

stertil® **KOMI**

FREEDOMLIFT



HEAVY DUTY 2-POST LIFT

FREEDOMLIFT

The superior flexible 2-post lift offering optimal workshop space efficiency. Capacities: 5.5 tons, 7 tons and 9 tons



STERIL
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.



Unique in flexibility and freedom of movement

Due to its unrivalled flexibility, the 2-post FREEDOMLIFT provides a superior solution for lifting a wide variety of vehicles from commercial vans to small, heavy duty vehicles.

The concept of the FREEDOMLIFT is ingenious and simple. The telescopic support arms allow the 2-post lift to easily and quickly be adjusted. Maximum flexibility is provided by FREEDOMLIFT models with double telescopic arms. The FREEDOMLIFT's modern design has resulted in a very stable 2-post lift with a baseless construction and an absence of any rigid overhead cross-bar. This means that the FREEDOMLIFT can be fitted in almost any workshop. The mechanic has unhindered, optimal access to the raised vehicle.

Stertil-Koni 2-Post FREEDOMLIFT



Three models with lifting capacities
of up to 9 tons

The FREEDOMLIFT range consists of three models
with capacities from 5.5 tons to 9 tons.
Various arm configurations are possible.

- SK 2055: max. lifting capacity 5.5 tons
- SK 2070: max. lifting capacity 7 tons
- SK 2090: max. lifting capacity 9 tons

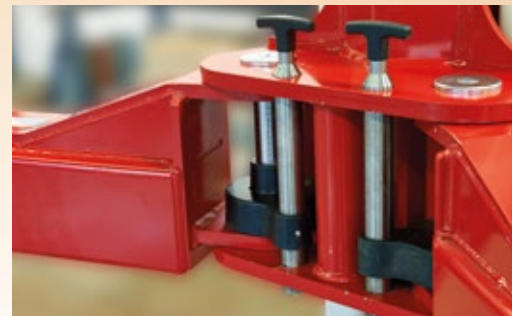


Stability by means of sophisticated design

The FREEDOMLIFT's stability and safety has been enhanced by innovative design with sophisticated construction and intelligent technology. The 2-post lift and lifting arms are slender but strong at the same time. Various automatic features - both mechanical and hydraulic, ensure maximum safety:

- Intelligent synchronisation by means of proportional control valves
- Independently mechanical locking system engages at 210 mm above floor level
- Locking pawl engaged by gravity
- Locking system is always active even when the 2-post lift is turned off
- Locking profile with locking increments of just 35 mm
- Automatic overload protection
- Automatic arm locking
- Ergonomic design with no sharp edges
- Compact foot plates minimise the risk of tripping
- Automatic limiter when highest position is reached
- Hold-to-run buttons on the control panel

Safety, Stability & Convenience



- Emergency stop on the control panel
- Advanced synchronisation between the posts starts at a height difference of 15 mm
- Proportional hydraulic control valve system which allows smooth operation
- All critical components, for example, hydraulic lines and electrical cables, are shielded in the posts and in overhead aluminium tubes

Automatic arm locking

The FREEDOMLIFT models with single and double telescopic arms have automatic arm locking for added working convenience and safety:

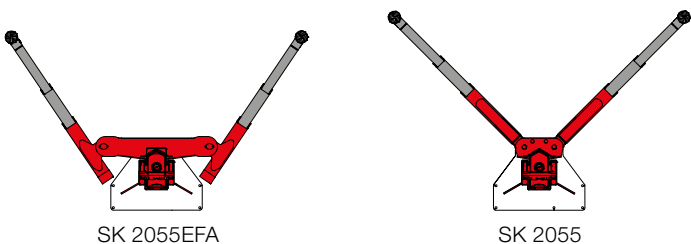
- Special arm-release handles on the single and double telescopic arms enable easy manual and precise positioning of the lifting arms when the arms are elevated from the floor and close to the pick-up points**
- The automatic arm locking system is reliable and requires low maintenance

**does not apply to SK 2055EFA



Extended Flex Arms (EFA)

The SK 2055EFA offers maximum flexibility due to its double telescopic arms and hinged elbow joints, thus suitable for personal vehicles and larger commercial vans.



Extensively tested reliability

The FREEDOMLIFT's hydraulic system has a minimum of moving parts and has been tested with more than 20,000 lifting and lowering cycles at maximum lifting capacity. These test results guarantee extensive and safe use in the workshop.

All FREEDOMLIFT models are approved by official inspection authorities:

- CE certified (Europe)
- ANSI/ALI-ALCTV certified (USA)
- CSA certified (Canada)

Flexible and Efficient



Efficient

- Short lifting and lowering times
- Quick and easy installation with adjustable width for almost any standard workshop floor

Single and double telescopic lifting arms

The FREEDOMLIFT is available with single and double telescopic lifting arms or a combination of both, as well as the extended flexible arm version (EFA).



