

sterti® **KON**

ECO LIFT

HEAVY-DUTY IN-GROUND LIFT

ECOLIFT

The superior, flexible solution
with a lifting capacity
of 30,000 lbs per scissor



STERIL
SUPERIOR SOLUTIONS BY
QUALITY PEOPLE

Superior solutions by quality people



The Stertil Group provides customized and technically advanced lifting solutions for heavy-duty customers worldwide, as well as superior after-sales service from factory trained local distributors. These superior solutions are conceived, developed and implemented by a team of industry experts with years of field experience. Stertil-Koni is a worldwide leader for heavy duty vehicle lifts as a result of its quality people, in-house research/development and global focus.



The Stertil-Koni ECOLIFT



The Stertil-Koni ECOLIFT is the industry's first, U.S. patented, ultra-shallow, full-rise scissor in-ground lifting system. Manufactured in Streator, Illinois, ECOLIFT is safe, reliable and durable.

Ultra-Shallow Construction

The shallow ECOLIFT foundation has a depth of less than half of the total lifting height. The lift foundation does not require any lift components to be embedded in concrete, which minimizes time and expense. Finally, this shallow

foundation is the answer to situations with bedrock, high ground water or other difficult soil conditions.

Easy Installation

Not only is the installation depth extremely low, the ECOLIFT arrives on site pre-assembled and tested. ECOLIFT is a drop-in/bolt-in design, which makes the installation a breeze. Additionally, the ECOLIFT is the only re-locatable in-ground lifting system in the world.



Continuous Recess™

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

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 of 7,500 lbs. on a 2 x 2 inch contact area, as would occur with a support stand leg.



Unique design provides maximum productivity



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- and 3-lifting unit 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.”



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 front lifting mechanism in a continuous recess, and broad range of adapters, the ECOLIFT is suitable for a diverse vehicle fleet. Additionally, since the ECOLIFT is drop-in/bolt-in, it is easily relocated.

The ECOLIFT lifts any fleet

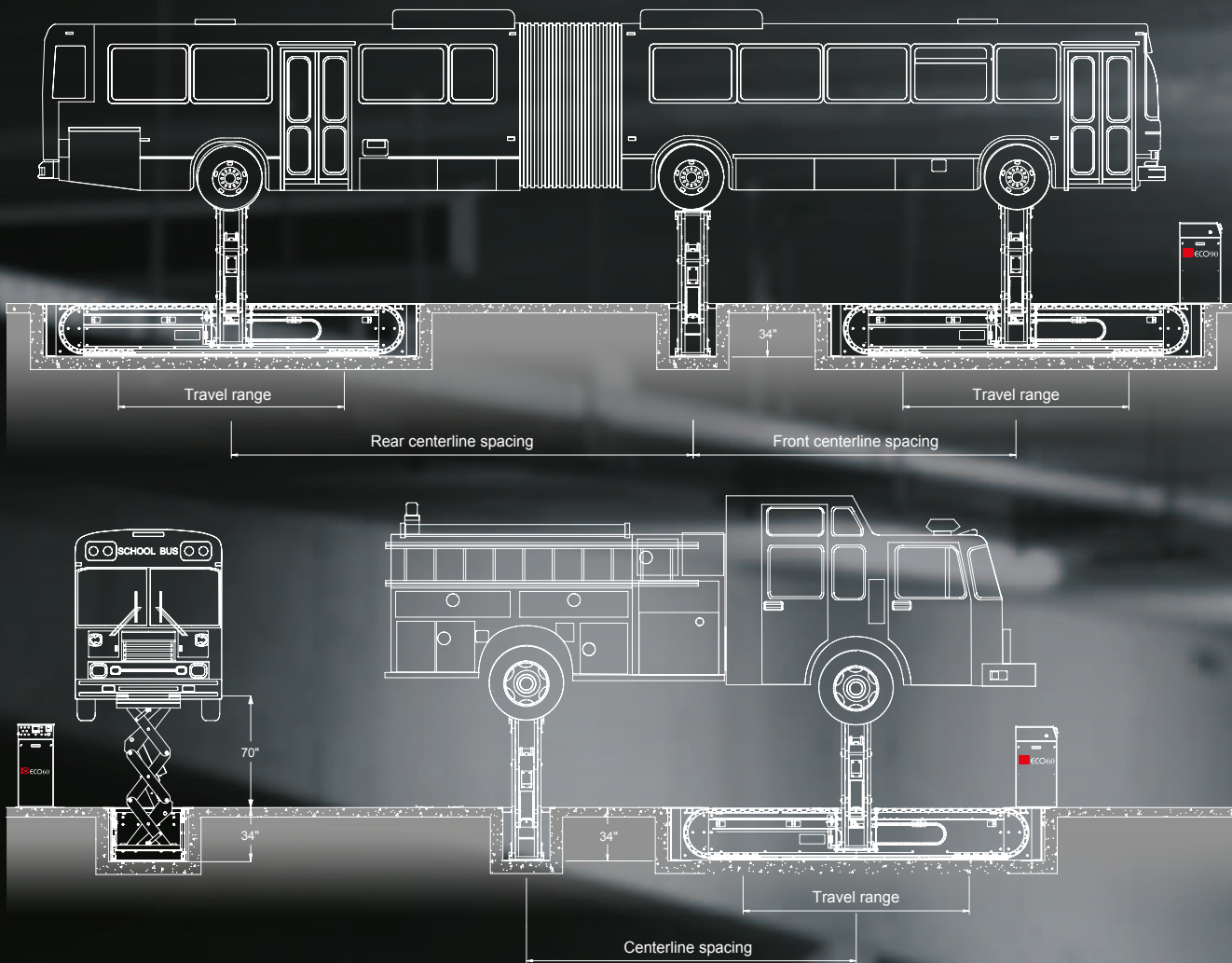


Options

- 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.
- Adapter stand: For safe and easy storage of adapters and cover plates.

- Bio degradable hydraulic fluid
- Automatic wheel base positioning: The ECOLIFT can be equipped with a system that stores wheel base positions for easier lift set up. The user friendly LCD screen stores up to 16 positions, which in turn allows precise relocation of the moveable lifting unit with the touch of a button, significantly reducing setup time.
- Special lift configurations are available.

Technical specifications



Specifications	ECO 60	ECO 90	
Lifting capacity	60,000	90,000	Lbs
Lifting height		70	Inch
Pit depth		34	Inch
Travel range	10, 13, 17		Ft
Minimum wheelbase		72	Inch
Lifting time		90	Sec
Compressed air	Filtered/regulated for 90 PSI at 5CFM		
Electrical	208-230/460/575		Volt
Motor power	2 x 5	3 x 5	HP

* Technical specifications are available at: www.stertil-koni.com

More information?

For more specific information about the ECOLIFT or one of the other quality products from Stertil Koni, please contact us for further assistance.



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