.catpumps.com) **P**

# Pumper

Check out more manufacturers and dealers at:

[pumper.com](http://pumper.com)



PORTABLE RESTROOM TRUCKS  
SLIDE IN UNITS  
SEPTIC TRUCKS

*Backed By a History of Reliable Service, Innovation & Care*

**TRUCKS  
BUILT  
FOR  
DEMANDING  
JOBS  
JUST  
LIKE  
YOURS**



Look to us for the toughest septic trucks, portable restroom trucks, hydrovac units and slide-in units. Crafting any truck to your needs.

- Specialized & Customized Septic Trucks
- Portable Restroom Trucks Built for Your Specific Needs
- Slide In Units: Affordable Back-up or Starter Tanks That Are Tough & Compact

CONTACT TIM COUNTS 254-721-5675 or BRUCE CURRY 254-760-1514  
— [www.atcvacuumtruck.com](http://www.atcvacuumtruck.com) —



**BAM! Bad Ass Mats safety mats**

Avoid costly damage to your job sites with BAM! Bad Ass Mats. The mats are made from four-season, durable high-vis green HMWPE material with a built-

in UV protector to guard against fading and cracking. Three-eighths inches thick and rated at 160,000 pounds with pressure ratings of 373 pounds per square inch, and 53,700 pounds per square foot, they have a temperature rating of minus 103 degrees F to 258 degrees F. The 4-by-8-foot sheets weigh 56 pounds and come with eight large hand holes for easy handling, even with gloves. A dual-sided tread pattern provides safe traction for both equipment and pedestrians. Mats don't absorb moisture and chemicals and can be simply hosed off. **262-877-4700; www.bamgroundpro.com**



*in the*  
**SPOTLIGHT**  
By Craig Mandli

**SMOKE BLOWER ADDS VERSATILITY WITH BATTERY OPTION**

Smoke-testing can be a quick and effective way to find faults that lead to odors, leaks and inflow during pumping or inspection of septic tanks. Superior Signal Company's 5E FLEX Smoke Blower takes everything offered with the company's original 5E plug-in unit, and adds the portability of battery power.

The 5E FLEX is compatible with leading 18-20-volt tool batteries most pumpers already have in the toolbox. Utilizing a high-quality power adapter, the 5E FLEX integrates seamlessly into an existing electric tool set. In addition, it can also pair with a 12-24-volt DC power source, such as a car or truck battery, using the DC Clips power adaptor. It comes with the smoke blower unit, hose, and the selected power adapter compatible with a prepurchased battery. According to Helen Kovacs, director of marketing for Superior Signal, while the 5E is popular for a variety of plumbing applications, they have recently seen increased interest from septic system pumpers and installers.

"One customer purchased it after a recent trade show to demonstrate to homeowners where faults or leaks occur in the septic distribution system and tank," she says. "While the 5E has always been available with 120-volt power, the recent proliferation of battery-operated tools made us realize that compatibility to that popular and convenient ecosystem was key for our customers who are working in the field and not always near a convenient power source."

The 5E easily connects to any clean-out, port or vent to smoke test the entire system in a few minutes. It gently pushes smoke throughout a system to find cracks or leaks and quickly identify problems. It comes with 8 feet of industrial-grade hose, and when used with Superior Smoke Candles, it identifies hard-to-find odors, leaks and other faults in commercial, residential and municipal facilities. Kovacs says the industry reaction to the added portability of the FLEX unit has been positive.

"Customers have noted how much easier and more affordable it is to smoke test with the lightweight 5E FLEX compared to heavy and expensive alternatives," she says. "The adaptable battery power has taken that convenience to the next level, and customers are thrilled with the ease of use and portability." **732-251-0800; www.superiorsignal.com P**

**Like Something?  
Hate Something?  
Agree? Disagree?**

To share your opinions about Pumper articles just send an e-mail to our editor at: [editor@pumper.com](mailto:editor@pumper.com)

**Roth MULTITANK** Septic Tanks • Water Cisterns  
Pump Tanks • Holding Tanks  
Rain Water Harvesting

Multi Usage      Multi Layer      Multi Coverage

- Inner layer of FDA approved virgin HDPE, two inside layers of PE for improved stability, plus one outer layer of black and UV-stabilized PE
- Lifetime\* corrosion protection and 5 years of labor insurance
- Strongest & heaviest poly tank on the market
- No water for backfilling required
- Low profile
- 100% watertight

Our multi-layered tank construction, consisting of virgin material surrounded by 3 layers of protection.

**BEST TANK. BEST WARRANTY. BEST SYSTEM.**

Roth Global Plastics  
[www.roth-america.com](http://www.roth-america.com) 866-943-7256

\*see warranty for details

T&T TOOLS

# T&T Tools, Inc.

Fax: 800-521-3260

Email: [sales@mightyprobe.com](mailto:sales@mightyprobe.com)

## 800-521-6893

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

MADE IN THE USA | 30 YEARS OF EXPERIENCE | FAMILY BUSINESS

Call for a **FREE** Catalog



Call for a **FREE** Catalog

### HOOKS...

- » Several different styles of heat-treated hooks are available
- » Top Poppers are great to open manhole covers
- » The Handy Hooks allow two handed use

### PROBES...

- » Insulated, standard, and specialty soil probes
- » Metal shaft sizes: 3/8" round, 3/8" hex or 7/16" hex
- » Replaceable tips are threaded on and hardened
- » A "slide" allows the handle to pound the shaft into the ground

# VS Vacuum Sales

888-VAC-UNIT | 888-822-8648 | Fax: 856-627-3044

E-mail: [sales@vacuumsalesinc.com](mailto:sales@vacuumsalesinc.com) | [parts@vacuumsalesinc.com](mailto:parts@vacuumsalesinc.com) | [www.VacuumSalesInc.com](http://www.VacuumSalesInc.com)

## Trucks for all applications.



Truck mounted combination vacuum & jetter units



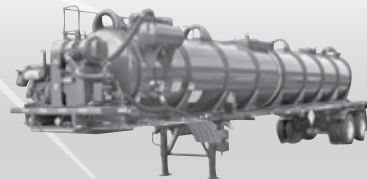
Truck mounted D.O.T. certified and non D.O.T. wet/dry industrial loaders



Truck mounted, vacuum type, street sweepers



Truck mounted D.O.T. certified, vacuum tanks



D.O.T. certified & non D.O.T vacuum tank trailers



Truck mounted, septic & grease, vacuum tanks



Truck mounted portable toilet services units

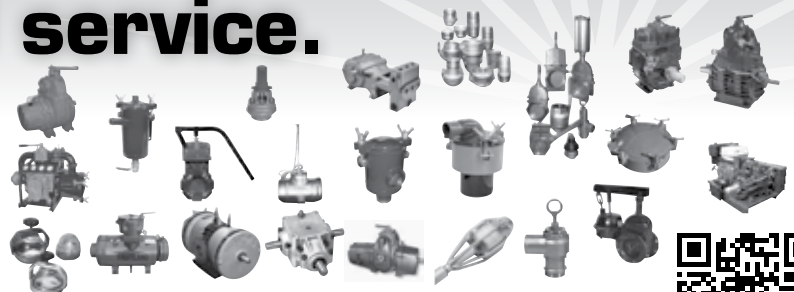
## In-house parts and service.

Service

- D.O.T. Cargo tank testing, inspections, and reminders
- Pump packages installed
- P.T.O.s and hydraulic systems
- Tank repairs and overhaul
- Repairs and services to all types of equipment designs
- Fabrication and alterations
- Preventative maintenance
- Tank swing overs, chassis alterations
- Vacuum pumps, blowers, and water jetters rebuilt
- Pick-up and delivery available

Parts

- Vacuum Pumps (All major brands available)
- Pump rebuild kits
- Pump mounts and drives
- Filter bags and final filters
- Valves: Brass, Steel, Stainless
- Tank components & accessories
- Hose and hose fittings
- Jetting nozzles & accessories
- Same day shipping or local pick-up
- Online catalog



PRESVAC FRUITLAND

rapid

Masport

VACALL

DISCOUNT

VISA

MasterCard

AmEx

UPS

FedEx





# Montana Treatment Plant Is Overcome by Septage Waste; Cuts Off Some Pumpers

By Betty Dageforde

**P**umpers in Ravalli County, Montana, have long relied on the wastewater treatment plant in nearby Missoula to dump their septage as there are no in-county facilities that can handle it. But in 2022, the Missoula treatment plant reduced the amount of septage it would take from Ravalli County.

Ravalli County officials are now trying to address the problems this has caused, reported the *Ravalli Republic*. Some pumpers now have weeks-long backlogs of septage, and one pumper says he drives 300 miles to dump in Helena.

Septage taken to the Missoula treatment plant by Ravalli County pumpers rose from 410,000 gallons to 1,450,000 over a four-year period, placing a strain on the facility. "With the limits, we're once again at a comfortable limit," said lab and pretreatment manager Nate Gordon. "It's a city facility paid for by the taxpayers of the city of Missoula."

The county formed a wastewater working group. The group of pumpers, wastewater treatment specialists, county and health officials have discussed options such as developing their own treatment plant or using county-owned land for land application. The group plans to issue recommendations to the county.

## Colorado

Lake County had a moratorium on new short-term rental licenses since September 2022 to assess the positive and negative impacts of such rentals and allowing time to create recommendations for the Board of County Commissioners to consider. The moratorium expired earlier this year.

The main environmental concern over these short-term rentals, expressed by Lake County Community Planning and Development and Economic and Planning Systems, is overuse of septic tanks, according to a report in the local *Herald Democrat*.

Recommendations include not allowing STR licenses for properties with seepage pits, setting occupancy limits based on a septic system report to avoid system failures, and requiring owners to show proof of inspection every three years.

## Massachusetts

To address ongoing water quality issues on Cape Cod, Barnstable County commissioners are promoting a program to help homeowners qualify for loans to create and upgrade septic systems. The program is called Aquifund, which is a rebranding of a program the county has had for years, provided by the Barnstable County Department of Health and Environment, says Mark Forest, coun-

ty commission board member.