Good return on investment

The FREEDOMLIFT is the new standard in flexibility, ergonomics, safety and reliability. Steril-Koni products are produced from high quality materials, meaning low-maintenance costs throughout the life-time of the lift.

Innovative sliding block system

Innovative sliding block system for optimal load distribution. This state-of-the-art system is reliable and extremely durable and has been tested under maximum load with more than 20,000 lifting cycles.

Durable & Solid



Options

- Strong, durable, energy-efficient LED lighting, two tubes per column
- Second control box for convenient operation of the lift at both posts
- Underfloor connection kit
- A wide range of adapters are available for a variety of vehicle brands and models
- Magnetic tool tray which attaches to the arms of the lift

Features Ben



Ergonomic control panel

The specially designed FREEDOMLIFT control panel allows for ergonomic operation and is equipped with an integrated switch for the optional LED lighting.

Reliable Electro-hydraulic system

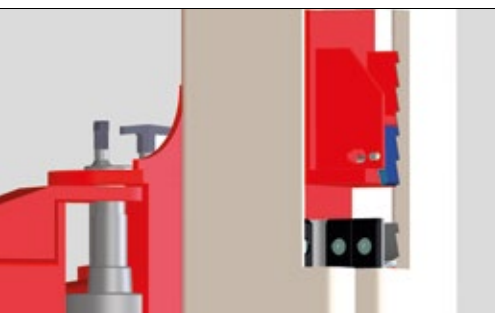
The hydraulic cylinders are extensively tested and mounted in the posts so they are fully protected from dirt and moisture.

Convenient installation

Installation of the FREEDOMLIFT is easy and quick due to the height of the posts, the effective design of the base-foot plates on almost any standard workshop floor.

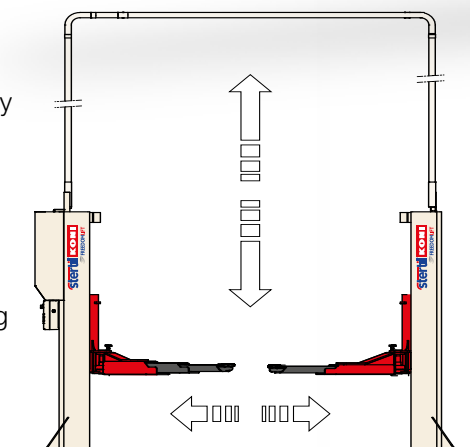
Safety, Safety and Safety

- Independently mechanical locking system engages at 210 mm above floor level
- Locking pawl engaged by gravity
- Advanced synchronisation between the posts starts at a height difference of 15 mm
- Automatic overload protection

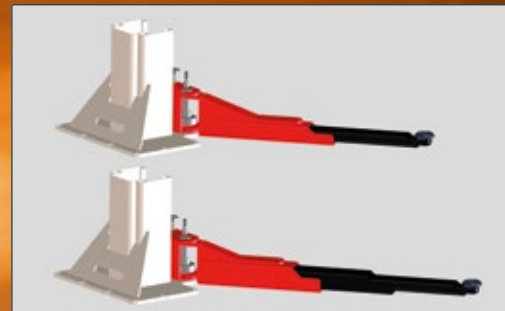


Flexible with ample working space

The robust FREEDOMLIFT 2-post lift is efficiently designed; threshold and rigid top-beam-free with compact foot-plates resulting in an optimal working space for the mechanic.



and efits



Single and double telescopic lifting arms

FREEDOMLIFT SK 2070 and SK 2090 are available with single and double telescopic lifting arms or a combination of both. The FREEDOMLIFT SK 2055 model is available with standard- positioned double telescopic lifting arms and wide-positioned, double telescopic lifting arms (EFA) for maximum flexibility.



Easy to adjust

The FREEDOMLIFT is constructed with integrated sliding plates in the arms to assure easy adjustment of the arms. Manual adjusting and unlocking of the arms is possible by using the special arm release handles**.

