



The Hopper

The Official Newsletter of the North American Power Sweeping Association

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NAPSA Partners

Gold	Schwarze Industries TYMCO, Inc. Elgin Sweeper Company Johnston North America
Silver	Nite-Hawk Sweepers Visual App
Bronze	Crum & Forster United Rotary Brush Corp. Stewart-Amos Sweeper Co. 1-800-SWEEPER

Call for Content

THE HOPPER, the official newsletter for NAPSA, warmly welcomes article ideas, content, and photos submitted by members. Don't be shy. This is **your** newsletter. Send content, high-resolution pictures, and ideas to the attention of the editor at info@powersweeping.org.

Helping Hurricane Victims

By Schwarze Industries

**1-800-SWEEPER
Foundation and
Schwarze Industries
Host Hurricane
Recovery Raffle**

September 18, 2017, Toledo, Ohio: Following the devastation created by Hurricanes Harvey and Irma, the power sweeping industry has come together to offer needed cash donations to our fellow Americans who need help. Schwarze Industries, together with the 1-800-SWEEPER Foundation, has created a unique opportunity for NAPSA members and others to contribute to the Red Cross Hurricane Relief effort following these catastrophic weather events occurring in August and September 2017.

The Hurricane Recovery Raffle offers a chance to win a brand new Schwarze Supervac Updraft power sweeper, valued at \$68,900, as the top prize. Tickets are \$100 each. Municipalities, landscape companies, professional power sweeping companies, and other service industries are encouraged to participate based on the high value and nearly universal industry appeal of the top prize. Second prize, valued at \$7,000, is a complete SweeperSim hardware and software package created by

1-800-SWEEPER for sweeper operator driver training simulation. Only 1,000 tickets are available.

According to Greg Heyer, V.P of Sales for Schwarze Industries, the lead sponsor, "The 1-800-SWEEPER Foundation and

Schwarze Industries has made it a priority to provide an industry unifying vehicle to help support and be there for our friends and families affected by Harvey and Irma."

"We thank you in advance for your compassion and commitment to helping communities affected by these historic storms," Mike Lucht added, on behalf of the 1-800-SWEEPER Foundation. "Many of the partners, in our 1-800-SWEEPER organization, witnessed first-hand the damage caused from the storms and are now directly involved in the cleanup efforts. 1-800-SWEEPER created the 1-800-SWEEPER Foundation in part to help local areas across the United States following catastrophic natural disasters."

Net proceeds from the raffle will

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New Features and Technologies Improve Sweeper Safety

By James Crockett, Sweeper Products Manager, Elgin Sweeper

When sweeper operators turn the key on their street sweepers, they take on a lot of responsibility, not only for themselves, but for those around them also. As sweeper performance continues to improve, so do safety measures and precautions.

Street sweepers should always be equipped with proper safety features to support the machine's performance capabilities.

Sweeper Safety features

Many sweeper customers specify additional safety systems that are tailored for specific applications and work environments, including a number of common safety elements:

- Backup alarm
- Rear-view camera
- Side cameras
- A variety of mirror configurations to reduce blind spots
- Both chassis and sweeper lighting packages, including standardized LED lighting
- In-cab warning light indicators to provide operators with advanced notice of equipment status
- Reflective decals
- Hopper, hopper scissors and door safety props
- Rear-axle airbags, which deflate prior to dumping on our mechanical sweepers, for greater stability
- Alarm to alert the operator to acceptable gradients when dumping on an incline
- Overload switches to alert the operator of overweight payload conditions
- Control interlocks to ensure that dumping is only performed when the sweeper



Elgin Sweeper lighting options.

- is in neutral and the parking brake is set
- Dump controls on the curb side of the sweeper to keep the operator away from moving linkages, debris and adjacent traffic
- Dust suppression system to reduce risk of clouded/obscured vision.

Increased Lighting

Lighting is one of the most essential safety features on a street sweeper. The human eye is attracted to light, which is why sweepers are equipped with directional, stop, safety and work lights. Increased lighting on a sweeper helps improve visibility to the work area—especially during early morning and evening hours—but it also increases visibility and awareness for pedestrians, bystanders and other drivers, alerting them to the presence of the street sweeper.

Even though lighting is important for this very reason, a loud, OSHA-approved backup alarm is also required. Both are essential for increasing pedestrian awareness of a street sweeper in the vicinity.

