

WIRELESS MOBILE COLUMN LIFT

EARTHLIFT

Capacity 8,500 or 10,000 kg



ACTIVE ENERGY
RETRIEVAL SYSTEM
35% MORE EFFICIENT LIFTING
USING THE EARTHLIFT



KONI

stertil



STERTIL
SUPERIOR SOLUTIONS

Superior Solutions

Stertil-Koni provides customised and technically advanced solutions for heavy-duty lifting requirements for customers throughout the world, including the best possible service from skilled local partners.

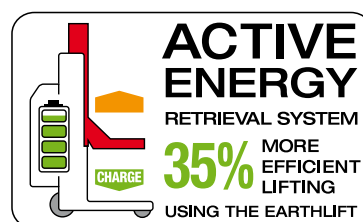
These superior solutions are conceived, developed and implemented by a team of professional specialists with unique expertise. Thanks to the quality of its people, its entirely in-house production and its international organisation, Stertil-Koni is the world's number one in heavy-duty vehicle lifting.



The superior solution for saving energy

Stertil-Koni EARTHLIFT column lift, uses the patented Active Energy Retrieval System. This provides you with an ecological, mobile wireless lifting solution for all of your heavy duty lifting requirements. Which other lift in the industry can achieve up to 50 lifting cycles without battery charging? You get optimum productivity in the workshop. No more expensive downtime because of battery charging!

The principle of the Active Energy Retrieval System is as brilliant as it is simple: to use the energy generated by the raised vehicle as it comes back down. In other words: regain the gravitational energy!





Stertil-Koni EARTHLIFT with **ebright** Smart Control System



TOUCH
SCREEN



RECYCLABLE



BIODEGRADABLE
OIL



The 'green' standard in lifting technology

The EARTHLIFT is the most environmentally-friendly wireless mobile column lift in the world, setting the 'green standard' in the international heavy duty lifting industry. The EARTHLIFT allows workshops worldwide to combine socially responsible business practices, with the highest possible level of ease of operation and efficiency.

- Lifting column made of recyclable components
- Biodegradable oil in a closed hydraulic system
- Batteries are recyclable
- Electronic components according to environmental norms, RoHS

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, scheduled maintenance
- Full-colour 7" screen, graphically highly attractive
- All relevant information available at a glance
- Customizable ID-Key to prevent unauthorized operation
- Wireless Mesh network for optimal connectivity



Choose between a lifting capacity of 8.5 or 10 tons

Both 8.5 ton and 10 ton EARTHLIFT models are available. The 8.5 ton EARTHLIFT model for example is ideal for super single tyres. For fleets or workshops requiring extra lifting capacity, there is the 10.5 ton EARTHLIFT model.

Simple recharging with 230V

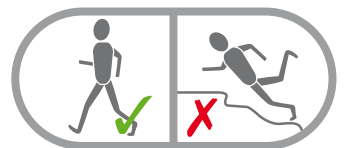
Although recharging is less frequent with the EARTHLIFT, each column is fitted with two deep cycle marine batteries which can simply be recharged with a 230V energy source.

Lifetime guarantee

The innovative synthetic runner wheels within the column come with a lifetime parts guarantee.

Minimum repair, maximum safety

The Stertil-Koni wireless mobile EARTHLIFT means that you are not faced with expensive repair bills for failing cables. Above all safety first and foremost and no cables means no tripping hazard.





Ready for the future

MAX 32
LINKED
COLUMNS

32
MAX



ADJUSTABLE
LIFTING AND
LOWERING
SPEEDS

OVERLOAD
PROTECTION



UNIQUE
SYNCHRONISATION
SYSTEM

Other built-in features of the EARTHLIFT which give you the benefit of enhanced safety are:

- Independent mechanical gravity locking pawl; -starts at 125 mm
- Locking profile with 35 mm increments, the smallest available in the industry, provides maximum safety
- Vehicle damage prevention due to 250 mm between lift and vehicle
- Automatic overload protection
- Precision synchronisation starts at 15 mm height difference between the lift and the vehicle

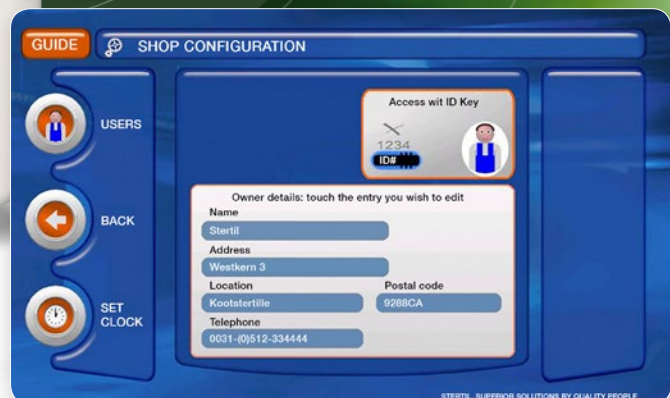
Maximum flexibility for different vehicles

