

KONI

sterfil®



MOBILE COLUMN LIFT

ST 1082

The superior, flexible solution with a lifting capacity of 8.2 tons



STERFIL
SUPERIOR SOLUTIONS BY
QUALITY PEOPLE

Superior solutions by quality people



The Stertil Group provides customised and technically advanced solutions for heavy-duty lifting requirements and dock equipment for customers worldwide, 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 its quality people, its entirely in-house expertise and its international organisation, Stertil-Koni is a worldwide leader in the field of heavy-duty mobile column lifts.

The superior solution for flexible lifting of heavy duty vehicles



Stertil-Koni ST 1082 mobile column lift

Looking for optimum flexibility and maximum productivity? Stertil-Koni's wireless mobile column lifts cleverly combine both these features. The entire system can be set up with amazing ease and speed. Stertil-Koni offers a wide range of mobile column lifts.

Wireless...

Our wireless mobile column lifts provide the superior solution for situations where the lifts need to be moved regularly. Thanks to the innovative ID key, 8 columns, each with a lifting capacity of 8.2 tons, can be controlled within one setup, without interference from other wireless columns in the nearby vicinity.

In most cases, the special deep cycle batteries only need to be recharged every two weeks. No time is wasted connecting up cables and the mechanic has maximum access to the vehicle, with no risk of tripping.

... or wired, it's up to you

If you mainly work in a fixed location or want to use more than 8 columns simultaneously, the wired mobile ST 1082 column lift is the best solution. This set up offers the possibility to connect up to 28 columns into a single configuration. The wired version also has a lifting capacity of 8.2 tons per column.

Superior control with the Multi Master System

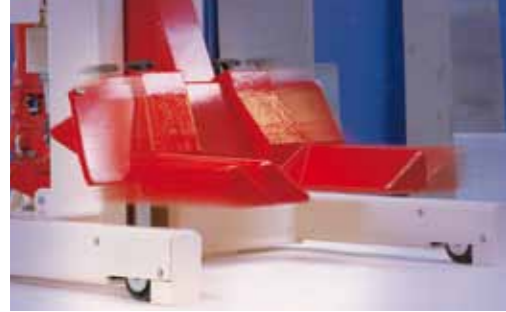
Both the wireless and the wired column lifts are equipped with a control box on each individual column. Columns can

be operated individually, in pairs or simultaneously as a complete group with the touch of a button. Each column can therefore be used at any given location. The patented Multi Master System provides optimum flexibility.

Proven reliability and efficiency

Stertil-Koni mobile column lifts are designed with the user in mind. Ease of operation, reliable technology and extensive safety features are incorporated into the design. It's not without reason that Stertil-Koni mobile column lifts are the best selling lifts worldwide.

Well thought out in all aspects



Reliable hydraulic technology

The hydraulic lifting system operates efficiently and smoothly. Compared to mechanical systems, there is hardly any friction present, so that the columns have a long lifecycle. We test all our systems thousands of times under maximum load before introducing them to the market. In the case of a power failure, the columns can be lowered manually.

The hydraulic cylinder is positioned upright on the piston rod in the guide piece, which optimally protects the cylinder and seal. Damage to the piston rod therefore will not result in leakage.

Adjustable pick-up forks

The width between the forks is adjustable, so that vehicles with variable wheel diameters can be lifted easily safely. The standard fork length of 350 mm. makes the column lifts particularly suitable for safely lifting vehicles with super single tyres.

Lowering speed selector switch

Do you want to lower the vehicle more slowly, so that you have more control? This is easily done with the patented Stertil-Koni 'Turtle' switch.

Power supply

The wireless columns are easy to charge by means of a 230 V wall socket. Wired column operate from a standard 400 V* supply. (*Other voltages available on request).

Fast lifting and lowering

The ST 1082 only takes 89 seconds to reach its maximum height of 1,850 mm. This makes it one of the fastest mobile column lifts in the world.

Easy to move

Stertil-Koni mobile column lifts really are 'mobile'. Thanks to the synthetic wheels and the hydraulic pallet truck mechanism combined with the patented gas shocks the column is easy to move. What's more, it is also equipped with a first class overload safety device.

Safe working space

The Stertil-Koni electronic synchronisation system is extremely accurate and reliable. As an extra safety feature, we have also designed ample working space between the column and the vehicle. Even if there is a problem with the air suspension, the vehicle should not come into contact with the column.

Unique synchronisation

The synchronisation system starts to work at a height difference of just 15 mm. This ensures a safe and smooth-running lifting and lowering cycle, even in cases where the distribution of the vehicle load is extremely uneven.

Lifetime guarantee

The synthetic runner wheel system is self-lubricating and therefore needs no maintenance. This runner wheel system comes with a lifetime guarantee.

ST 1082 with retractable wheels

Both the wireless and the wired column lifts are available with retractable wheels: This unique Stertil-Koni design is the best available on the market. This prevents high point loading on the floor and reduces the floor surface pressure by a factor of 10. The system is fast, efficient, very stable and extremely reliable.