"The Department of Environmental Protection has come out with new regulations, and in some cases homeowners are going to have to upgrade their septic systems or eventually tie in to a sewer connection to a sewer line that will be coming by their homes," Forest said in a report in [capecod.com](http://capecod.com).

By rebranding to the Aquifund, the program will be able to provide more than just upgrades to septic systems, but also help homeowners with connections to sewer lines, Forest explained.

## Ohio

Many homeowners in Lorain County were upset recently to receive a bill from the Lorain County Public Health Department for their septic systems, reported [News5Cleveland](http://News5Cleveland.com). Ryan Tristano, an environmental health supervisor for the department, said residents now need a permit for their system. The cost is \$120 for three years, with an annual fee of \$40 thereafter. Systems installed in 2015 or later have been automatically enrolled in the program.

Although the invoice caught some homeowners off guard, the permit fees were approved by the Lorain County Board of Health after three public readings in 2023 and the city has been trying to get the word out since then, Tristano said.

In 2015, Ohio law changed to require all county health departments to run an O&M program for home septic systems. There are an estimated 20,000 septic systems in the county, half of which were installed before 1970.

## Oregon

The Eugene Water and Electric Board has more than \$1 million in the septic system repair grants program from federal funding. To distribute the money by the September 2024 deadline, they are broadening the eligibility requirements, reported [KMTR-TV](http://KMTR-TV).

Previously, the grants were eligible only for properties that sustained damage in the Holiday Farm Fire, but now include all properties in the Holiday Farm Fire region and the McKenzie Watershed above Hayden Bridge.

To qualify, repairs must be made by the property owner or a licensed and certified installer and inspected by Lane County.

Everyone is being encouraged to apply, said Misty Fisher, EWEB's customer programs coordinator. "Once you apply, we can match your request to the funds we have available. If we can't match you with these grants, we can recommend other sources of funding and still help you along."



# Get FIT in the right pumper truck!



2024/2025 Freightliner M2, 4,000/4,200-Gallon Aluminum, Cummins L9, Allison 3000RDS Trans., NVE 4307 or 4310 Blowers Available.

**TRUCK COUNTRY** Call 608-438-4816



Proud to partner with:



TRUCK SALES • EXPERT SERVICE • PARTS • FINANCING



# PRESSURE LIFT

PressureLift.com  
972-355-0550 | 866-504-6596

## WITH THE POWER OF A JET ENGINE

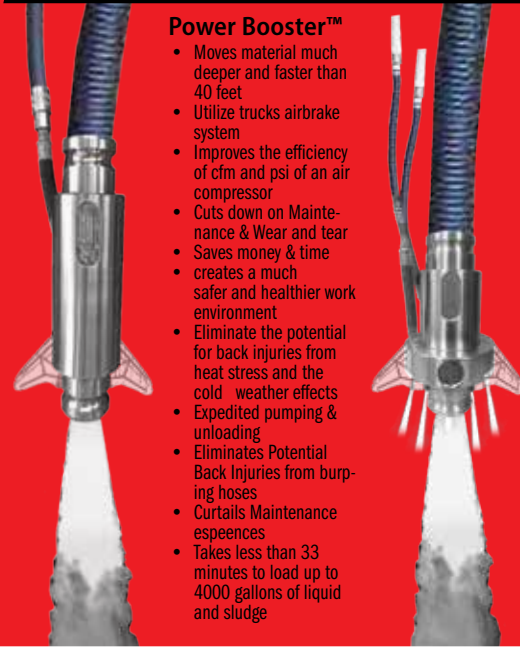
Let the POWER BOOSTER blast your waste from as deep as 100 Feet and deeper straight up  
Pump any material beyond 40 feet

### Power Booster™

- Moves material much deeper and faster than 40 feet
- Utilize trucks airbrake system
- Improves the efficiency of cfm and psi of an air compressor
- Cuts down on Maintenance & Wear and tear
- Saves money & time
- creates a much safer and healthier work environment
- Eliminate the potential for back injuries from heat stress and the cold weather effects
- Expedited pumping & unloading
- Eliminates Potential Back Injuries from burping hoses
- Curtails Maintenance expenses
- Takes less than 33 minutes to load up to 4000 gallons of liquid and sludge

### HydraBore®

- Breaks up heavy build up on walls, baffles, and floors
- Re-suspends thick sludge for greater pumping efficiency
- Pumps 4000 gallon in less than 30 minutes
- Increase revenues, conducting preventative maintenance
- Cuts maintenance expenses and provides operators more free time



Visit our website for more details



The most versatile tools on the market today, our products create all the necessary THRUST and POWER from almost any compressor to pump deeper-pump faster spending less time on each job.

As our economy continues to be out of control, prices increase constantly, cutting deeper into our pocketbooks, times are rough! This has had a devastating impact on most of America. Your loyalty carries a strong message and Pressure Lift Corporation wishes to pay it back. Your loyalty has kept our business strong while others have kept their prices exorbitantly high throughout this crisis & may continue even when it's over. Pressure Lift Corp is rolling out a Price Rollback program. While we can, PLC will be offering lower retail prices until further notice. Please use code PLC-RollBack when ordering. Come and get them while you can!



OVER 30 YEARS IN BUSINESS



We also offer COXREELS HANDLE TECH and MASPORT

## RULES & REGS

Improperly maintained septic systems pose a threat to the McKenzie River, the sole source of drinking water for the nearly 200,000 people in the Eugene area.

### Washington

Members of the Island County Marine Resources Committee presented a white paper outlining climate trends in the Pacific Northwest toward warmer and drier summers, storm surges and extreme high tides, reports the *Whidbey News-Times*.

Sea level rise increases risks to coastal communities, including impacts on septic drainfields, utilities, water systems and marine wildlife.

Preparation is key, said Patrick Havel, one of the authors of the paper.

"After an inundation event is not the time to find that insurance does not cover the damage or that the government can't pick up the tab," he said. "Ensure emergency response plans anticipate septic system exposure."

Commissioner Janet St. Clair encouraged residents to make good choices and build solutions. "Your gravity-fed septic system that you put in in 1968 ain't gonna cut it in 2030," she said.

Commissioners were encouraged to incorporate this information into the county's comprehensive planning process. **P**

## It's Your Magazine. Tell Your Story.

Pumper welcomes news about your company or services.

Send your ideas to [editor@pumper.com](mailto:editor@pumper.com).



GET EMAIL NEWS ALERTS FOR **Pumper**

Go to [pumper.com/alerts](http://pumper.com/alerts) and get started today!



**NAWT**  
National Association of Wastewater Technicians

**YOUR SOURCE  
FOR REAL  
LEARNING**

**NAWT's mission** is to unify the voice of the sanitary wastewater management industry, while increasing its professionalism and public image through education of industry members and the public.

## UPCOMING TRAINING & EVENTS

### Septic System Training

#### NAWT Septic System Training by RETS

September 6-7, 2024

Location: Arlington, TX

Contact: Brian Murphy: 972-743-5588

### Operation and Maintenance Training

#### NAWT O&M 1 by CPOW

November 21-22, 2024

Virtual Online Course

Contact: Lisa Nicoll: cpow@cpow.net

### Inspector Training

#### NAWT Inspector by CPOW

May 23-24, 2024

Location: TBD, CO

Contact: Lisa Nicoll: cpow@cpow.net

### Online Vacuum Truck Training Available!

Please visit our website for more information.

### Soils Workshop

#### NAWT Soils by CPOW

June 6-7, 2024

Location: Rifle, CO

Contact: Lisa Nicoll: cpow@cpow.net

#### NAWT Soils by CPOW

September 12-13, 2024

Location: Pueblo, CO

Contact: Lisa Nicoll: cpow@cpow.net

View our full in-class and online schedule at:  
**www.NAWT.org**

#### ARE YOU A NAWT MEMBER? SIGN UP TODAY!

Are you interested in getting involved in education? Sign up to serve on the education committee.

#### Online NAWT DOT CDL Pre and Post Trip Inspection Course

Please visit [NAWT.org/training.html](http://NAWT.org/training.html) to register.

**800-236-6298 • WWW.NAWT.ORG**



## INDUSTRY NEWS



Bill Zoeller

### Zoeller names Bill Zoeller as chief executive officer

Bill Zoeller became CEO of Zoeller Pump Company on May 1. Zoeller, who previously served as chief operating officer, was selected by the board of directors to lead the company upon the retirement of John Zoeller, who has served as CEO for 22 years.

"As the chief operating officer at Zoeller Company, Bill Zoeller has shepherded the company through several acquisitions, significant growth and the COVID-19 pandemic," says Christopher Carmicle, chair of the Zoeller board. Zoeller has also served as the president of Louisville operations and director of risk management at the company.

### SSPMA offers new scholarship program

The Sump and Sewage Pump Manufacturers Association announced the opening of its 2023/2025 SSPMA scholarship program. This year's program will award up to two scholarships for \$2,500 each to students working toward an associate, bachelor's, master's degree or appropriate certification/trade associated with wastewater management. Applicants may apply online at [www.sspma.org/scholarship](http://www.sspma.org/scholarship) by June 1. Formed in 1956, the SSPMA is a North American trade organization representing a majority of the manufacturers of sump, effluent and sewage pumps, together with component and accessory suppliers.



### KeeVac Industries announces new owners

KeeVac Industries has new owners, Ron and Jules Bain. Previously, Ron was behind-the-scenes upfitting trucks for KeeVac, and now has acquired the public facing side of the business. Getting its start in a small two-bay garage, KeeVac has grown into a single, large facility located in Denver. **P**

## It's Your Magazine. Tell Your Story.

Pumper welcomes news about your company or services.

Send your ideas to [editor@pumper.com](mailto:editor@pumper.com).



