

WIRELESS MOBILE COLUMN LIFT

# EARTHLIFT

Capacity 18,500 lbs  
or 22,000 lbs



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

 **ebright**  
SMART CONTROL SYSTEM



# KONI

# stertil



**STERIL**  
SUPERIOR SOLUTIONS

# Superior Solutions

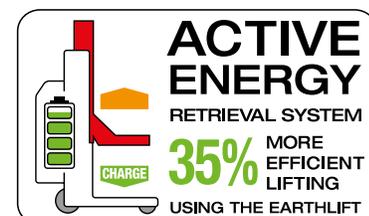
Stertil-Koni provides customized and technically advanced solutions for heavy-duty lifting requirements for customers throughout the world, including the best possible service from skilled local partners. These superior solutions are conceived, developed and implemented by a team of professional specialists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

## The superior solution for saving energy

The Stertil-Koni EARTHLIFT mobile column lift uses the patented Active Energy Retrieval System. This provides our customers with an ecological, mobile wireless lifting solution for all of their 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!

**stertil KONI**

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 columns made of recyclable components
- Biodegradable oil is contained in a closed hydraulic system
- Recyclable Batteries
- Electronic components engineered according to environmental norms, RoHS

### Full color 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:

- 7" full color touch screen, works even when wearing gloves
- User-configured options, such as choice of language, safety warnings and scheduled maintenance notifications
- All relevant information available at a glance
- Customizable ID-Key to prevent unauthorized operation
- Wireless Mesh network for optimal connectivity



## Choose between lifting capacities of 18,500 lbs or 22,000 lbs

Both 18,500 lbs or 22,000 lbs EARTHLIFT models are available. The 18,500 lbs EARTHLIFT model, for example, is ideal for super single tires due to its 14-inch lifting fork. For fleets or workshops requiring extra lifting capacity, there is the 22,000 lbs EARTHLIFT model.

## Simple recharging with 110V

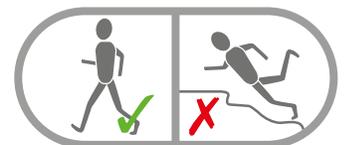
Although recharging is less frequent with the EARTHLIFT, each column is fitted with two deep cycle marine batteries that can be recharged easily with a 110VAC receptacle energy source.

## Lifetime guarantee

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

## Minimum repair, maximum safety

Because no interconnecting cables are used, the Stertil-Koni EARTHLIFT wireless mobile lifting column minimizes potentially expensive repair bills for damaged cables and simultaneously eliminates the risk of operator tripping hazards. In that way, safety and performance are assured.





# Ready for the future

MAX 32  
LINKED  
COLUMNS

32  
MAX



ADJUSTABLE  
LIFTING AND  
LOWERING  
SPEEDS

OVERLOAD  
PROTECTION



UNIQUE  
SYNCHRONIZATION  
SYSTEM

Additional built-in features of the EARTHLIFT which deliver enhanced safety elements include:

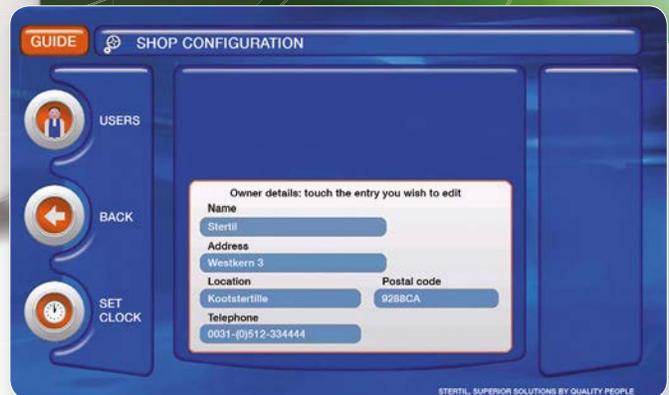
- Independent mechanical locking system; locks start to engage at 5"
- Locking at increments of 1 3/8", the closest lock interval available in the industry
- Possible vehicle damage minimized due to 10" between vehicle and lift
- Automatic overload protection
- Precision synchronization starting at a height difference of 5/8"
- Total lifting capacity is variable by linking multiple lifting columns
- Maximum of 32 columns can be linked in a single configuration!
- Unique synchronization system for a smooth lifting and lowering cycle, even in the event of an extremely uneven load distribution
- Adjustable lifting forks can accommodate virtually all wheel diameters, without the need for reduction sleeves