- Total lifting capacity is variable by linking multiple lifting columns
- Maximum of 32 columns can be linked in a single configuration!
- Unique synchronisation system for a smooth lifting and lowering cycle, even in the event of an extremely uneven load distribution
- Lifting and lowering speeds can be continuously adjusted
- Lifting forks can be adjusted to the desired width, so without wheel adapters, for nearly all wheel diameters



○ High resolution
7" touch screen

○ Intuitive controls



The revolutionary **ebright Smart Control System**

The ebright Smart Control System has been designed by Stertil-Koni as the next generation in operating mobile lifts. The smart controls are visually attractive and intuitive. The control box is manufactured with high quality materials.

The operating system uses 24V DC low voltage, is splash-proof (IP65) and complies with the regulations of EN 954 1 and the future EN ISO 13849 1.

Superior ease of use



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 unauthorized 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:
 - Indication for Single, All or Pair operation mode
 - Information about how many columns are in the set (up to 32 columns)
 - Actual lifting height displayed
 - Lowering speed can be manually adjusted on the touch screen
 - Battery status information
 - Customizable ID-Key to prevent unauthorized operation
 - Load indication shown on every individual column
 - Wireless Mesh network with continuous active channel search offering optimal connectivity

Technical specifications

Lifting capacity:	8,500 or 10,000 kg
Lifting system:	hydraulic lifting system with microprocessor-controlled synchronisation
Lifting height:	maximum 1,850 mm, automatic stop at the highest position
Lifting time:	94 seconds
Motor rating:	2.2 kW per column
Weight:	615 kg per column
Column lift height:	2,465 mm

Highest safety requirements

- ANSI/ALI-ALCTV certified (USA), CSA certified (Canada), CE certified (Europe)
- Low voltage control panel
- Each column is equipped with an emergency stop button
- Each individual mobile lifting column is tested prior to leaving the factory
- Splash-proof electrical system (IP 65)

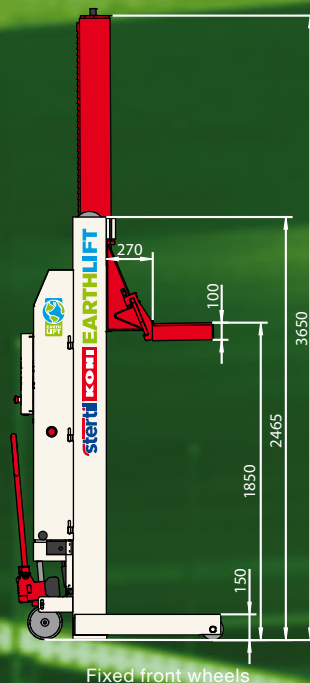
Accessories & options

Stertil-Koni offers an extensive package of accessories & options tailored to fit your specific needs.

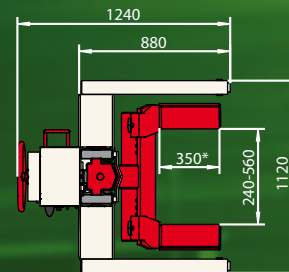
If necessary, our in-house development team will be pleased to work in association with you to find a solution that best meets your requirements.

For more information

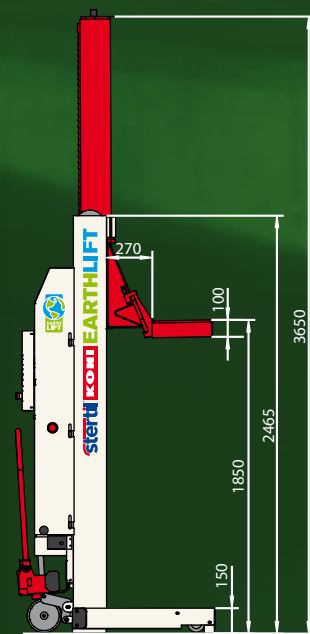
Please contact us for more details or for specific information about the Stertil-Koni EARTHLIFT or any of Stertil-Koni's other quality products. We will be pleased to give you individual advice on a superior solution.



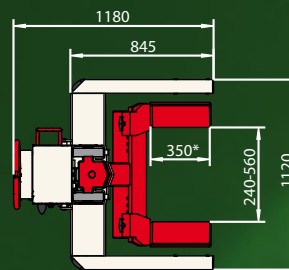
Fixed front wheels



Adjustable fork



Retractable front wheels



Adjustable fork

* For the model with 10,000 kg capacity: 300 mm.

Retractable wheels, the best system on the market

- Ideal for an uneven workshop floor
- Fast and accurate positioning of the lift under the vehicle
- Even with soft tyres the EARTHLIFT with retractable wheels is easy to manoeuvre



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