Wilson, North Carolina  
252-206-1641  
[www.integrity-tank.com](http://www.integrity-tank.com)

Backed by more than 85 years of combined experience in custom tank building



#### Custom builds include:

- Septic/ Grease/ Industrial Waste
- 200 - 6000 Gallons
- Portable Restroom Service Trucks
- Aluminum/Steel/Stainless

#### Additional Services:

- Vacuum pump repairs, conversions, and refurbis

Integrity Tank where quality and service exceed expectations

CONTACT CHAD DAVIS for QUOTES at 252-450-9168



### Join Us Online



[Facebook.com/PumperMag](https://Facebook.com/PumperMag)



[Twitter.com/PumperMag](https://Twitter.com/PumperMag)

[LinkedIn.com/company/pumper-magazine](https://LinkedIn.com/company/pumper-magazine)

# Essential Tools for Septic Professionals from Cape Cod



## Tank Activator

Jump Start is designed to activate newly installed tanks and accelerate the health of septic tanks after being pumped



## Tank Maintenance

CCLS maintains septic systems, digests waste, unclogs plumbing waste lines, eliminates odors, reduces organic buildup.



## Drainfield Care

After Shock restores drainage to clogged and sluggish drainfields and structures, eliminates odors.



## Drain Help

DrainMaster opens problem drains, removes buildup, keeps drains free-flowing, maintains grease traps, controls odors.



## Grease Killer

BIO-REM E-D breaks down grease, digests waste, eliminates odors, unclogs drains.



Cape Cod Biochemical  
Pocasset, MA

800-759-CCLS | [www.SepticOnline.com](http://www.SepticOnline.com)

Use Our Customer Portal for Easy Online Orders!

Green Products for Septic Professionals  
SINCE 1976

MADE IN AMERICA

## KEEP PUMPER COMING

Go Online Today  
For A **FREE**  
Subscription  
[Pumper.com](http://Pumper.com)

COLE Publishing Inc.  
800-257-7222



**SLIDE IN QUEEN**  
TANK SUPPLY CO.

## Trucks

Built to order  
with options  
available

## Slide In Tanks

Units In Stock  
Ready to ship



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



833-475-4334

# Serving the Industry

➔ Visit your state and provincial trade Associations

**Alabama**  
Alabama Onsite Wastewater Assoc.  
www.aowainfo.org; 334-396-3434

**Arizona**  
Arizona Onsite Wastewater Recycling Assoc.  
www.azowra.org; 928-443-0333

**Arkansas**  
Arkansas Onsite Wastewater Assoc.  
www.arkowra.com

**California**  
California Onsite Wastewater Assoc.  
www.cowa.org; 530-513-6658

**Colorado**  
Colorado Professionals in Onsite Wastewater  
www.cpow.net; 720-626-8989

**Connecticut**  
Connecticut Onsite Wastewater Recycling Assoc.  
www.cowra-online.org  
860-267-1057

**Delaware**  
Delaware On-Site Wastewater Recycling Assoc.  
www.dowra.org

**Florida**  
Florida Onsite Wastewater Assoc.  
www.fowaonsite.com  
321-363-1590

**Georgia**  
Georgia Onsite Wastewater Assoc.  
www.georgiaonsitewastewater.com  
706-407-2552

Georgia F.O.G. Alliance  
www.georgiafog.com

**Idaho**  
Onsite Wastewater Assoc. of Idaho  
www.owaidaho.org; 208-664-2133

**Illinois**  
Onsite Wastewater Professionals of Illinois  
www.owpi.org

**Indiana**  
Indiana Onsite Waste Water Professionals Assoc.  
www.iowpa.org; 317-965-1859

**Iowa**  
Iowa Onsite Waste Water Assoc.  
www.iowwa.com; 515-225-1051

**Kansas**  
Kansas Small Flows Assoc.  
www.ksfa.org; 913-594-1472

**Kentucky**  
Kentucky Onsite Wastewater Assoc.  
www.kentuckyonsite.org  
855-818-5692

**Maine**  
Maine Assoc. of Site Evaluators  
www.maine.com

Maine Assoc. of Professional Soil Scientists  
www.mapss.org

**Maryland**  
Maryland Onsite Wastewater Professionals Assoc.  
www.mowpa.org; 443-570-2029

**Michigan**  
Michigan Onsite Wastewater Recycling Assoc.  
www.mowra.org

Michigan Septic Tank Assoc.  
www.msta.biz; 989-808-8648

**Minnesota**  
Minnesota Onsite Wastewater Assoc.  
www.mowa-mn.com; 888-810-4178

**Mississippi**  
Mississippi Pumpers Assoc.  
www.mspumpersAssoc.com  
601-249-2066

**Missouri**  
Missouri Smallflows Organization  
www.mosmallflows.org  
417-631-4027

**CENTURY CHEMICAL CORPORATION** EST. 1926

## It Just Makes Septic Sense

- Fast acting, sinks right to the problem
- Helps keep our ground water safe
- Non-toxic to humans and animals
- Bacteria and Enzyme based

www.centurychemical.com 800.348.3505

NEED SOMETHING  
WANT SOMETHING  
SELLING SOMETHING

We have somethings  
and more

**IN THE CLASSIFIEDS!**

Check it out in each issue of Pumper magazine  
or go to [Pumper.com/classifieds](http://Pumper.com/classifieds)

Reach **20,500** dedicated Pumper professionals each month in Pumper!

### Nebraska

Nebraska On-site Waste Water Assoc.  
www.nowwa.org; 402-476-0162

### New England

Yankee Onsite Wastewater Assoc.  
(Massachusetts, Connecticut, Maine, New Hampshire, Rhode Island and Vermont)  
www.yankeehome.com; 603-831-8670

### New Hampshire

New Hampshire Assoc. of Septage Haulers  
www.nhash.com; 603-831-8670

Granite State Onsite Wastewater Assoc.  
www.gsdia.org; 603-228-1231

### New Mexico

Professional Onsite Wastewater Reuse Assoc. of New Mexico  
www.powranm.org; 505-989-7676

### New York

Long Island Liquid Waste Assoc., Inc.  
www.lilwa.org; 631-585-0448

### North Carolina

North Carolina Septic Tank Assoc.  
www.ncsta.net; 336-416-3564

### North Dakota

North Dakota Onsite Wastewater Recycling Assoc.  
701-650-8792

### Ohio

Ohio Onsite Wastewater Assoc.  
www.ohioonsite.org; 740-828-3000

### Oklahoma

Oklahoma Onsite Wastewater Assoc.  
918-727-7113

### Oregon

Oregon Onsite Wastewater Assoc.  
www.o2wa.org; 541-389-6692

### Pennsylvania

Pennsylvania Assoc. of Sewage Enforcement Officers  
www.pa-seo.org; 717-761-8648

Pennsylvania Land Improvement Contractors of America  
www.pennsylvanialica.com  
724-866-1082

Pennsylvania Onsite Wastewater Recycling Assoc.  
www.powra.org

Pennsylvania Septage Mgmt. Assoc.  
www.pasma.net; 717-763-7762

### Tennessee

Tennessee Onsite Wastewater Assoc.  
www.tnonsite.org

### Texas

Texas On-Site Wastewater Assoc.  
www.txowa.org; 409-718-0645

Education 4 Onsite Wastewater Management  
www.e4owm.com; 713-774-6694

### Utah

Utah Onsite Wastewater Assoc.  
www.utahonsite.org; 385-501-9580

### Virginia

Virginia Onsite Wastewater Recycling Assoc.  
www.vowra.org; 540-377-9830

### Washington

Washington On-Site Sewage Assoc.  
www.wossa.org; 253-770-6594

### Wisconsin

Wisconsin Onsite Water Recycling Assoc.  
www.wowra.com; 888-782-6815

Wisconsin Liquid Waste Carriers Assoc.  
www.wlwca.com; 888-782-6815

### NATIONAL

Water Environment Federation  
www.wef.org; 800-666-0206

National Onsite Wastewater Recycling Assoc.  
www.nowra.org; 978-496-1800

National Assoc. of Wastewater Technicians  
www.nawt.org; 800-236-6298

### CANADA

Alberta  
Alberta Onsite Wastewater Management Assoc.  
www.aowma.com; 877-489-7471

British Columbia  
WCOWMA Onsite Wastewater Management of B.C.  
www.wcowma-bc.com  
877-489-7471

British Columbia Onsite Sewage Assoc.  
www.bcossa.org; 778-432-2120

Manitoba  
Manitoba Onsite Wastewater Management Assoc.  
www.mowma.org; 877-489-7471

Onsite Wastewater Systems Installers of Manitoba, Inc.  
www.owsim.com; 204-771-0455

New Brunswick  
New Brunswick Assoc. of Onsite Wastewater Professionals  
www.nbaowp.ca; 506-455-5477

Nova Scotia  
Waste Water Nova Scotia  
www.wwns.ca; 902-246-2131

Ontario  
Ontario Onsite Wastewater Assoc.  
www.oowa.org; 855-905-6692

Ontario Assoc. of Sewage Industry Services  
www.oasisontario.on.ca  
877-202-0082

Saskatchewan  
Saskatchewan Onsite Wastewater Management Assoc.  
www.sowma.ca; 877-489-7471

Canadian Regional  
Western Canada Onsite Wastewater Management Assoc.  
www.wcowma.com; 877-489-7471





**PortaLogix = ↑ PAY MORE TAXES! Why?**  
**It makes you more PROFITABLE.**  
**SORRY**




585-484-7009 | sales@portalogix.com  
PortaLogix.com

**EASY-KLEEN**  
PRESSURE SYSTEMS LTD.  
MANUFACTURER OF HIGH PRESSURE CLEANING EQUIPMENT

**VAN PACK JETTERS**  
12 GPM @ 3500 PSI





**OPEN JETTER TRAILERS** GROUNDHOG JETTER



20 GPM @ 4000 PSI

**ENCLOSED JETTER TRAILERS** (Hot Water)



**VACUUM TRUCK HEATERS**  
440,000 BTU to 4,000,000 BTU



YouTube  
www.youtube.com/easyklean

**1-800-315-5533**  
www.easyklean.com  
sales@easyklean.com

OVER 50 YEARS BUILDING QUALITY EQUIPMENT

**HotJetUSA**

Don't Have the **BUDGET** for the **BIG TRUCKS?**



**BEST SELLING VAC 'N JET**  
**FOUR MACHINES IN ONE!**

- ✓ **HOTJET II® JETTER**
- ✓ **HYDRO-EXCAVATOR**
- ✓ **VACUUM**
- ✓ **500 GL. SPOILS TANK**
- ✓ **POWER WASHER**



TRAINING AND **FREE** WAREHOUSE NOZZLE INCLUDED

**HOTJET II**  
OUR BEST SELLING DRAIN LINE JETTER!  
10GPM @ 4000 PSI • 35HP VANGUARD  
Cleans 2-12" Drains with Hot OR Cold Water