Enhanced Visibility

Many street sweeper accidents and injuries are caused by poor vis-

ibility. Street sweepers often need to negotiate tight spots and make critical maneuvers, which require good visibility to the front, sides and rear of the machine, as well as to the traffic and work areas.

Rear-view and side mirrors are important, but they don't provide complete visibility. A rear-view camera helps to eliminate rear blind spots and provides greater visibility to the

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CIRCULATION

As of February 1, 2017, members of the North American Power Sweeping Association may receive THE HOPPER as a part of their paid membership. THE HOPPER is an official publication of the North American Power Sweeping Association and is published bi-monthly.

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be donated directly to the Red Cross to contribute to the needs those directly impacted by these devastating storms. The drawing of the winning raffle tickets will be held during the National Pavement Expo in Cleveland, Ohio on February 8, 2018. With only 1,000 tickets available, odds of winning one of the two prizes is 1 in 500. Ticket sales will end on February 7th, 2018. Purchase raffle tickets online at www.1800sweeper-foundation.com. All payments are encrypted and secure.

About Schwarze Industries:

For over 43 years in the street sweeping business, Schwarze Industries has been committed to providing an exceptional level of customer support. Schwarze offers one of the most comprehensive lines of equipment in the power sweeping business. For additional information, visit the Schwarze® website at www.schwarze.com.

About the 1-800-SWEEPER Foundation:

The 1-800-SWEEPER Foundation is a 501(c)3 charitable organization, created by the 1-800-SWEEPER organization. It supports humanitarian disaster relief, environmental education, community beautification projects and local Wounded Warriors programs. Additional information is available at www.1800sweeper.com/about-us/1-800-sweeper-foundation.

Wrapping up another year at the helm of this ship we call NAPSA, I see a lot of work done and goals accomplished. I am proud of the time spent in the president's chair, and I'm dreaming of all that we can accomplish for 2018. The group of folks who have raised their hands to work on NAPSA projects makes this job one of the most satisfying that I have, so I really must thank them for their time and effort.

The new slate of directors for 2018 are a great bunch. Their enthusiasm inspires me! The 2018 NAPSA Board of Directors will include the following: President - Pete Phillips, *Clean Sweep, Chattanooga, TN*; Vice President - Scott Duscher, *Agua Trucks, Hitchfield Park, AZ*; Past President - Sylvia Richards, *Asphalt Enterprises, Raleigh, NC*; Secretary - Mark Carter, *Peloton Sweeping, Orange, CA*; Treasurer - Bryan Young, *TYMCO, Waco, TX*; Latasha Crenshaw, *AC Sweepers and Maintenance, Kennesaw, GA*; Chris Dick, *Katsam Enterprises, St. Louis, MO*; Greg Heyer, *Schwarze Industries, Huntsville, AL*; Rich Katz, *TKG Sweeping & Service, Waukegan, IL*; David McCaskill, *AccuSweep Services, Columbia, SC*; Jeff

President's Corner



Old, *Visual App, Richardson, TX*; Jay Presutti, *East Coast Industrial Service, Pine Bush, NY*; Brad Ross, *Ross Industries, York, PA*; Doug Seto, *Nite-Hawk Sweepers, Kent, WA*; Gabe Vitale, *C & L Sweeper Service, Jackson, NJ*.

Each of these dedicated individuals is here for you and for me. They lead this industry by listening to your needs. Please feel free to reach out to any board member with questions or comments. Links for board members can also be found on the governance page of the NAPSA website.

NAPSA is blessed to have other team members who worked hard on projects. I would like to thank them as well:

Legislative Standards Team:

Scott Cerosky, *Crum & Forster, Brewster, NY*; David McCaskill, *AccuSweep Services, Columbia, SC*; Jay Presutti, *East Coast Industrial Service, Pine Bush, NY*; Gabe Vitale, *C & L Sweeper Service, Jackson, NJ*.