## Maximum flexibility for different vehicles



○ 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 to operate mobile column lifts. The smart controls are visually attractive and intuitive. The control box is manufactured with high quality materials. The operating system operates at 24V DC, 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 of measure
  - Protection against unauthorized use, thanks to personalized ID key
- Maintenance notifications
- Visual display of maximum programmable lifting height
- Warning and failure information
- Operation manual available on-screen
- 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:	18,500 lbs or 22,000 lbs
Lifting system:	hydraulic lifting system with microprocessor-controlled synchronization
Lifting height:	maximum 73", automatic stop at the highest position
Lifting time:	94 seconds
Motor rating:	3hp per column
Weight:	1,350 lbs per column
Column height:	97"

## Highest safety requirements

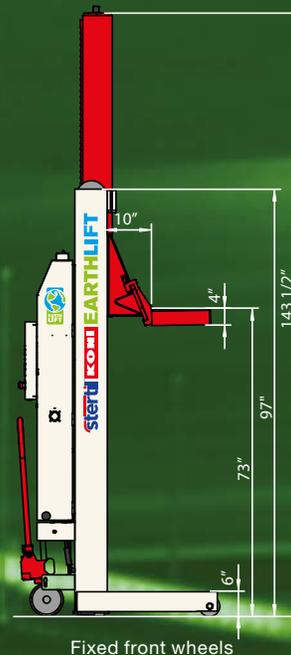
- ANSI/ALI-ALCTV certified (USA), CSA certified (Canada), CE certified (Europe)
- Low voltage control panel
- Each column is equipped with an emergency stop button
- Each individual mobile lifting column is tested prior to leaving the factory
- Splash-proof electrical system (IP 65)

## Accessories & options

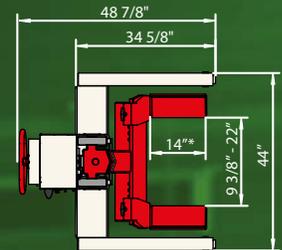
Stertil-Koni offers an extensive package of accessories and options tailored to fit your specific needs.

## For more information

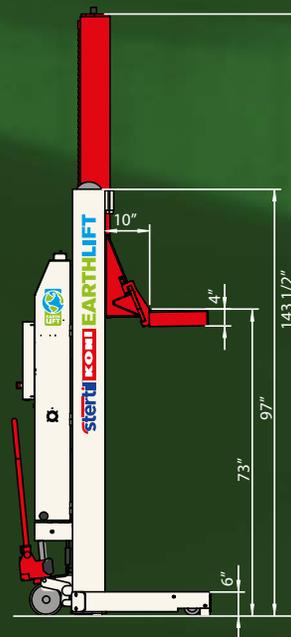
Please contact us for more details or for specific information about the Stertil-Koni EARTHLIFT or any of StertilKoni's other quality products. We will be pleased to give you individual advice on a superior solution.



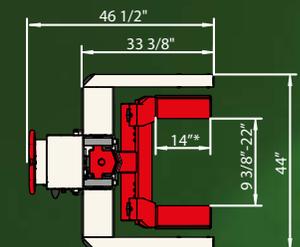
Fixed front wheels



Adjustable fork



Retractable front wheels



Adjustable fork

\* Model 22,000 lbs.  
12" inches.

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 tires the EARTHLIFT with retractable wheels is easy to maneuver since the columns rise in small increments parallel to the floor



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