- ✓ **SEPTIC SYSTEMS**
- ✓ **GREASE TRAP LINES**
- ✓ **LIFT STATIONS**

**CALL TODAY!**  
**1-800-624-8186**  
**WWW.HOTJETUSA.COM**  
www.youtube.com/hotjetusa

PRICES SUBJECT TO CHANGE - CALL FOR CURRENT PRICING

**T&T Tools, Inc.**  
**800-521-6893**

**THINK SAFETY & CHOOSE THE MIGHTY PROBE**  
Tested Up To 50,000 Volts



**CALL for a FREE Catalog**

Many Styles Available  
[www.mightyprobe.com](http://www.mightyprobe.com)

R. Nesbit Portable Toilets introduces:  
**The Sani-Klip**

A COST EFFECTIVE SOLUTION FOR PROVIDING ALL OF YOUR CUSTOMER'S HAND SANITIZER



**CONTACT: KATIE/AMY**  
R. NESBIT PORTABLE TOILETS  
**724-652-8232**  
[www.best-portable-toilets.com](http://www.best-portable-toilets.com)

**AMERICAN JETTER.COM**

**Up to 67% MORE EFFICIENT**



51T Trailer Jetter Hot or Cold  
18 GPM @ 5000 PSI / 20 GPM @ 4000 PSI  
76 HP Kohler EFI  
FREE Shipping/Delivery



58 Trailer Jetter Hot or Cold  
10 GPM @ 4000 PSI  
38 HP Kohler EFI  
Free Shipping/Delivery

**866-944-3569**

**Pumper**

IT TAKES TWO:  
Texas Company goes with... energy... safety...

Way to Grow  
Create... to... to... to...

**Great Tips. Great Deals. Great Magazine.**

Turn the page and stay up-to-date on the latest products, equipment and information for your industry. Over 25,000 of your peers read Pumper each month for the unlimited knowledge it gives them. Each issue shows you new tools, tips to save on expenses, money-saving deals and much more.

**Don't miss an issue - Subscribe today!**  
Call 1.800.257.7222  
or go to [www.pumper.com](http://www.pumper.com)

*Fresh Content*

IS KEY TO YOUR COMPANY'S MARKETING STRATEGY...

**LOTS OF IT.**

COLE Media's content generation team specializes in custom-built, affordable solutions exclusively tailored to fit your needs.

**COLEmedia**  
800.257.7222 | [cole-media.com](http://cole-media.com)

What Do You Do **AFTER HOURS**

Our After Hours feature explores the personal stories behind the pumper, talking about what you do in your leisure time, your personal interests and hobbies, your charitable pursuits or community involvement.

Pumper welcomes story ideas if you take part in something interesting outside of work, or if you know someone in the pumping business who does.

Send us a note to [editor@pumper.com](mailto:editor@pumper.com).

**Surco Potty Fresh Plus**  
Portable Toilet Deodorant



**Powerfully-effective odor control liquid portable toilet deodorant!**  
Non-Formaldehyde • Deep Blue Non-Staining Dye

**SURCO**  
PORTABLE SANITATION PRODUCTS  
800.556.0111  
surco.com

**BECOME A BELIEVER**  
YOUR CURRENT SUPPLIER IS GOING AWAY



**Get SURCO®**  
Out-of-this world products for portable restroom odor control available right here on earth.

**Irwin Septic**  
Pumping - Plumbing - Repairs



**FREE PRIVATE LABELING**  
Drainfield Solutions  
Root Control - Septic Solutions  
Grease Solutions

[www.lenzyme.com](http://www.lenzyme.com)  
**800-223-3083**

**EASY-KLEEN**  
PRESSURE SYSTEMS LTD.  
MANUFACTURER OF HIGH PRESSURE CLEANING EQUIPMENT

**WOLVERINE**  
DRY STEAM GENERATORS



20/30/40/50 BHP  
Up To 2,000,000 BTU  
Curing  
Thawing  
Degreasing  
Degassing  
Melting  
Cleaning & Restoring  
Prepping Surfaces for Paint  
Purifying  
Weed Control

**YouTube**  
[www.youtube.com/easykleen](http://www.youtube.com/easykleen)  
**1-800-315-5533**  
[www.easykleen.com](http://www.easykleen.com) - [sales@easykleen.com](mailto:sales@easykleen.com)

DISASTER CLEANUP & RECOVERY

**DCR**  
CONTRACTOR

**AVAILABLE NOW**

**FREE SUBSCRIPTION AT DCRCONTRACTOR.COM**



# FEATURED IN AN ARTICLE?



**Make the most of it!**  
**REPRINTS AVAILABLE:**  
Electronic reprints

**Go To [Pumper.com/order/reprint](http://Pumper.com/order/reprint) for articles and pricing**



# CLASSIFIEDS

See photos in color at [www.pumper.com](http://www.pumper.com)

## BUSINESSES

Business for sale - Family owned and operated company for over 22 years. Well-established, full-service restaurant grease trap servicing company located in Arizona, serving the Phoenix Metro area and beyond with over 200 clients. Selling the full company, including a 2020 Kenworth pumping truck, full equipment set (i.e. hydro-jets, snaking machines, etc.), and client list. Selling the business because the owner is retiring. For more information: [r34858283@gmail.com](mailto:r34858283@gmail.com) (P05)



**The premiere southwest Montana** waste water service provider, septic pumping and septic system installer. This company installs and maintains a wide variety of basic and advanced waste water systems, residential, municipal and commercial. A complete turnkey business with several untapped revenue streams available. Ready and waiting for a new owner to jump right in. Current owner willing to train and phase in new ownership. Chance of a lifetime to relocate to the booming area of southwest Montana. **For more information please contact us at [MontanaWW@yahoo.com](mailto:MontanaWW@yahoo.com) (P07)**

I am looking to purchase a septic pumping, grease trap cleaning, or sewer inspection and maintenance business in North or South Carolina. I'm in my early 30s and eager to work in the business full-time. If you or someone you know is looking to sell their business, please call or text me at 910-520-9282 or email [tom@fspartnersnc.com](mailto:tom@fspartnersnc.com). (P05)

Highly Reputable Company (Five Stars) in Beautiful Southern New Mexico on the base of the Sacramento Mountains in Alamogordo N.M. Next to Holloman Air Force Base. 40-Year-old Septic Company is for sale by owner who wishes to retire. The Company is diversified in different aspects of the septic industry. The facility is set on four acres and has its own indoor Septic Tank Concrete manufacturing facility 9327 Sq Ft With and overhead crane. We manufacture 1000 Gallon. 1250 Gallon and Norweco / Green Precast Aerobic Septic Systems that we use for the Installs. Facility also Cast Retainer

Block walls, Parking curbs, and Manholes. Company Installs Septic and Aerobic Septic Systems and maintains all Aerobic contracts which allows for a nice income. The company also has a Crane Division to set all systems to be installed and has a large revenue from setting HVAC Units on the side. Company Has a Septic Pumping and Disposal and Inspection Division, we pump into our own Waste and Disposal Company. (Separate Entity One location in Alamogordo and the other in Las Cruces N.M.) "Also, For Sale" The company grosses over 2 million Dollars a year, Not including the wastewater treatment plants. Company owns Pickups, Excavators, Dump Truck, Pump Trucks, Trailers, Low Boy-Simi, Backhoe, Cranes, and skid Steers, Septic Molds, Aerobic Molds, Retainers Molds and more. Company Owns a Public Sewer Utility Division on 34 Homesites (added Income) Asking Price 2.5 million Dollars. Serious Inquires Only. Email --- [magnaman62.jh.jh@gmail.com](mailto:magnaman62.jh.jh@gmail.com) (P05)

Business for sale - Family owned and operated company for over 22 years. Well-established, full-service restaurant grease trap servicing company located in Arizona, serving the Phoenix Metro area and beyond with over 200 clients. Selling the full company, including a 2020 Kenworth pumping truck, full equipment set (i.e. hydro-jets, snaking machines, etc.), and client list. Selling the business because the owner is retiring. For more information: [r34858283@gmail.com](mailto:r34858283@gmail.com) (P05)

Business For Sale - Central NJ/ NJDEP-A901/ CPCN Licenses. Septic/Sewer-pumping-repair-construction. Tandem Dump, Mason Dump, Utility, and Pumper Trucks- Backhoes, Trailers, Jet Machines, Power snakes, Shop tools. Industrial-Commercial-Municipal & Residential Accounts. Easy transition to solid waste with CPCN License. Will sell all or part. Owner retiring. Glenn 732-672-5797 [gclr1955@gmail.com](mailto:gclr1955@gmail.com) (P05)

Septic tank and cesspool cleaning company for sale in Long Island, NY. Servicing prominent areas of Nassau and Suffolk Counties. Highly reputable, thriving company with an excellent reputation and tremendous opportunities for growth and expansion. 516-922-1242 [EastNor14@yahoo.com](mailto:EastNor14@yahoo.com). (P06)

Well-established, full-service septic system contracting company operating in South Florida for over 70 years, specializing in inspections, pump outs, repairs, new installation of tanks & drainfields, and certifications. Currently pumping 200,000 to 300,00 gallons

of residential/commercial tanks per month and installing over 150 tanks and drain fields per year. Well-maintained and working vacuum trucks, dump trucks, backhoes, track machines, and trailers. Serious buyers may inquire by email to [southfloridabusiness@yahoo.com](mailto:southfloridabusiness@yahoo.com) (P05)

