

**ster**til® **KOMO**

**ECOLIFT**

HEAVY-DUTY IN-GROUND LIFT

# ECOLIFT

The superior flexible solution with a lifting capacity of 13,500 kg per scissor and a total of 54,000 kg

 **ebright**  
SMART CONTROL SYSTEM



**STERTIL**  
SUPERIOR SOLUTIONS

# Superior Solutions



Another benchmark for the in-ground scissor lift market, the ECOLIFT versions give you the freedom of choice for a variety of workshop situations. Whether you have a new build situation; a renovation and even in difficult building conditions, the ECOLIFT configurations can be made to fit your specific requirements. With the highest level of safety and accredited third party testing and validation resulting in a superior innovative lifting solution.

The Stertil Group provides customised 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 professional specialists with unique expertise. Thanks to the quality of its people; entirely in-house production and its international organisation, Stertil-Koni is the world's number one in the field of heavy duty vehicle lifting.

## 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 minimises time and expense. Finally, this shallow foundation is the answer to situations with bedrock, high ground water or other difficult soil conditions.

## Easy Installation

The ECOLIFT is the only re-locatable in-ground lifting system in the world. 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 very simple.

# Stertil-Koni In-Ground ECOLIFT with **ebright Smart Control System**



HIGHEST  
SAFETY LEVEL



TOUCH  
SCREEN



ENVIRONMENTALLY  
FRIENDLY



COMPLETELY  
FLEXIBLE

 **ebright**  
SMART CONTROL SYSTEM

## Full-colour touch screen control

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

- Touch screen control, works even when wearing gloves
- User-configured options, such as choice of language, safety warnings and scheduled maintenance
- Full-colour 7" screen, graphically highly attractive
- All relevant information available at a glance
- Customisable owner ID key to prevent unauthorised operation





## Continuous Recess™

Utilising 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 travel range.

The pit covers are made from anodised aluminium and are equipped with a skid resistant surface. The covers are capable of handling a wheel load of 6,000 kg as well as a point load of 3,400 kg on a 5 x 5 cm contact area, as would occur, for example, with an axle stand leg.

# 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 synchronisation utilising 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 3,000, 4,000 and 5,200 mm. This flexibility allows service of vehicles including articulated buses, fire and rescue vehicles as well as multiple-axle trucks.

# 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 5 cm thick, high strength steel, providing an unparalleled level of stability and safety.

ECOLIFT utilises high pressure, low volume cylinders requiring only 13 litres of hydraulic fluid each, which reduces the carbon foot print of this revolutionary product. Another feature is the programmable maximum lifting height to prevent damage to the vehicle during lifting.

## 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.

## 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 positioning of the lift to the vehicle.
- Adapters: Standard selection included. Special adapters are available.