Everything under control



Wireless Control



Superior Control

Overview of ST 1082 types and controls

	WIRELESS ST 1082-FWA	WIRELESS ST 1082-RWA	SUPERIOR ST 1082-FSA	SUPERIOR ST 1082-RSA
Wireless control with a control box on each individual post.	●	●		
LCD screen with important information about the system.	●	●		
Superior Control with a control box on each individual post.			●	●
Patented system with selector switch for low or normal lowering speed.	●	●	●	●
Hydraulic pallet truck mechanism with patented overload protection.	●	●	●	●
Adjustable fork, 350 mm long, suitable for super single tyres.	●	●	●	●
Fixed synthetic wheels that reduce the floor surface pressure.	●		●	
Retractable synthetic wheels integrated into the base frame, for 10 x less floor loading.		●		●
Maximum number of columns in a set.	8	8	28	28

'Master' controls

Stertil-Koni offers two control options for operating the ST 1082 mobile column lifts:

Wireless (FWA and RWA) and Superior (FSA and RSA).

The Wireless Control and the Superior Control both operate with the Multi Master System. This makes it possible to operate an individual column, a pair or all columns simultaneously. Any column can be operated with the push of a button, and clear LED indicators on the control box let you know which setup you are operating. The control panel for the Wireless Control now also includes a LCD

screen. Additional information, such as the charging status of the battery, the exact lifting height and the number of columns in the setup can be read on this display.

Extra strong drive over cables are also available for the wired column lifts. All power and communication cables are equipped with strong and reliable industrial plugs.

Technical specifications

- Lifting capacity: 8,200 kg
- Lift system: hydraulic lifting system with micro-processor-controlled synchronisation
- Lifting height: maximum 1,850 mm, automatic stop at the highest position
- Lifting time: 89 seconds
- Motor rating: 2.2 /3.0 kW per post (Superior/Wireless)
- Weight: 500/625 kg per post (Superior/Wireless)
- Column lift height: 2,590 mm

Highest safety requirements

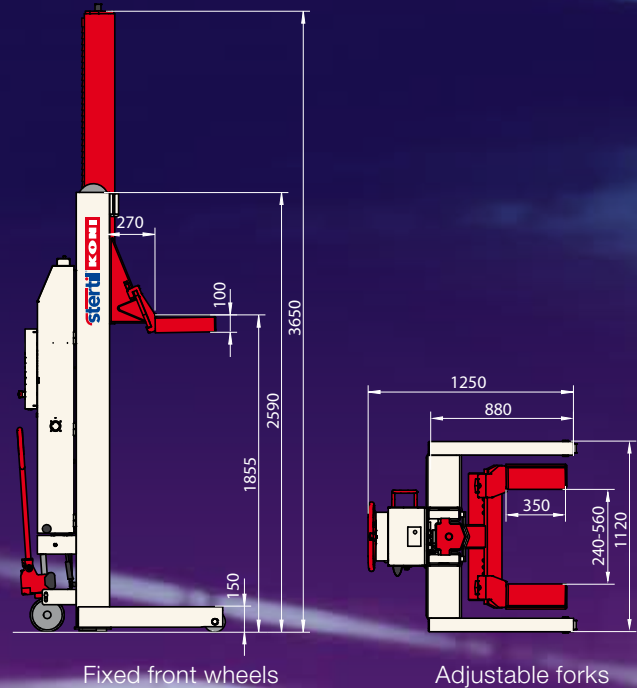
- ANSI/ALI-ALCTV certified (USA), CSA certified (Canada), CE certified (Europe)
- Independent mechanical locking system engages at 122 mm above floor level. Lock pawl engaged by gravity. The locking system is always active, even when the column is turned off
- Locking profile with locking increments of just 35 mm
- Synchronisation between the mobile lifting columns starts at a height difference of 15 mm
- Automatic overload protection
- Low voltage control panel
- Each column is equipped with an emergency stop
- 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.

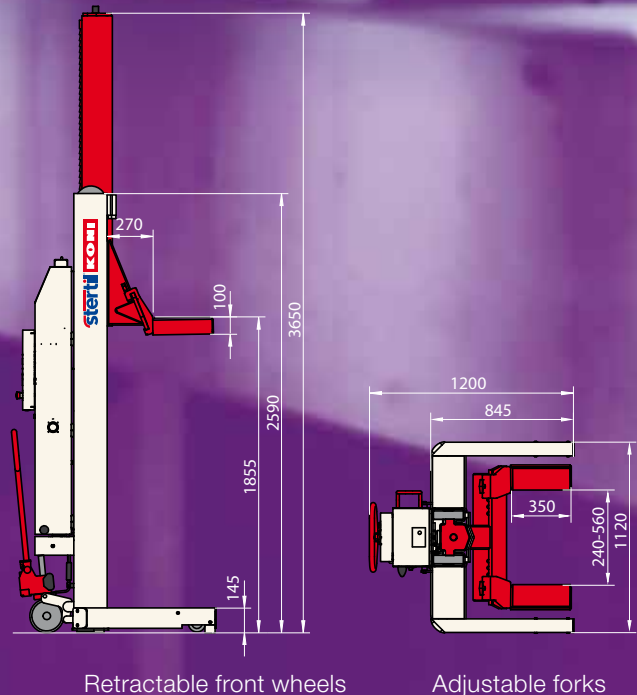
Our in-house R&D department will be pleased to tailor a specialty lifting solutions to meet any customer demands.

* Technical specifications are available at www.stertil-koni.nl



Fixed front wheels

Adjustable forks



Retractable front wheels

Adjustable forks

More information?

For more information about the ST 1082, or any of Stertil-Koni's other top products, please do not hesitate to contact us. We will be pleased to assist you.



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