[www.RooterMan.com](http://www.RooterMan.com). Franchises available with low flat fee. New concept. Visit web site or call 1-800-700-8062. (PBM)

## COMPUTER AND SOFTWARE BILLING

We design and mail Postcards and build Websites for Septic Pumping Companies. Check us out [SEPTICCOMPANYMARKETING.COM](http://SEPTICCOMPANYMARKETING.COM) we can help you grow your business. 720-481-9258 (P05)

## DEWATERING

Used dewatering boxes and accessories for dewatering equipment. Call for details 979-245-5656. (PBM)

## DRAIN/SEWER CLEANING EQUIPMENT



**2020 International mv607** 185,735 miles. Cummins engine. Allison automatic transmission. This truck will be getting a new 2,000 gallon tank installed paired with a new masport viper pump, Diamond plated hose tray, Diamond plated tool box, new rim new tires. Any color you would like to paint the truck included in price. Asking **\$88,500 City truck Sales** **786-723-9977 Exclusivequality-trucks@gmail.com <https://www.citytrucksale.com/> (P05)**

## DRAINFIELD RESTORATION



**New & Used TERRALIFT machines** Terralift parts and beads. Aerratech Solutions LLC, 413-394-4567 or cell- 413-441-1140. Call and learn how the TERRALIFT machine can earn your business an **extra \$250,000 in revenue a year.** (PBM)

## HAZARDOUS WASTE UNITS

1998 International 1,000 Gallon Presvac tank DOT412 Engine Presvac vacuum pump runs very good all in working order KLM Companies \$19,500. 617-909-9044 (PBM)

2011 Presvac 3,200 U.S. gallon, carbon steel, D.O.T. 412, Vacuum tank only (no truck) stock# 8293C [www.vacuumsalesinc.com](http://www.vacuumsalesinc.com) (888)VAC-UNIT (822-8648) (PBM)

2006 Presvac 3,200 U.S. gallon, stainless steel, D.O.T. 412, Vacuum tank only (no truck). Stock# 7272C [www.vacuumsalesinc.com](http://www.vacuumsalesinc.com) (888)VAC-UNIT (822-8648) (PBM)

2008 Cusco 3,150 U.S. gallon, carbon steel, D.O.T. 407/412, Full open rear door dump type tank with a Moro PM200 Vacuum pump package (no truck). Stock# 8092C [www.VacuumSalesInc.com](http://www.VacuumSalesInc.com), (888) VAC-UNIT (822-8648). (PBM)

2001 Presvac 3,000 U.S. gallon, C/S DOT 412, two compartment (1,000 front-2,000 rear) Vacuum tank (tank only) Stock# 6196C [www.VacuumSalesInc.com](http://www.VacuumSalesInc.com), (888) VAC-UNIT (822-8648). (PBM)

2007 Volvo VHD Triaxle with Pressvac Powervac 5300 Stainless Steel DOT 412 Haz Waste Wet Dry Dump Door Tank, Hibon 27" blower also with Presvac PV750 vacuum pump. Full 360 Boom with upgraded RPM wireless remote. Pre emission 450hp 13L Engine low miles and hours. KLM Companies 617-909-9044 (PBM)

## HYDROEXCAVATING EQUIPMENT

2002 Gap Vax HG56 Stainless Steel Tank body in exceptional condition. Low miles and hours with 450 HP Cummins power and wireless remote for Boom and Hose reel with Jet rodder 80 GPM pump Hibon 8702 27" 5300 CFM Blower. Integral remote boom with hose reel. Ready to work. One a kind machine. KLM Companies 617-909-9044 (PBM)

## JET VACS



**Factor 2100** with 15 yard holding tank on a 2006 International 7400 diesel, 6 cylinder, tandem axle, 1500 gallon fresh water tank, 74,326 miles. Very well maintained and ready to work!! **\$125,000. Call 641-394-4985, located in New Hampton, Iowa.** (P05)

PLACE YOUR AD ONLINE AT [WWW.PUMPER.COM](http://WWW.PUMPER.COM) - IT'S ALWAYS THERE TO MEET YOUR BUSY SCHEDULE

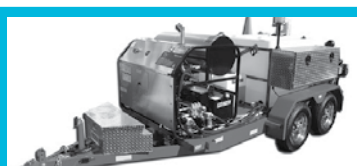




**2008 Ford F550** diesel automatic 2wd Cusco low profile vac truck, 700 gal debris 150 gal fresh water, 5.5 gpm at 2500 jet pump, vane pump 350 cfm 250 ft 3/8 hose, 4 inch intake with 6 inch dump valve, dumping debris tank with 30 inch rear opening Air ride suspension lots of new parts and ready for paint of your choice. **Located in Ontario Canada. Adam@jdbrule.com 613-293-1965 (P07)**

2024 Freightliner 114SD cab & chassis with a Vacall AJV1215 Description Combination et/Vac – 12 cubic yard debris & 1,500 gallon water – Roots 824 blower with General 87 GPM @ 2,000 PSI water pump (coming in May) Stock# 14098 **www.VacuumSalesInc.com, (888) VAC-UNIT (822-8648). (PBM)**

### JETTERS – TRAILER



**The HotJet II®** is a best-selling hot- and cold-water drainline cleaner featuring a 35hp Vanguard engine by Toyota and delivering 10gpm @ 4,000psi that cleans drains up to 300' and 12" in diameter. The HotJet II® is American made using nonproprietary parts for affordability and ease in serviceability making its return on investment truly impressive. Prices subject to change. Financing available. Contact us for current pricing and availability **800-624-8186; sales@hotjetusa.com; www.hotjetusa.com (PBM)**

### LEASE/FINANCING

Western Equipment Finance, a bank-owned direct lender, is committed to continuing to help you prosper. All Equipment Types, New or Used; we have the best rates and terms you deserve. App-Only Financing and credit decisions within an hour. Call the team you can TRUST, Jim Stekl at Western Equipment Finance 701-665-1647. jim.stekl@westernequipmentfinance.com (PBM)

**Sell Your Truck Here!**  
[www.pumper.com/classifieds](http://www.pumper.com/classifieds)

### PARTS & COMPONENTS



**Clear the Main Line with ease.** JnA Main Line Vac. Just hook the line vac to your hose, insert the incoming mainline pipe and watch the line come clean. Works on 3" & 4" pipe. Free shipping in the US. \$149.99. **Order at jnamainlinevac.com. 919-559-9344. (PBM)**

### PORTABLE RESTROOM

Used Blue/Polyjohn & Beige/Synergy units all in good condition/rentable all have dispensers \$150/ea 203-748-6906 (P05)

51 Poly portable standard portable restrooms with hand sanitizer dispensers; tan & pewter. \$150.00 + sales tax per unit. 58 Elevate standard portable restrooms, gray & yellow; \$150.00 + sales tax per unit. Please email: portables@allstateseptice.com 610-498-3111 (P05)

Used Blue/Polyjohn & Beige/Synergy units all in good condition/rentable all have dispensers \$150/ea 203-748-6906 (P05)

10 Olympic fiberglass toilets. MUST take ALL 10. \$1,200, in good condition. Call 203-748-6906 NY/CT line. (P05)



**100 Poly John PJ3** portable toilets. Construction grade. Mostly blue and white. **\$150 each. Call 845-883-5563 M-F. (P05)**



**150 Poly John satellite poly portable** for sale. Construction grade. \$150 each. Minimum of 20 units per sale. Located in St George Utah. **Call Skylar 435-272-7457 (P06)**

### PORTABLE RESTROOM HAULER



**Reese Hitch** 2 toilet carrier. \$2,500.00. Please **call Rodney Lane 270-832-3793 (PBM)**

### PORTABLE RESTROOM TRAILERS



**2014 Jag (10) station restroom trailer**, cottage interior, ladies five private rooms, common area with vanity and two sinks. Mens two private rooms and a common area with three urinals and two sinks. Heat, A/C, self contained and Dakota package. **Call 866-883-9538 M-F. (P05)**

### PORTABLE RESTROOM TRUCKS

Need a backup truck? Now selling our one owner older vehicles. 1 Flatbed delivery 05 GMC 16 foot rack with lift gate 333,010 miles Duramax. Runs good. \$13,000. 09 GMC 5500 service truck. Aluminum 1100/400 336256 Duramax. Runs good, electric vacuum pump, used methanol in winter (no brine) \$26,000. Short videos available by text message. Text to mobile number 618 767-4316 Glenn. (P05)

2014 Isuzu NRR. Aluminum 1,500-gal tank. 1,100-gal waste/400 gal fresh water. One 25 ft. hose on each side. 143,000 and milage will go up, it is used daily. \$55,000. Tim Starkey 870-365-7838. (P05)



**2005 GMC, Duramax diesel**, 349k, auto trans, AC, cruise, Masport M4 H4 vac pump, 1250 gal, 1000/250, 2 pot rack, great running truck, used daily. **\$16,500 Hulls Truck Bodies LLC 740-820-5338 (P05)**



**2019 Isuzu diesel NQR** with Flow-mark service body, 6 speed automatic. PTO driven Massport pump, (1250 aluminum tank) 800 waste/450 water, fully maintained with all service records, 2 unit drop down hauler. **98,940 miles. \$55,000 obo. Mike - 208-739-7151 (P06)**



**2013 Ford F-550** Satellite Portable Restroom Truck - 4WD - 6.7 Diesel (60k miles on replaced engine and turbo) - 275k total miles - many newer parts (newer engine, transmission, turbo, etc.) - 600 waste / 300 fresh capacity - **Price Negotiable- Call Bruce @ (701)471-4098 (P05)**



**2013 Pete, PX6 Paccar**, 294k, Allison Auto, AC, cruise, 26,000 gww, 2000 gal aluminum tank, 1500/500, Masport HXL75 vac pump, Heavy Duty water pump, 2 pot rack, good tires and aluminum wheels. Very good running truck. Can be opened up for septic. **\$45,000.00 Hull's Truck Bodies LLC 740-820-5338 (P05)**