Certified Sweeper Operator Team: Mark Carter, *Peloton Sweeping*; Scott Duscher, *Agua Trucks*; Sylvia Richards, *Asphalt Enterprises*; Bryan Young, *TYMCO*; Latasha Crenshaw, *AC Sweepers and Maintenance*; Chris Dick, *Katsam Enterprises*; Greg Heyer, *Schwarze Industries*; Rich Katz, *TKG Sweeping & Service*; David McCaskill, *AccuSweep Services*; Jeff Old, *Visual App*; Jay Presutti, *East Coast Industrial Service*; Brad Ross, *Ross Industries*; Doug Seto, *Nite-Hawk Sweepers*; Gabe Vitale, *C & L Sweeper Service*; Lauren McCaskill, *Southco*; Cheryl Monroe, *Sweep Masters*; Chris Griffin, *C & M Parking Lot Sweepers*; Giovanni Recalde, *Atlantic Sweeping Service*; Terry Dodd, *EnviroSweep*.

We appreciate and value each and every one of our volunteer leaders!

Peter Phillips
Clean Sweep

New Members

NAPSA warmly welcomes the following new members who joined in September of 2017.

Container Systems & Equipment Co., Inc.

William Young
506 Bellevue Avenue
Daytona, FL 32114
(386) 253-5555
byoung@containersys.com

Environmental Equipment & Services, Inc.

Alan Walford
27365 Zachary Avenue
Elko, MN 55020
(952) 461-3650
email@environmentalequipment.com

King Sweeping Service

Sam Namu
746 S. Anza Street, Suite B
El Cajon, CA 92020
(619) 319-0202
sam.namu@yahoo.com

Miller Sweeping Service

Hal Miller
3509 Sorter Drive
Guntersville, AL 35976
(256) 572-4854
halmiller@hotmail.com

PartnerMember Profile

Johnston Sweepers

Quarries make for lots of thick, choking dust. The quarry owned by the Johnston brothers drew complaints from neighbors, and they decided to do something about it. In 1924, the brothers developed a dust collection machine that launched the company now known as Johnston Sweepers.

Originating in the United Kingdom, Johnston Sweepers boasts a history of innovation. In 1958, the company was the first manufacturer in the world to produce a pure vacuum sweeper. Today, their research and development laboratory is focused on producing an all-electric, heavy duty power sweeper that will not only reduce emissions and improve fuel economy, it will also reduce overall vehicle weight and maintenance requirements.

"I expect to see these new machines in regular production in the next two or three years," General Manager Todd W. Parsons stated.

The company is based in the United Kingdom as a part of the Bucher Municipal division of Bucher Industries, a Swiss conglomerate that designs and manufactures agricultural machinery, municipal equipment, hydraulics, glass forming equipment, and winemaking and fruit juice making equipment.

Even though the \$2.5 billion

Continued next page

Special Waste Alert

By Karen M. Smith

The State of Tennessee has tightened restrictions on "special waste" which, in plain terms, can be defined as waste that has not been specifically identified as toxic or corrosive, but could be. Special waste includes combustibles, commercial chemicals, contaminated debris, pesticides, pharmaceuticals, sludges, and so forth. The Tennessee Department of

Environment and Conservation Division of Solid Waste Management offers an extensive and helpful list of categories for download: https://www.tn.gov/assets/entities/environment/attachments/sw_pn135-special-waste-guidance.pdf.

Governmental concern with re-

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corporation has its fingers in a lot of proverbial pies, Parsons described the company as having a distinctive entrepreneurial spirit. Its decentralized management enables each division the agility to respond quickly and decisively to client needs, whether those clients be municipal governments or contractors. This management style heightens respon-

sibility and accountability among the company's five divisions, as well as affords it the flexibility to transfer funding where needed for new product development and product customization.

"Although we're a high volume manufacturer," Parsons explained, "we also customize for individual clients. Decentralized management

allows us to to that."

Johnston Sweeper's involvement with NAPSA affords power sweeping contractors and their clients direct line to problem solving experts in the customization of equipment. Parsons mentioned a client faced with the problem of contractors being unable to meet deadlines on a massive bridge construction project. They needed machines that could clean in one pass a bridge under construction and leave the surface ready for a paving contractor. Challenge accepted!

Working with the specialized requirements needed to perform the work while meeting a tight construction deadline, Johnston Sweeper developed a solution that involved an industrial strength, high pressure water system on the front bumper that worked in addition to the vacuum and other mechanical equipment on a single vehicle.

In another situation, Parsons recounted, a contractor needed equipment that could handle a variety of power sweeping applications: bridges, tunnels, and open highways. Johnston Sweepers met that challenge, too.