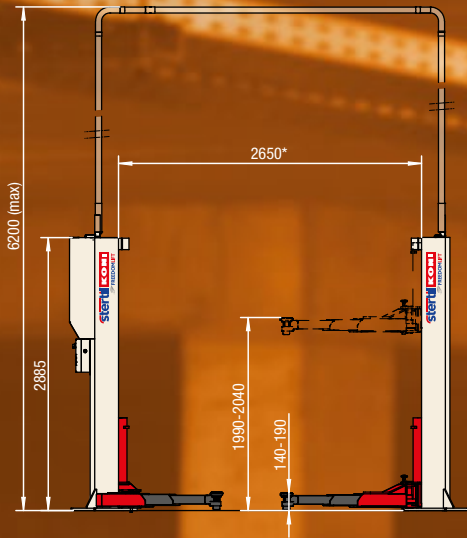
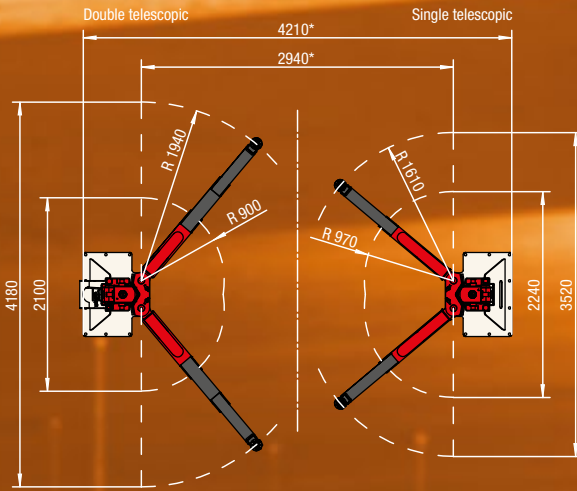
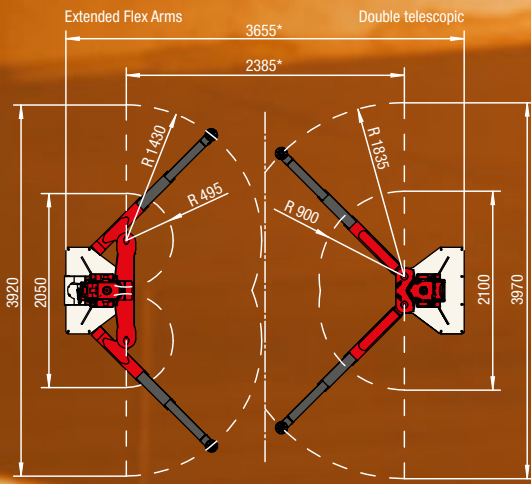


Optional special adapters

Optional stackable attachments and special adapters are available for a variety of commercial vehicles for example, Mercedes Sprinter, Volkswagen Crafter, Renault Mascot and others. Please contact your local sales team for the full range of adapters.

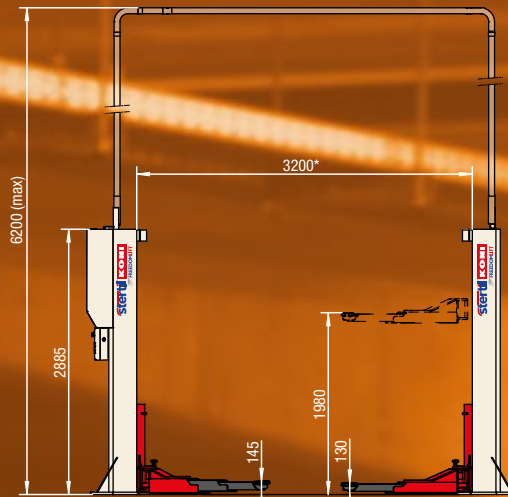
Sliding block system

The FREEDOMLIFT's state-of-the-art designed sliding block system optimally distributes the load throughout the 2-post construction.



SK 2055EFA

SK 2055



SK 2070-SK 2090

*Flexible dimensions

Specifications	SK 2055EFA	SK 2055	SK 2070-22	SK 2070-33	SK 2090-22	SK 2090-33
Lifting capacity	5,500 kg	5,500 kg	7,000 kg	7,000 kg	9,000 kg	9,000 kg
Lifting height	2045 mm	2040 mm	1980 mm	1995 mm	1980 mm	1995 mm
Pick up height	145 mm	140 mm	130 mm	145 mm	130 mm	145 mm
Min. single telescopic arm length	n.a.	n.a.	970 mm	n.a.	970 mm	n.a.
Max. single telescopic arm length	n.a.	n.a.	1610 mm	n.a.	1610 mm	n.a.
Min. double telescopic arm length	495 mm	900 mm	n.a.	900 mm	n.a.	900 mm
Max. double telescopic arm length	1430 mm	1835 mm	n.a.	1940 mm	n.a.	1940 mm
Lifting time	39 sec	39 sec	58 sec	58 sec	58 sec	58 sec
Power output	4 kw	4 kw	4 kw	4 kw	4 kw	4 kw

More information?

For more information, about the FREEDOMLIFT or any other of the products in the Stertil-Koni range, please do not hesitate to contact us directly or via the website. We are happy to advise and assist you on all of your heavy lifting requirements.



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