**2020 Ford F250** built by Erickson tank and pump (120 waste, 40 water). Has E-trac, can hold 2 regular units with liftgate down. 98,220 miles. Asking \$39,000. Have all maintenance records. Contact Ricky for details. **208-949-0117 or email Ricky@portapros.com (P06)**



**We are upgrading our fleet!** We have three trucks for sale. 2000 Sterling (white/blue) \$8k obo, truck starts and runs great, working lift gate and pump with 2 fresh water tanks and 1 waste water tank. 2006 Freightliner (white/black/red) \$10k obo with 465,000 miles. Same 2 fresh tanks with 1 waste tank. Truck starts and runs great with working lift gate and pump. 2009 freightliner (American Flag) \$12k obo with 350,000 miles. Also has same setup for tanks and lift gate. Truck starts and runs great. **All trucks are under the CDL weight restrictions!** You can call 517-546-2268! (P05)



Please email [henry@johnnyrentals.com](mailto:henry@johnnyrentals.com) or call 530-893-5687 (ask for Henry) with serious inquiries only. Portable toilet service truck, holds four standard toilets. 2012 Dodge Ram 5500 Heavy Duty - diesel. Odometer: 227,000 miles. New crate motor w/ 27,000 miles on it, same transmission. Tank size: 300gal water / 600gal waste. Vin: 3C7WDNBLXCG285182 New heads, new DEF system. **Water and sewage hoses not included. \$35,000 (P05)**



**\*\*\*Brand New Truck Ready to Work\*\*\*** 2024 ISUZU FTR Toilet/Septic truck with 2000-gal stainless steel dual compartment tank (800-gal freshwater / 1200-gal wastewater) PTO MASPORT HXL75 Vac Pump 2 unit drop down hauler. Current mileage 1390. \$180,000 OBO. **Please call 970-379-0454 (George) or email with any question to sales@cositeservice.com (P05)**

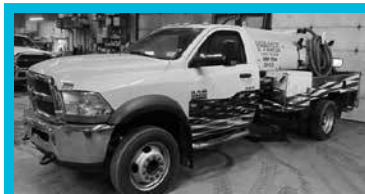
2007 Ford F650: Pre emission. 195k miles, automatic transmission, Cat C7 engine. Fresh cab paint, new vacuum pump, new brake drums and shoes, new tires. 1200 gallon stainless steel body split 950 waste 250 fresh water. Unit has current DOT and is work ready. Call or text 734-777-0390. \$37,000.00. (P05)

Need a backup truck? Now selling our one owner older vehicles. 1 Flatbed delivery 05 GMC 16 foot rack with lift gate 333,010 miles Duramax. Runs good. \$13,000. 09 GMC 5500 service truck. Aluminum 1100/400 336256 Duramax. Runs good, electric vacuum pump, used methanol in winter (no brine) \$26,000. Short videos available by text message. Text to mobile number 618 767-4316 Glenn. Located in IL near STL (P05)

2006 GMC 5500 Duramax Diesel. 700W/300F with Masport Pump. PTO driven. Good Transmission, pumps, and tank. Does NOT run, \$5500 OBO 2002 F350 7.3 Diesel. 300/150 tank. High miles. Daily Routes every day. Rusty, but trusty \$8000. 1999 F450 7.3 diesel 500/250 tank. Conde pump. on route daily \$8500. Call (608)583-2708 Ask for Tim for more information or pictures. (P05)



**2020 Isuzu diesel NQR** with Flowmark service body, 6 speed automatic. PTO driven Masport pump, (1200 aluminum tank) 800 waste/400 water, fully maintained with all service records, 2 unit drop down hauler. 82,400 miles. **\$58,000 obo. Mike - 208-739-7151 (P06)**



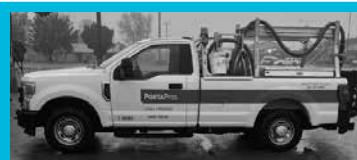
**2013 Ram 5500** diesel, automatic, Satellite 650 waste, 300 fresh, Conde pump, two unit carrier, 194,000 miles, new transmission 11/20. **\$34,000. Call 845-883-5563 M-F (P05)**



**2012 Ram 5500** diesel, automatic, Satellite 650 waste, 300 fresh, Masport pump, two unit carrier, 221,000 miles, **\$34,000, call 845-883-5563 M-F. (P05)**



**2015 Ram 5500** diesel, automatic, Satellite 650 waste, 300 fresh, two unit carrier, Masport pump, 253,000 miles, **\$38,000, call 845-883-5563 M-F. (P05)**



**2020 Ford F250 built by Erickson tank and pump** (120 waste, 40 water). Has E-trac, can hold 2 regular units with liftgate down. About 101,000 miles. Asking \$39,000. Have all maintenance records. **Contact Ricky for details, 208-949-0117 or email Ricky@portapros.com (P06)**

New Imperial 1300 U.S. gallon, portable toilet service unit mounted on a 2024 Ford F550 cab and chassis with a Masport HXL4 pump package. (3 available) Stock# 14161 - 14163 [www.VacuumSalesInc.com](http://www.VacuumSalesInc.com) **(888) VAC-UNIT (822-8648). (PBM)**

New Imperial 1300 U.S. gallon, portable toilet service unit mounted on a 2023 Ford F550 cab and chassis with a Masport HXL4 pump package. Stock #14123. [www.VacuumSalesInc.com](http://www.VacuumSalesInc.com) **(888) VAC-UNIT (822-8648). (PBM)**



**2017 Hino, J08E-VC**, diesel, 208k, auto trans, under cdl, AC, cruise, Amthor flat tank and lift gate, 800/400, 10 pot capacity, Masport HXL75 vac pump, DC10 water pump and hose reel, very clean great running truck. Finance and delivery available. **\$42,000.00 Hulls Truck Bodies LLC 740-820-5338 (PBM)**

2024 Peterbilt 536 cab & chassis with 2,150-gallon, two compartments (1,600 waste - 550 water) with an NVE B250 blower package, a DC10 washdown pump, dual service, strobe package, toilet carrier and backup camera. Stock# 14095. [www.VacuumSalesInc.com](http://www.VacuumSalesInc.com) **(888) VAC-UNIT (822-8648). (PBM)**



**2014 Ram 5500.** 1,000-gal waste/400 fresh. Aluminum tank w/ Masport pumps. **Call 720-436-3910 for more info. (PBM)**

## PUMPS

2 NVE 887 pumps with stand and right angle gear box muffler and oil drain 1 jurop pn58 with pump stand And hydro pto with tank. Pumps in stock! Call Fabian 720-436-3910 (PBM)

Buy & Sell all makes and models, new & used vacuum pumps, blowers, high-pressure water pumps, new and good used replacement parts. Buy discounted pumps online 24/7. Call us for a current inventory list. [www.VacuumSalesInc.com](http://www.VacuumSalesInc.com), **(888) VAC-UNIT (822-8648). (PBM)**

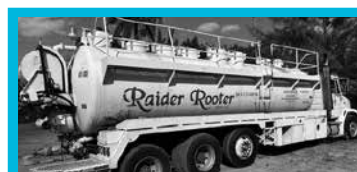
## PUMPS - VACUUM

PLUG & PLAY 400 CFM...\$1,950 Several Used Masport, Fruitland and NVE Call 269 751 5167 or email [truckservice1978@gmail.com](mailto:truckservice1978@gmail.com) We offer shipping. (P07)

## RENTAL EQUIPMENT

Liquid vacs, wet/dry industrial vacs, combination jetter/vacs, vacuum street sweeper & catch basin cleaner, truck & trailer mounted jettors. All available for daily, weekly, monthly, and yearly rentals. VSI Rentals, LLC, **(888)VAC-UNIT (822-8648)** [www.vsirentalsllc.com](http://www.vsirentalsllc.com). (PBM)

## SEPTIC TRUCKS



**2000 Freightliner.** 5,000-gallon pump truck FL122 with jetter **\$35,000. Runs great 561-302-7195 (P05)**



**2006 Septic Pump Truck.** 112,000 miles. Cat c13 engine. Eaton 12 speed. 2019 3400-gallon pikrite tank. Masport Titan plug n play pump (407 cfm). **812-620-4223. \$89,000 OBO (P05)**



**2008 Peterbilt, Paccar PX6**, 87k miles, Allison auto, AC, cruise, 26,000 gww, under cdl, 1500 gal tank, 1000/500, masport vac pump, 2 pot rack for rear. Could be opened up for septic or porta pot. Great running low mileage truck. **\$39,000.00**  
**Hulls Truck Bodies LLC**  
**740-820-5338 (P05)**



**93 Ford F700 Pump Truck** Vac Truck, Hydro New Hoses included, 5.9L 6cyl Cummins Diesel Standard Transmission 214,124 Miles GVWR 24,500LBS W/Rear Mounted Vac Unit (4cyl Diesel) Designed as for Hydro Excavating but used for septic pumping. We purchased a new Truck and are selling this one. Septic Pumping - Hydro Excavating - Grease Trap Pumping - **Runs Good \$9,800 Call or Text Johnny 623-377-4169 (P05)**



**International 4900**. 84k miles. Truck is in excellent shape, new muffler to engine, new 2500 gallon steel tank, new NVE 607, all new tires, rims, rear breaks, drums, cans & simulators. Lot's of work lights & safety lights. New floor mat, **new signal switch, extra transmission goes with it. 315-486-1711 (P05)**



**2015 Freightliner 114SD Pumper** Truck Miles: 165,742 Max Payload: 36,960 Water Capacity: 3,360 Hose: 300 Feet DeWalt Pressure Washer Contact: Scott Bacon **503-720-6874 scott.b@lovettservices.com Price: \$100,000 OBO. (P05)**



**2016 International 4300** Single Axle Pump Truck, Cummins ISB 250, Allison 2500 Auto Trans, 2500 Gal Steel Tank, 607 NVE Challenger Vacuum Pump. 127,400 Miles 1 Owner. Very good condition, well maintained. Ready to go to work. Please serious inquiries only. **\$81,995 608-369-2458 (P05)**