High resolution  
7" touch screen

Intuitive controls



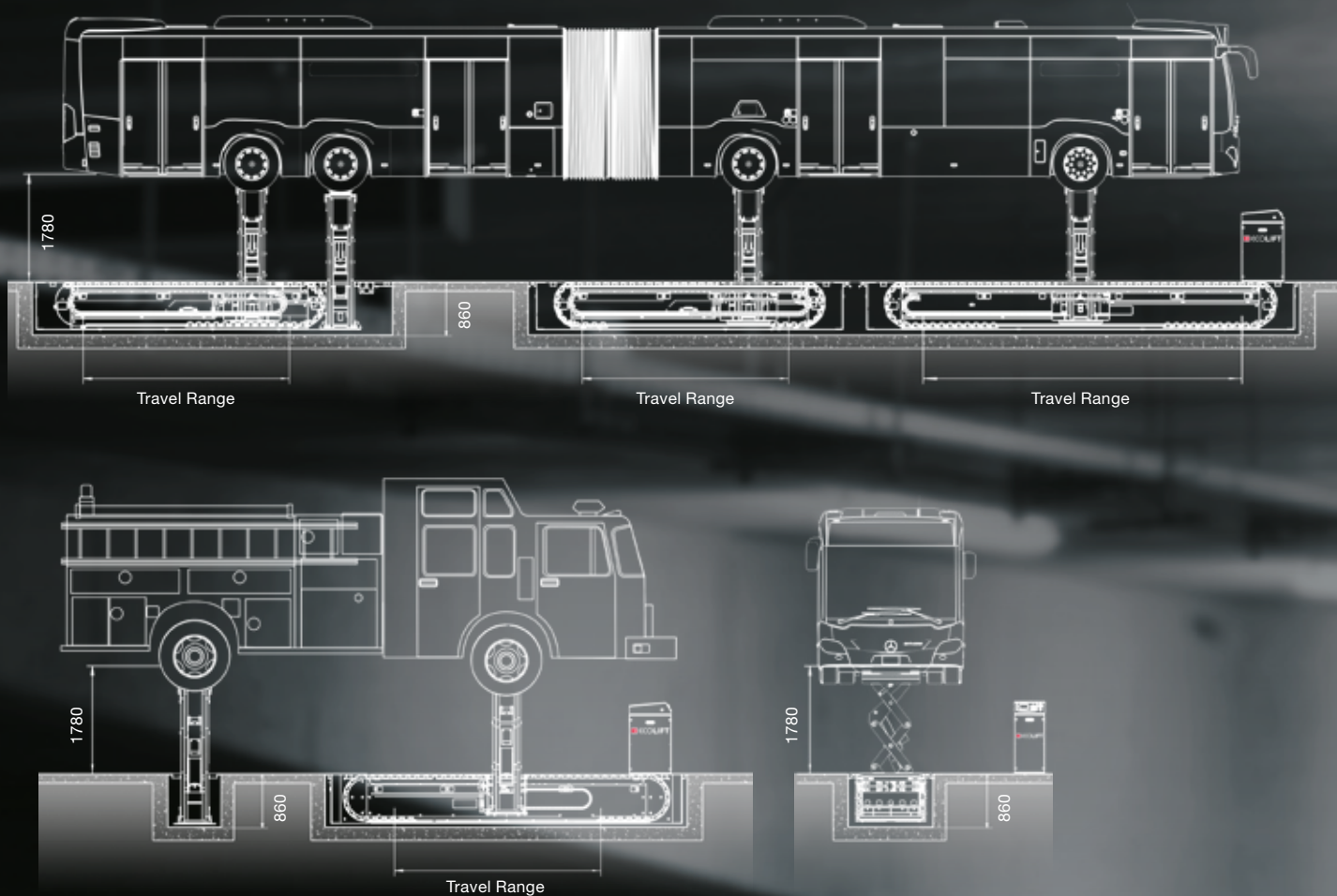
- Adapter stand for safe and easy storage of adaptors and cover plates.
- Biodegradable hydraulic fluid.
- Automatic Wheel Base Positioning (AWBP). The ECOLIFT can be equipped with a system that stores wheelbase data for easier lift setup. The user-friendly touch screen stores an infinite number of vehicle 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" touch screen
- Owner/User configurable system with user ID key
  - Individual user settings for setting language and units
  - Protection against unauthorised use due to personalised ID key
- Maintenance notifications
- Visual display of maximum programmable lifting height if set
- Warning & failure information
- Operation manual on-screen available if required
- Tracking of specific operations and information codes
- Intuitive controls with actual data about the lift:
  - Actual lifting height displayed
  - Customisable owner ID key to prevent unauthorised operation
  - Indication for All, Fixed or Movable operation mode

# Technical specifications



Specification	ECO 60	ECO 90	ECO 120	
Lifting capacity	27,000	40,500	54,000	kg
Lifting height	1,780			mm
Pit depth	860			mm
Travel Range cassette	3000/4000/5200			mm
Minimum wheelbase	starting at 1220			mm
Lifting/Lowering time	80/105			Sec
Compressed air supply	Filtered/regulated for 140 lpm at 4 Bar			
Electrical supply	3 phase, 400			Volt
Motor power	2 x 3.7	3 x 3.7	4 x 3.7	kW

## More information?

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



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