

## **Analysis Shows “Next Gen” Inground Vehicle Lift Design Adds Strength, Cuts Installation Costs Up to 25% for Municipalities**

### *Modernization, Efficiency, and Compliance with OSHA Fuels Change*

Stevensville, MD ([PRWEB](#)) January 16, 2014 -- As a growing number of municipalities across North America tackle complex construction projects associated with their new vehicle maintenance facilities, inground vehicle lift engineers are increasingly focusing on new designs that substantially reduce costs and expedite the construction process, according to vehicle lift leader, Stertil-Koni.

“Fueling the change are multiple factors,” noted Dr. Jean Dellamore, president of Stertil-Koni. “The requirements for modernization, cost-savings and compliance with OSHA are also intersecting with the realities of an aging fleet of heavy duty [inground vehicle lifts](#) that are now reaching the end of their usable lives.”

Recent innovations in the company’s increasingly popular telescopic piston lifting system, DIAMOND LIFT, provide a glimpse into how transit agencies and fleets across North America are designing the next generation of vehicle maintenance facilities.

Explained Matthias Lennemann, a trained engineer and Sales Manager at Stertil-Koni, “One major source of savings in materials and labor with new construction is to implement a substantially more robust heavy-duty lift containment system that incorporates high-strength material with optimized design and strategically placed reinforcements. In that way, the lift containment does not have to be suspended from a grade beam and loads are more efficiently transferred into the base slab.”

A review by Stertil-Koni shows that such an approach can deliver cost savings up to 25 percent in the construction process associated with installing heavy duty in-ground piston lifts in new facilities. “In essence,” continued Lennemann, “the new approach is to build from the bottom up rather than suspending these large containment structures, which allows us to realize substantial savings in time and expense.”

Inground lifts such as the DIAMOND are engineered to leverage the best of an old-world lifting approach while integrating modern materials and the latest engineering approach for optimal performance and safety. In this case, the DIAMOND piston rods are hard-chrome plated for maximum protection against corrosion and wear, and the lift utilizes biodegradable oil. In another effort to build a more eco-friendly lifting system, the upper portion of the steel containment is hot galvanized, which provides corrosion resistance at floor level. Finally, the containments are coated with DiamondGuard to help prevent hazardous fluids from entering the environment.

About Stertil-Koni USA, Inc.

Stertil-Koni is the global market leader in heavy duty vehicle lifts – [bus lifts](#) and truck lifts – and is the preferred supplier to the world’s leading companies in the truck and bus industries. Stertil-Koni’s breadth of products meets all ranges of lifting needs and includes [mobile column lifts](#), two-post, four-post, [inground piston lifts](#), platform lifts, half-scissors and its innovative axle-engaging, inground, scissor lift configuration, ECOLIFT. Stertil-Koni has also recently begun installing the DIAMOND LIFT, a full rise telescopic piston lift designed to set new standards in precision heavy duty lifting. Stertil-Koni also recently introduced its new 2-post series, FREEDOM LIFT, with lifting capacities ranging from 16,000 to 30,000 lbs. Stertil-Koni is



headquartered in Stevensville, Maryland, has production facilities in Europe and the U.S. and is proud to have the greatest total number of ALI/ETL certified heavy-duty lifting products in the industry.



**Contact Information**

**Paul Feldman**

Stertil-Koni USA, Inc.

<http://www.Stertil-Koni.com>

+1 (410) 643-9001

**Online Web 2.0 Version**

You can read the online version of this press release [here](#).