**2024 Mack MD6/7** - 6.7L Cummins/Allison 2500, in stock and made for pumping with an air ride suspension, diff locks, 26k or 33k GVWR, chrome package etc... 1800-2500 gallon carbon steel or aluminum tanks with your choice of pump - Call Jonathan @ 501-388-9565 or email **Jonathan.Ironvac@gmail.com for new made to order units and stock units of all sizes. (P05)**



**2024 Peterbilt 548** - L9 Cummins/Allison 3000, in production and made for pumping with an air-ride suspension, diff locks, 66k GVWR, chrome package etc... 4,000-gallon Aluminum tank with your choice of pump - **Call Jonathan @ 501-388-9565 or email Jonathan.Ironvac@gmail.com (P05)**



**Tank Size: 2500 gallons** Make: International Model: Durastar Year: 2008. Price: \$38000. VIN: 1HTMMAAN99H099277. GVW: 32900. USDOT: 3801606. Engine: MAXX FORCE DT A Engine Model Number: GDT245 Mileage: 238K. Brake Horsepower: 245 @ 2300 RPM. **Contact Information: 208-949-3867 (P05)**



**2006 F650 Cummins/Allison** auto 139k miles 2k steel tank heated collars, Jurop PN 84 pump, 4400psi gas powered jetter 200' reel with built-in antifreeze tank. Truck was built a few years ago so it's ready for work and needs nothing. **Asking 56k OBO 845-656-9200. (P05)**



**2015 International 7500 SBA 6x4** Eaton Fuller 10 speed-manual, axles with full lockers. 4,000-gallon waste aluminum tank with 75 gallon freshwater wash down tank. 350 HP-deleted DPF maxforce motor. This is an "Imperial" build truck. 6 inch discharge with 2, 4 inch loading valves. Heated collars all the way around NVE 4307 Blower pump. 241,800 miles. No drips, everything works as should, tires are about 80 percent. Truck is always stored in temperature controlled shop. All hoses and surplus maintenance items come with (oil filter, oil, manual(s) for all add ons ect.) . Lime injector and box added for land application. DOT inspection completed 02/22/24. **Ready to work!! Price \$98,900. Serious inquiries only please. Call or text 608-547-2887 (P05)**



**1998 MACK 600. 427 hp.** 13 speed Allison transmission MACK 600 1998 \$29,950. MASSPORT water cooled 3400 gal. Indiana tank. 2-4' outlets and 1 3". mack e-7/8 engine, turbo. Engine brake. Cold start video available. Text Greg for pics and video. 360-689-3119. Bremerton, Washington state. Includes hoses and tools. **GREAT ENGINE under 10k hours (P05)**

Coming in May! 2024 Peterbilt 548 cab & chassis with 4,000 gallon, Aluminum tank & NVE 887 pump package Stock #14150. **www.VacuumSalesInc.com, (888) VAC-UNIT (822-8648). (PBM)**



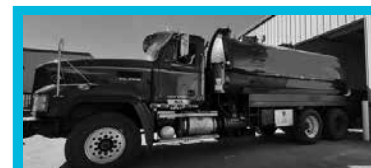
**2014 Freightliner Cascadia 125** Truck. New 2500-gallon tank, Jurop pump, Detroit DD15 motor, automatic transmission, Cold air, Air ride, 60% rubber on tires, **450,000 miles, \$65,000. 800-721-2774 (PBM)**



**2006 Peterbuilt** with a Cummins 410hp motor. Eaton Fuller 10spd transmission. 3,600 gallon waste aluminum tank, with a fruit land pump. 6" discharge with 4" loading valve. Everything works as it should, new tires and brakes. Tank and rims are all freshly polished and truck is very clean. All hoses do come with the truck as well as any surplus maintenance items (oil filters, fuel filters). **PRICE: 68k obo Ready for work! Call 517-546-2268 (P05)**



**2022 Freightliner M2** 196,735 miles. Cummins engine. Allison automatic transmission. This truck will be getting a new 2,000 gallon tank installed pared with a new masport viper pump, Dimond plated hose tray, Dimond plated tool box, new rim new tires. Any color you would like to paint the truck included in price. Asking \$88,500 City truck Sales **786-723-9977 Exclusivequalitytrucks@gmail.com https://www.citytrucksale.com/ (P05)**



**2001 Mack CL700**, 8ll transmission, 338,419 miles Transway pump, front lift tank, runs great asking **\$59,900.00 OBO (866) 720-4999. (PBM)**

**Pumper Classifieds Work!**



**2002 Int, D1466, 335k**, Allison auto, air-brakes, AC, cruise, 26,000 gvw, 2000 gal tank, 1250/750, Jurup PN84 vac pump, DC10 water pump and hose reel. Very good running truck, equipment in excellent shape. Tank could easily be opened up for septic. **\$27,500.00 Hulls Truck Bodies LLC 740-820-5338 (P05)**



**Selling our very well maintained 2016 International Prostar** with an isx 425 h.p. Cummins and an Eaton fuller super 10 speed, approx 350k miles, fresh service, fresh D.O.T. like new 3,200-gallon vac tank, air shift p.t.o., Jake, cruise, ice cold air, full lockers, air ride, aluminum rims, very good rubber and brakes, virtually a spotless ready to work beautiful truck. Can deliver anywhere for the fee. **Asking \$79,900..serious buyers only please call 608-558-0870. (P05)**



**1989 Pump Truck** with approx a little over 100,000. With a 2,500-gal. Abernathy welding tank. A remanufactured 7.8L Brazilian diesel motor. Motor runs great. Has a Masport H400W pump. Needs work done on the pump. **Price 13,500 OBO. Contact Tim Porter 804-640-3606 Text ok (P05)**

1992 International 2554 cab & chassis with a Keith Huber, Dominator 3,300 U.S. gallon, C/S, Full open rear door, dump unit with a Wittig LPK100 vacuum pump Stock # 1298C **www.VacuumSalesInc.com, (888) VAC-UNIT (822-8648). (PBM)**

Coming in May! 2024 Peterbilt 548 cab & chassis with 4,000 gallon, Aluminum tank & NVE 887 pump package Stock #14150. **www.VacuumSalesInc.com, (888) VAC-UNIT (822-8648). (PBM)**

2012 Chevy 3500 HD with a 600-gallon, carbon steel, vacuum Tank & Fruitland RCF500 pump package. Stock# 9187C **www.VacuumSalesInc.com, (888) VAC-UNIT (822-8648). (PBM)**

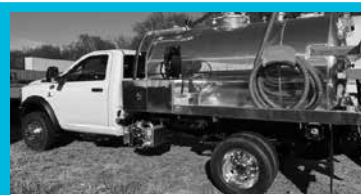
2005 Freightliner tri-axle – Cat C13 engine and 8LL transmission with a Keith Huber 4,000 gallon, full open rear door, dumping Type tank & Becker 440 pump package. Stock# 9681V **www.VacuumSalesInc.com, (888) VAC-UNIT (822-8648). (PBM)**



**2004 Freightliner M2 Pump Truck.** 1400-gallon New Tank and Pump, new hoses, lights and valves. Color is White. Air Ride, Automatic Transmission 2500 Allison, C7 CAT Motor, Radio, 65% Rubber on tires. Mileage: 197,000. **\$30,000 Firm. 800-721-2774 (PBM)**

2003 Peterbilt 330 cab & chassis with an Andert 3,500 U.S. gallon, C/S, vacuum tank & Fruitland RCF500 vacuum pump Stock # 2635 **www.VacuumSalesInc.com, (888) VAC-UNIT (822-8648). (PBM)**

1997 Peterbilt 378 cab & chassis with a Presvac 3,000 U.S. gallon, C/S, vacuum tank & Masport HXL15WV water cooled pump. (Stock #6625C). **www.vacuumsalesinc.com (888)VAC-UNIT (822-8648). (PBM)**



**New 2024 Dodge Ram 5500** with Aluminum 1250 gallon tank 900 waste/350 fresh Masport Pump Heated valves Toilet Rack water hose, suction hose, tool boxes, water pump, etc. **Call Rodney at 270-832-3793 (PBM)**

1997 Ford with Cusco 3,200-gallon DOT certified dump and door liquid vacuum truck. Cummins engine with Moro M9 vacuum pump. Runs and pumps excellent. \$21,500. KLM Companies 617-909-9044 (PBM)

Pre-Owned 2,500 U.S.-gallon, carbon steel, vacuum tank. **www.VacuumSalesInc.com, (888) VAC-UNIT (822-8648). (PBM)**

2005 Keith Huber Dominator, 4,000 U.S. gallon, dump type unit, with a Wittig RFL100 hydraulic driven vacuum pump. Stock# 004SV. **www.VacuumSalesInc.com, (888) VAC-UNIT (822-8648). (PBM)**



**2016 Freightliner Cascadia**, Cummins ISX 450hp, automatic, 455k miles, NEW 3,500-gallon vacuum tank, NEW NVE607 380 CFM vacuum pump, aluminum rims, truck serviced, DOT inspected, can be delivered. **\$105,000. Phoenix Truck Center 404-844-8968 or 678-371-4782. (PBM)**

2003 Peterbilt 330 cab & chassis with an Andert 3,500 U.S. gallon, C/C, vacuum tank & Fruitland RCF500 vacuum pump. Stock # 2635 **www.VacuumSalesInc.com, (888) VAC-UNIT (822-8648). (PBM)**

Pre owned 3,600 U.S. gallon, Aluminum vacuum tank; with a Presvac PV750 vacuum-pressure pump installed on a 2004 Peterbilt 330 cab and chassis. Stock #1693 **www.VacuumSalesInc.com, (888) VAC-UNIT (822-8648). (PBM)**

### SERVICE AND REPAIR

Dynamic Repairs - Inspection Camera Repairs: 48-hr. turn-around time. General Wire, Ratech, Ridgid, Hathorn, Electric Eel, Gator Cams, Insight Vision, Vision Intruders. Quality service on all brands. Rental equipment available. For more info. call Jack at 973-478-0893. Lodi, New Jersey. **www.dynamicrepairs.biz (PBM)**

