

THE EDUCATIONAL SERVICES COMMISSION OF NEW JERSEY

HEAVY-DUTY IN-GROUND LIFT

ECOLIFT

The superior flexible solution with a lifting capacity of 30,000 lbs. per scissor and a total of 120,000 lbs.



KONN

ECOLIFT



stertil



STERIL
SUPERIOR SOLUTIONS

Superior Solutions



The benchmark for the in-ground scissor lift market, the ECOLIFT is available in a wide range of versions, giving you the freedom of choice for a variety of workshop situations. Whether you are building a new shop or renovating an existing one, the ECOLIFT is ideal. The ECOLIFT delivers the highest level of safety through accredited third-party testing and validation supervised by ALI (Automotive Lift Institute), resulting in a superior innovative lifting solution.

The Stertil Group provides customized and technically advanced solutions for heavy duty vehicle lifting requirements and loading bay equipment for customers throughout the world, including the best possible service from skilled local partners. These superior solutions are conceived, developed and implemented by a team of specialized professionals with highly advanced skills, training and unique expertise. Thanks to the quality of its people, entirely in-house production and its international organization, Stertil-Koni is the world's number one manufacturer in the field of heavy duty vehicle lifting.

Ultra-Shallow Construction

The shallow ECOLIFT foundation, which is only 34 inches deep, is actually less than half of the total lifting height. What's more, the lift foundation does not require any lift components to be embedded in concrete, which minimizes time and expense. This shallow foundation is the answer to situations with bedrock, high ground water or other difficult soil conditions.

Easy Installation

The ECOLIFT is the original re-locatable in-ground lifting system. Not only is the installation depth extremely low, the ECOLIFT is delivered on-site, pre-assembled and tested. The ECOLIFT is a drop-in and bolt-in design, which makes the installation quick and easy.

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Stertil-Koni In-Ground ECOLIFT

with ebright Smart Control System



HIGHEST
SAFETY LEVEL



TOUCH
SCREEN



ENVIRONMENTALLY
FRIENDLY



COMPLETELY
FLEXIBLE

Full-color touch screen control

The revolutionary **ebright Smart Control System** combines intuitive **ease of use** with maximum visual information about the lifting process. Main advantages include:

- Full-color 7-inch, high resolution display
- Display offers touch screen control and works even when wearing gloves
- All relevant information available at a glance
- User-configured options; such as choice of language, safety warnings and scheduled maintenance notifications
- Customizable user ID key to prevent unauthorized operation



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Continuous Recess™

Utilizing the Continuous Recess™ system, the ECOLIFT is designed to accommodate vehicles with extremely low ground clearance. The moveable lifting unit can recess below floor level anywhere within the travel range.

The pit covers are made from anodized aluminum and are equipped with a skid-resistant surface. The covers are capable of handling a wheel load of 13,500 lbs. as well as a point load from a support stand leg of up to 7,500 lbs. on a 2 x 2 inch contact area.

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The ECOLIFT lifts any fleet



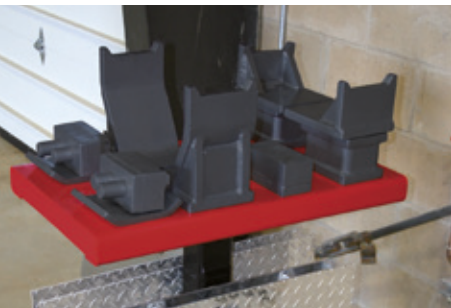
Innovative Design

The covers are driven hydraulically with an inverted rack and pinion system, sliding on a corrosion resistant, self-cleaning surface. An industry proven control system, with electronic synchronization utilizing real-time feedback, ensures smooth and safe operation. As standard, the control system includes a provision to restrict the

maximum lifting height. The ECOLIFT can be supplied in 2-, 3- and 4-scissor versions. The available ranges of horizontal travel for ECOLIFT moveable lifting units are 120 inches, 156 inches and 204 inches. This flexibility allows service of vehicles, including articulated buses, fire and rescue vehicles as well as multiple-axle trucks.

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Unique design provides maximum productivity



Maximum Safety

The ECOLIFT is designed with a robust mechanical locking system, independent of the hydraulic cylinder. The mechanical locking system is active throughout the lifting range. When lowered into the locks, the vehicle is fully supported, with no pressure remaining in the hydraulic system.

The unique lifting scissors are fabricated from 2-inch thick, high strength steel, providing an unparalleled level of stability and safety.

ECOLIFT utilizes high pressure, low volume cylinders requiring only 3.5 gallons of hydraulic fluid each, which reduces the carbon foot print of this revolutionary product.

Ready for the future

With its high lifting capacity, movable lifting units with Continuous Recess™ and broad range of adapters, the ECOLIFT is suitable for an ever changing vehicle fleet. Additionally, since the ECOLIFT is drop-in/bolt-in, it is easily relocated.