With an eye toward continuous improvement of performance and fuel efficiency while taking into consideration vehicle weight and reducing maintenance, Johnston Sweepers reports great success and acceptance of their new, single engine mechanical sweeper. Instead of a main engine and auxiliary or "pony" engine to maintain--more parts means more mechanical failures--the new equipment fulfills those goals with reduced maintenance, better durability, effective power, and improve fuel efficiency.

Like all good manufacturers, Johnston Sweepers won't be resting on their laurels. Expect more great innovations and improvements in coming years.



WORD SEARCH

The Schwarze Word Search is a word game that consists of the letters of words placed in a grid. The objective of this puzzle is to find and mark all the words hidden inside the box. The words may be placed from left to right or right to left, either horizontally, vertically, or diagonally.

T Z U A I S H R O U D S S E B
H K J K N Y T W F X Q A D L A
G F D N S M H C D B B F I U R
I R G A P C O N S O L E K D M
L I T T E R F L A P S T S O A
R S L R C H E W W J D Y N M G
A W S E T R G P R X W C I R N
B B R T I A A N P G Y H G E E
Z K O A O Y U B I O V O G W T
V T R W N H J N Y P H C A O E
S H A N D H O S E A E K R P S
F A N H O U S I N G R E D Z U
A L D X O B L O O T L P W D Z
Z M O O R B R E T T U G S S U
R Y K N A T C I L U A R D Y H

SWEeper PARTS

CONSOLE
SWEEPINGHEAD
DRAGGINSKIDS
LITTERFLAPS
HOPPER
HANDHOSE
SAFETYCHOCK
SHROUD
INSPECTIONDOOR
GUTTERBROOM
~~BARMAGNET~~
TOOLBOX
POWERMODULE
FANHOUSING
HYDRAULICTANK
SPRAYBAR
WATERTANK
BARLIGHT

Special Waste continued from page 4

gard to special waste addresses the potential issue of improper disposal should such waste contain toxic or corrosive substances. Because power sweeping contractors don't usually sort through the debris picked up in the performance of their duties, the waste swept into their hoppers from roadways remains unsorted and unidentified and therefore "special."

Not all states address categorize street sweepings as special waste. Those that do, however, deem such waste as too hazardous to be dumped in a landfill. Peter Phillips of Clean Sweep remarked, "If it's too hazardous for a landfill, then we don't want it in catch basins or waterways."

Disposal of special waste imposes additional costs upon waste haulers who then pass the increased cost to the power sweeping contractors who use them to process and/or dispose of street sweepings. In Tennessee, the application fee for a permit to dump special waste is \$300, plus tipping fees.

Phillips notes that disposal fees paid to waste haulers have practically doubled: "Our fees went from \$38 per ton to \$70 per ton for processing." If possible, the increased costs are passed on to clients; however, contractors may find themselves needing to renegotiate their contracts to accommodate the dramatic rise in cost.

Phillips also advises contractors to know how and where their waste haulers dispose of street sweepings or special waste and to monitor them periodically. Contractors would do well to both know their state and local regulations and follow them to avoid punitive fines and other legal problems.

"Just be aware," he cautioned.



NAPSA

at NPE Cleveland | February 7-10, 2018

NAPSA at NPE 2018

By Nancy Terry, Executive Director

It's the time that you have been waiting for: National Pavement Expo registration time! Registration for NPE has started, and that means that NAPSA will be sharing our sweeping track! As you know, NAPSA members receive *free* and *greatly reduced* education at NPE just by providing their NAPSA member numbers.

Below is the sweepers training track:

Wednesday, February 7

- 1:00 – 2:30 PM (A02) Risk Management and Error Recovery Tools to Protect Your Company
- 3:00 – 4:30 PM (A07) Succession Planning Success: How to Develop Your Strategy
- 6:00 – 7:00 PM NAPSA Membership Meeting and Reception
- 7:00 – 10:00 PM Sweepers CASINO Night Out!