### SLIDE-IN UNITS



**550-gallon steel slide in**, 100-gallon poly water tank. Masport HXL-3V vacuum pump w/9-HP Honda engine. 30' of 2" waste hose, 50' garden hose on hose reel. Toico water pump, 3" discharge. 7,000-lb GVWR tandem axle trailer. **Call our sales office at 800-558-2945, salesinfo@imperialind.com. (PBM)**

Pre-owned 2,500 U.S. gallon, carbon steel, vacuum tank. Stock# 0668V **www.vacuumsalesinc.com (888)VAC-UNIT (822-8648). (PBM)**

### TANKS



**Satellite tank.** 950-gallon. Used Fabian **720-436-3910. (PBM)**



**Complete slide in tanks** of various sizes. Please call Rodney at **270-832-3793 for more information. (PBM)**

Tanks in stock and available for immediate purchase. Prices start at \$16,000 for a 2500-gallon tank. Complete and ready to place on your truck. Call J Eagle Tanks 1-800-721-2774 (PBM)



**Tanks in stock**, ready to ship out or let us install it for you. Restroom, septic, grease in stock with mounting kits. **Call 888-6VACTANK today! (PBM)**



**Complete Steel Vacuum Tanks** available 800-5,000-gallon. All prices are not the same. We deliver anywhere. **J Eagle Tanks 800-721-2774 www.Jeagletanks.com (PBM)**

### TOOLS

T&T Tools: Probes, Hooks. Probes feature steel shafts with threaded and hardened tips. The insulated Mighty Probe™ tested to 50,000 volts. Top Poppers™ open manhole covers easily. Free catalog. **www.TandT-tools.com. Phone 800-521-6893. (PBM)**

Crust Busters - Portable, lightweight machine guaranteed to mix up septic tanks and grease traps! Save time and money! [www.crustbusters.com](http://www.crustbusters.com), 1-888-878-2296. (PBM)

### TOYS

Septic pumper and vacuum die-cast toy trucks in your choice of colors and logos. Several cabs available. Call 603-899-6842, write to Granite State Collectibles, 89 Kimball RD, Ridge, NH 03064; or [www.granitestatecollectibles.com](http://www.granitestatecollectibles.com). (PBM)

### TRAILERS-VACUUM TANKER



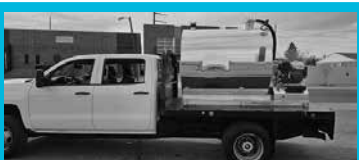
**In stock, 6000- and 6300-gallon aluminum single-compartment Imperial vacuum trailers. Call Cory 800-558-2945 Ext. 426 (PBM)**

1989 Petrosteel 5,500-gallon, carbon steel, vacuum tank trailer. Stock# 1146C [www.VacuumSalesinc.com](http://www.VacuumSalesinc.com), (888) VAC-UNIT (822-8648). (PBM)

### TRUCKS (DUMP, SEPTIC, MISC.)



**2008 F450.** Diesel engine automatic with a brand new tank. 4x4. 600-gallon 400/200 **Fabian:720 436 3910 (PBM)**



**2018 Chevy 3500HD.** Diesel engine, automatic, low miles. 4x4. 600-gallon tank, brand new 400/200. **Call Fabian 720-436-3910 . (PBM)**



**93 Ford F800** 32,000 miles. 2,000 gallon tank. cdl truck **Fabian 720 436 3910. (PBM)**



**1997 International 4900, DT466E,** manual, 137,167 miles, 14,467 hrs. New 2,300-gallon tank in 2020. Ready to work. **413-244-8493. \$25,000 OBO. (P05)**



**2018 Kenworth T3 2500 Vacuum Pump truck.** 173,034 miles. Asking **\$67,000 OBO. Mike Pires RP Environmental Inc. (559)707-0991. (P05)**



**2014 Peterbilt 365,** 400hp ISX12 CNG Fueled. Allison 6 speed-auto. Air ride suspension. Odometer reading 158,221 miles. 3600-gallon, single compartment aluminum tank with front hoist. Rear opening tank door bulkhead. Fruitland, hydraulic drive, RCFH500 pump. Pump flush kit. 4" inlet valve and 6" discharge valve, both have electric heated collars. Rear strobe light and toolbox. Hydraulic drive system for pump and hoist. Recently checked by the Peterbilt dealership. Truck is located in Cleveland, Ohio. **Priced at \$80,000. Please call or text for any other information. 757-470-9090. (P05)**



**2021 International CV 515 4 X 4.** New 600 waste/200 fresh slide in tank. 25,000 miles. Still under warranty. Reese hitch carrier for 2 portable units. **\$90,000.00 Please call Rodney Lane 270-832-3793 (PBM)**

**Submit your classified ad online!** [www.pumper.com/classifieds/place\\_ad](http://www.pumper.com/classifieds/place_ad)



**2012 Caterpillar 6T660s** Has 393,111 miles with 4700G Steel Tank, Masport Vane Pump with heated valves 4" and 6" connections Air Ride, Power Windows, ready to work. **This is a Very dependable everyday truck well maintained and serviced Regularly. (P05)**



**2009 Hino Diesel 268.** New Allison transmission. 2 year warranty 1500/waste500/water. Masport Dc10 wash down 2 unit carrier. **Fabian 720-436-3910 (PBM)**



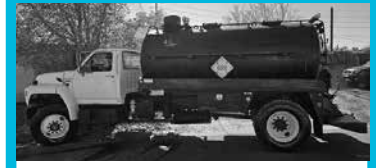
**2019 MV607 Int. Cummins,** Allison, 155, 500 miles, 500/1500 aluminum tank. TSI Tank Services, Inc. **866-720-4999 (PBM)**



**2024 Freightliner 108SD** with 4,000-gallon steel tank. Cummins Motor 58,000 GVW 20,000 lift. \$207,000.00 Plus FET Tax. **Call Rodney Lane 270-832-3793 (PBM)**

**Pumper CLASSIFIEDS!**  
[www.pumper.com](http://www.pumper.com)

**Pumper Classifieds Work!**



**1993 f800 32,000 miles** 8.3 Cummin auto 2000 gallon Thompson tank with piston pump model J none certified hazmat tank. **Fabian 720-436-3910 (PBM)**

### TV INSPECTION

New IBAK Mainline pipe line inspection system with Orion; Nanopan; tilt cameras, T66; T76 tractors, BS7 control unit, 1,000 foot cable, LISY lateral launch Mounted in a 14' commercial FRP conversion box van With power retractable rear canopy; wall heater - Mounted on a Ford E-450 Stock# 14085 [www.vacuumsalesinc.com](http://www.vacuumsalesinc.com) (888)VAC-UNIT (822-8648) (PBM)

### VACUUM LOADERS



**2008 Guzzler Classic Wet/Dry** with Sterling Cab and pre-emission Cat C13 motor, Hixon 27" blower. No rust, no rot, body,blower overall condition like new. Exceptional Condition 20,000 Miles and **3400 hours KLM Companies 617-909-9044. (PBM)**

# Pumper

PUMPER'S MONTHLY CIRCULATION REACHES

**20,000+ READERS!**

LIST YOUR EQUIPMENT IN PUMPER CLASSIFIEDS!

[www.pumper.com/classifieds/place\\_ad](http://www.pumper.com/classifieds/place_ad)

It's your magazine.  
Tell your story.



*Pumper* welcomes news about your installations of residential and commercial septic systems, providing portable sanitation services and performing industrial vacuum services for future articles.

**Pumper**

Send your ideas to  
[editor@pumper.com](mailto:editor@pumper.com)  
or call 800.257.7222

# GO WITH THE PROS BUY IMPERIAL

#1 TANK MANUFACTURER FOR OVER 42 YEARS



IMPERIAL  
INDUSTRIES INC

CALL FOR PRICING!



## 2024 MACK MD6

Aluminum 1850-Gallon Vacuum Tank, NVE B500 Blower,  
Allison 2500RDS Transmission, Cummins B 240HP Engine



## 2024 FREIGHTLINER M2

4000-Gallon Aluminum Vacuum Tank, NVE 4310 Blower,  
Allison Automatic Transmission, Cummins L9 350HP Engine



## 2024 PETE 567

5000-Gallon Aluminum Vacuum Tank, NVE 4310 Blower,  
Cummins X-15 500HP Engine



## 2024 INTERNATIONAL MV607

2500-Gallon Aluminum Vacuum Tank, NVE607 Vacuum  
Pump, Cummins L9 300HP Engine, 33,000 GVWR

1-800-558-2945

salesinfo@imperialind.com

imperialind.com  
septictruckcenter.com



IMPERIAL  
INDUSTRIES INC  
PARSONS, KS



IMPERIAL  
INDUSTRIES INC



# PRESVAC SYSTEMS

STEP UP TO A BLOWER WITH THE PRESVAC POWERVAC MINI



## **Powervac Mini**

- > Load Deep Pulls  
And/Or  
Long Distances  
With Ease
- > Continuous  
Duty Performance  
At Maximum Vacuum
- > Oil Free Blower  
Exhaust Air
- > Rapid Tank Evacuation  
And Extremely Short  
Recovery Times
- > Blower Options:  
Robuschi, Hibon,  
National Vacuum  
& Jurup
- > CFM Range:  
500 – 1650 CFM
- > No Loss  
Of Payload  
Capacity
- > Hydraulic/Belt/  
Gearbox  
Drive Via  
Chassis PTO
- > With The Many  
Options We Provide,  
We Create A Unique  
Solution Tailored  
To Your Requirements

**Quality...**  
...is our Trademark

**Established 1972**



4131 Morris Drive  
Burlington, Ontario, Canada L7L 5L5  
Fax: 905-681-0411

Nationwide Sales & Service

**800-387-7763 | 905-637-2353 | [www.presvac.com](http://www.presvac.com)**