Options

- Detachable, wired remote control: Full function remote control, with emergency stop, operates in addition to standard controls on the console and is fully approved for use on the workshop floor. The result: convenient and safe spotting of the lift to the vehicle
- Adapters: Standard selection included. Special adapters are available



High resolution 7" touch screen

Intuitive controls



- Adapter stand or cart for safe and easy storage of adapters and cover plates
- Biodegradable hydraulic fluid
- Automatic Wheel Base Positioning (AWBP). The ECOLIFT can be equipped with a system that stores wheelbase data for easier lift setup. The user-friendly touch screen stores an infinite number of vehicle configurations, which in turn allows precise relocation of the moveable lifting units with the touch of a screen, thereby significantly reducing setup time
- The HOME light beacon, when illuminated, informs the operator when lifting units are fully lowered and it is safe for the vehicle to enter or exit the bay
- Special lift configurations are available

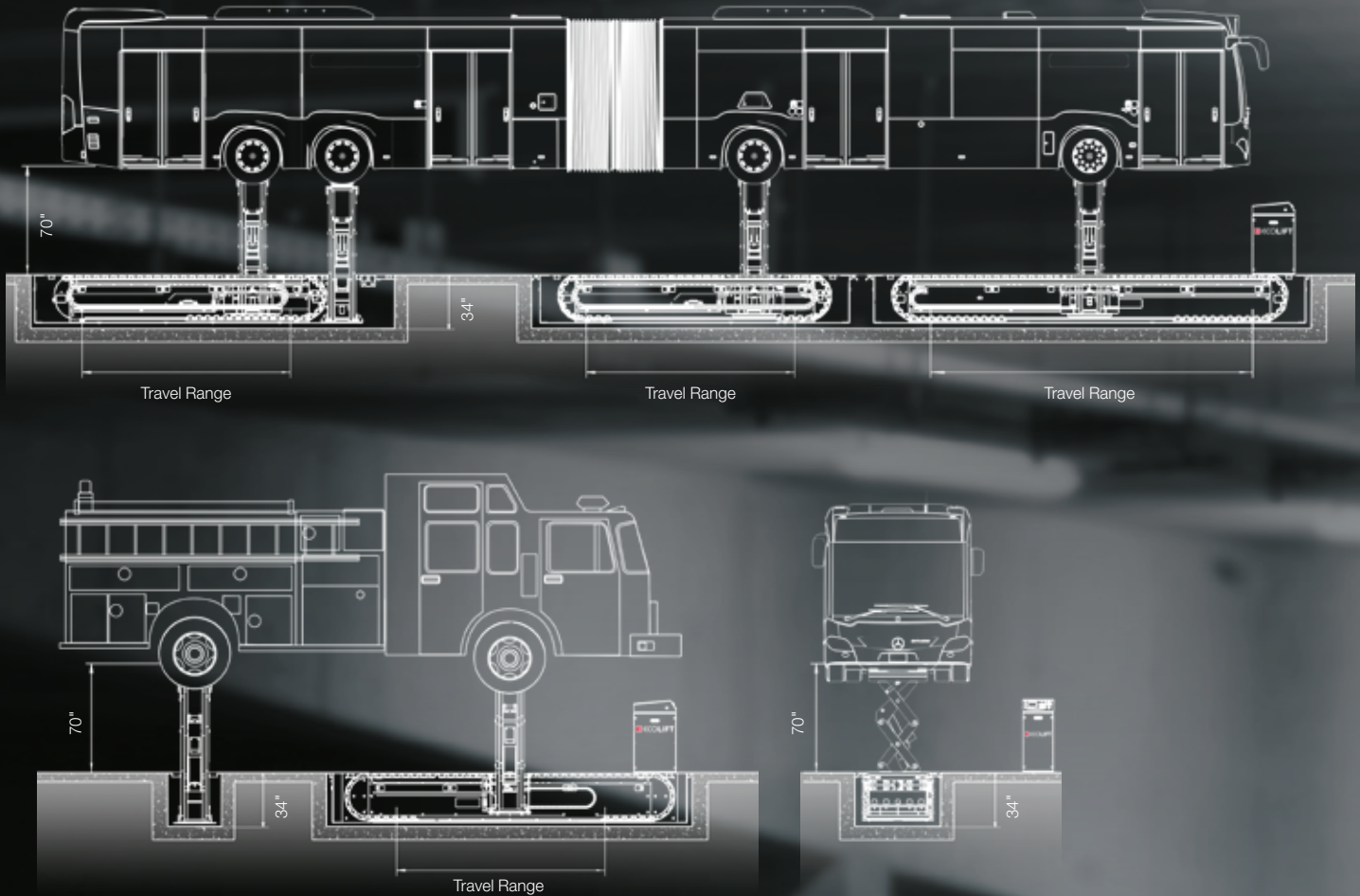
ebright Features

SMART CONTROL SYSTEM

- High resolution 7-inch touch screen displays real-time data of lift status including:
 - Operating mode: single or group
 - Actual height of all lifting units
 - User configured height restriction
 - Lifting unit motion indicators
- Service/Maintenance notifications
- Operation manual on-screen
- Tracking of specific operations and information codes
- Owner/User configurable system with user ID key
 - Individual user settings for language and units of measure
 - Protection against unauthorized use

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Technical specifications



Specification	ECO 60	ECO 90	ECO 120	
Lifting capacity	60,000	90,000	120,000	lbs.
Lifting height	70			inch
Pit depth	34			inch
Travel Range	10, 13 & 17			ft.
Minimum wheelbase	starting at 48			inch
Lifting/Lowering time	80/105			sec
Compressed air supply	Filtered/regulated 5 CFM at 90 PSI			
Electrical supply	3 phase, 208-230/460/575			Volt
Motor power	2 x 5	3 x 5	4 x 5	HP

Our Experts are Ready to Help

For more information about the ECOLIFT or any other products from the Stertil-Koni product range, please do not hesitate to contact us. We will be pleased to assist you.



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