Thursday, February 8

- 8:00 – 9:30 AM (B14) Sweeper Maintenance for Reliability and Performance
- 9:30 – 12:30 PM (W7) Best Practices for Sweepers
- Improving Sweeping through Technology
- Sweeper Maintenance Tips
- Marketing and Environmen-

tal Compliance

- Adding Your First Manager: Tips, Tricks and Traps
- Standard Operating Procedures
- Structuring Sweeping Companies at All Levels
- 2:00 – 3:00 PM Sweeping Key Managers Group
- 3:00 – 4:00 PM Sweeping Chicks
- 4:45 – 5:45 PM Sweepers Round Table

Friday, February 9

- 9:00 – 12:00 PM (W10) Navigate & Differentiate to Accelerate Your Business in 2018
- 12:15 – 2:00 PM Certified Sweeping Company Luncheon

To get your first three free and two discounted sessions, be sure to use the group code (NAPSA) or follow this hyperlink: <https://registration.experiencevent.com/Show-PAV181?flow=attendee&MarketingCode=NAPSA>.

Registration for Sweepers Night Out and the Certified Sweeping Company Luncheon will be separate and have been included in this newsletter.

Contact the NAPSA office for assistance or information with registration for any of these events at 888-757-0130.

Certified Sweeper Operator

By Mark N. Carter, Peloton Sweeping

Safe driving in the power sweeping industry is critical. A huge part of operating safely starts with proper operator training. For a while now, we have been reporting that NAPSA was developing an online training program for operators. Well, we weren't kidding! NAPSA is in the middle of live beta testing and will launch it in conjunction with National Pavement Expo 2018 and have information available at the NAPSA booth 1338!

The Certified Sweeper Operator (CSO) program is the most complete training program available in the sweeping industry. NAPSA has focused on parking lot training for our inaugural program, but will be adding construction and municipality sweeping in the future. The 18 modules in the current parking lot program include the topics listed below; but, this program will grow as the training needs of operators grow:

- Overview
- Health
- Sweeper basics
- Vehicle pre-start
- Safe driving
- Accidents
- Paperwork, recordkeeping, and post-trip
- Sweeper operation
- Blowers and blowing tools



- Noise and dust issues
- Lot management
- Customer trash can management
- Dumping
- Washing
- People skills
- Airports
- Ethics
- The main thing.

The online training is only one part of the certification program. In addition to requiring 100 percent success on the online tests for each module, the operator will be required to sit for an oral exam administered by top level management, and the employer will need to verify that operator has achieved 1,000 continuous hours of accident- and injury-free sweeper operation. This translates to about six months of full-time work. Once completed, all three items will be submitted to NAPSA Headquarters, where the

operator will receive the official certification!

Our goal is to provide a comprehensive training tool to member companies that will augment their in-house training. Getting operators out on their own just two days sooner will more than pay for the program.

The refresher training for even seasoned veterans will be a valuable contribution to any sweeping company's ongoing efforts to provide training with very little input from management.

Better training actually leads to more job satisfaction for the operator, potentially reducing turnover, injuries and accidents.

An informational email with a link to our training website will be circulated when enrollment is ready to begin. Contact the NAPSA office with any questions, or stop by our booth at National Pavement Expo.



NAPSA

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rear of the sweeper, reducing the risk of injury and equipment or property damage. It's also important to regularly clean rear-view cameras. Even with sweepers that provide the operator with 360 degrees of visibility, a rear-view camera can continue to supplement the field of vision while also providing assistance in monitoring debris pickup performance.

Safety training

In addition to equipping sweepers with safety features, operator training can further ensure operator and machine safety. To assist our sweeper customers, Elgin Sweeper offers a comprehensive curriculum of hands-on and classroom training courses that focus on safety, service, repair and maintenance. Elgin Sweeper dealers also provide opera-

tor safety training to customers upon delivery of their new street sweeper. And while it may seem like common sense, we recommend that operators review their operator's manual.

While product safety features and operator training can help improve safety on the job, it's up to sweeper operators and their employers to ensure safe operations by conducting daily safety checks of their sweepers. Make sure procedures are in place in the event any problems or malfunctions are detected, including notifying a supervisor so the necessary repairs can be made.

About Elgin Sweeper

Sold and serviced through a network of more than 100 dealer locations worldwide, Elgin Sweeper



Elgin Sweeper monitor.

products offer a variety of general street maintenance, special industrial and airport applications. Elgin Sweeper offers municipalities, contractors and industries the most sweeper options in the country, using the latest sweeping technologies—mechanical, pure vacuum, regenerative air, alternative fuel and waterless dust control. Elgin Sweeper is a subsidiary of Federal Signal Corporation's Environmental Solutions Group. For more information, visit www.elginsweeper.com.