

Bergkamp Inc. Launches SP5E Spray Injection Pothole Patcher



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#### THE TILITYSOURCE U

Products and Services for Today's Electric, Telecom, and CATV Utilities

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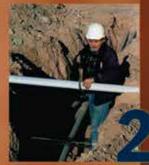
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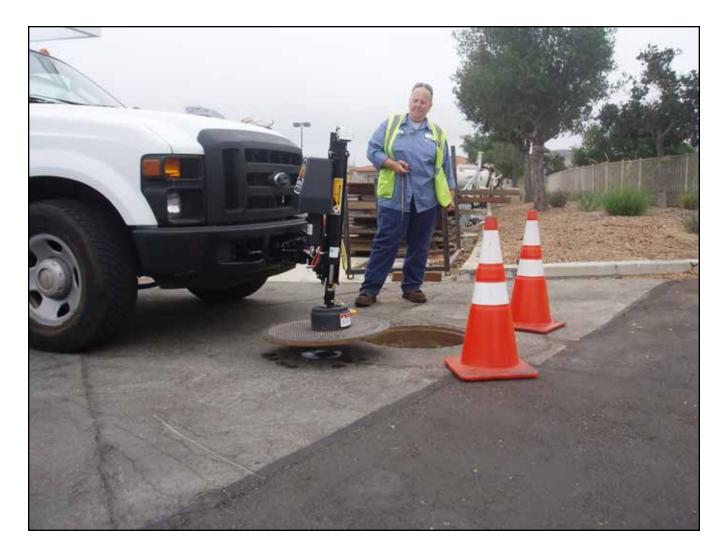
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Attached are photos of one of our senior Wastewater Utility Workers using The Lifter. She has worked for the City of Thousand Oaks for 27 years. The City is home to over 130,000 residents and owns/operates the entire wastewater collection system. Maintenance staff routinely clean and inspect over 8,500 maintenance holes and 500 miles of wastewater pipeline that convey approximately 10 MGD to the 100% self powered treatment plant.

Routine maintenance and inspection of the collection system involves removing the traffic rated maintenance covers which typically weigh 250 pounds or more. When considering the effects that lifting fatigue and repetitive motion have on the spine, safety of our employees is always a consideration. The idea of an electromagnet has been around for some time. I often associated an electromagnet with movies of scrap yards lifting vehicles up for recycling. While staff were using various fulcrums and experimenting with magnetic lifters, all of these tools still required some sort of fulcrum to assist with lifting. Considering the scrap yard analogy we thought, "why doesn't someone come up with a 12v electromagnet that can lift maintenance covers?" That's when we discovered Rock Mills Enterprises and The Lifter.



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Call Toll Free: 877-860-5666 International: 630-860-5666 We purchased one Lifter, had staff review it and used it in the field. Their response was extremely positive and we ended up purchasing another one. The Lifter is very simple to operate, has not presented on issue in the year it's been operating, and does not require the operator to exert any force to use. When you consider none of us are getting any younger and the cost of an average Workers' Compensation claim, purchasing a tool to lessen the chance of an injury makes sense and pays for itself many time over.

The Lifter has been an excellent investment from both a workplace safety and efficiency standpoint!

John P. Smallis Public Works Superintendent City of Thousand Oaks Thousand Oaks, CA





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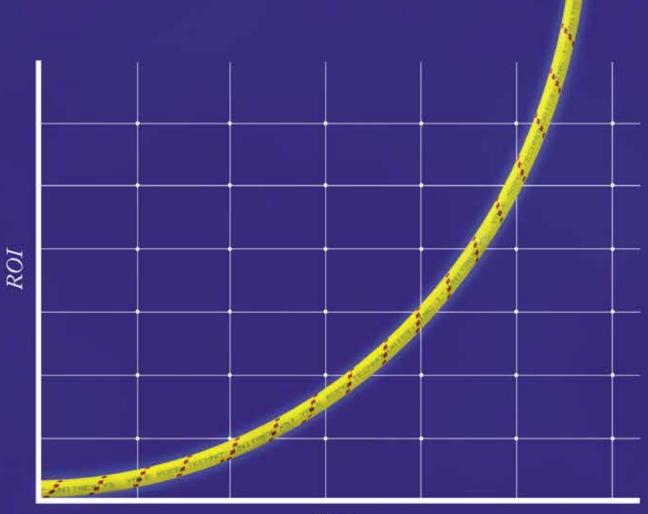
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### Bergkamp Inc. Launches SP5E Spray Injection Pothole Patcher

#### Updated model emphasizes safety, simplicity, sustainability, and superior pothole repairs

Bergkamp Inc., based in Salina, Kansas, announces the launch of its SP5E Spray Injection Pothole Patcher. The SP5E replaces the company's proven SP5 spray patcher and is a safer, simpler, and more sustainable pothole patcher model. With the SP5E, each repair takes just a few minutes, where traditional hot-mix patchers require much more time to complete a patch. Utilizing Bergkamp's exclusive SPECS (Smart Patching Equipment Control System), with industry-leading material mix control technology, units are equipped with a joystick and touch-screen display that provide full operator control. The SP5E is truck-mounted and is operated safely from inside the cab by just one operator — freeing crew members for other tasks. Because patching operations are PTO-driven, Bergkamp has been able to eliminate the traditional auxiliary engine. The result is less pollution, less noise, and reduced maintenance requirements.



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#### Safer by Design

Designed with safety for crew members and the traveling public as its first priority, the SP5E includes a number of unique safety features:

- One-person operation from inside the truck protects crew members.
- Asphalt repairs are handled from the front of the machine; traffic stays safely behind the patcher.
- SPECS monitors the front boom position, to help keep it in the safe operating zone.
- An automatic latching system allows the operator to secure the boom for safe travel without leaving the cab.
- Lights, arrow boards, and camera options (basic or 360-degrees) provide additional safety measures.

#### Simple and Efficient

The SP5E is simple to use. Operators require only minimal training, included at startup, to become proficient in producing quality pothole repairs. A new feature that lends to the unit's simplicity is Bergkamp's SPECS system, which controls material outputs according to a configurable mix design — improving the quality and repeatability of pothole repairs. A touchscreen provides easy-to-follow steps to simplify operation. Joystick controls have been developed for ease of use and efficiency. Bergkamp works closely with agencies to help them locate the proper emulsion and aggregate materials in their area.

#### Additional Updated Features

Choice of single- or dual-chamber aggregate hopper. As an industry-exclusive option, a dual-chamber aggregate hopper (user-configurable for 60/40 or 50/50 split) allows the distribution of two different gradations of aggregate for more effective repair of deeper potholes and to better match the characteristics of the existing asphalt pavement. With either single- or dual-chamber, the aggregate hopper total volumetric capacity is 5 yd3 (3.8 m3) struck. A 55-degree hopper wall angle allows material to flow steadily to the augers, eliminating the need for a vibration system. And in a feature exclusive



to the SP5E, aggregate can easily be unloaded from the hopper by removing a cover in the rear and operating the auger(s) in reverse.

Self-clearing spray head. Three emulsion nozzles in the spray head provide a homogeneous coating of aggregate with the asphalt emulsion. The spray head oscillates to deliver precise control and even distribution of patch material in the pothole, reducing the boom movement necessary to make the repair. The emulsion nozzles automatically blow out to self-clean after every patch, preventing nozzle blockages from developing.

#### B-FIT for Additional Security

Bergkamp offers customers peace of mind with its B-FIT (Follow up, Inspection, and Training) program, which provides a free onsite visit by a Bergkamp technician within the first year. During this visit, the technician will inspect the equipment and handle additional crew training. B-FIT offers extra assurance to agencies that they have made a safe, sound purchase decision. Following the first B-FIT visit, subsequent visits are available for an additional cost.

#### InPave® Provides Useful Data

The SP5E comes equipped with Bergkamp's exclusive telematics solution — InPave® Technology Pothole Patching Management System — which provides agency administrators with the most innovative and supported method to manage pothole patching data and costs for planning and budgetary purposes.

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Bergkamp Inc. has been manufacturing pavement maintenance equipment since 1980, and is the only manufacturer in the U.S. that offers a spray injection patcher and a flameless all-in-one pothole patcher. Bergkamp also builds a full line of truck-mounted, trailer-mounted and continuous slurry seal and micro surfacing pavers and equipment, as well as a line of equipment for laboratory research and testing. Bergkamp's headquarters and manufacturing facility are in Salina, Kansas, and works with customers throughout the world. For more information, contact Bergkamp Inc., 3040 Emulsion Drive, Salina, KS 67401; phone (785) 825-1375; fax (785) 825-4269; email government-sales@bergkampinc.com; or visit www.bergkampinc.com



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