

HEAVY DUTY 4-POST VEHICLE LIFT

ST 4120

Capacity 30,000 lbs.

KON

stertil®



STERIL
SUPERIOR SOLUTIONS BY
QUALITY PEOPLE

Superior solutions by quality people



The Stertil Group 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 is the number one heavy duty vehicle lift company in the world.



Flexible

The Stertil-Koni ST 4120 is suitable for a wide range of vehicles from urban trucks, vans and buses to heavy duty commercial vehicles. With the optional third platform the ST 4120 is also the ideal vehicle lift for 3-wheel forklift trucks. The platforms are available in lengths: 14'9", 20'4", 26'2" & 33'* and are adjustable. The ST 4120 has four robust hydraulic cylinder posts which can each lift 9,900 lbs. The wide platforms have an extremely low drive-on height, suitable for "low ground" clearance vehicles. Longer drive-on ramps are also available.

Convenience

The operational unit containing the control box and hydraulic pump can be positioned on any post for easy operation, maintenance and inspection.

Durability and reliability

Stertil-Koni is the technological leader in hydraulic heavy duty vehicle lifting systems. This technology is incorporated in the ST 4120, which has fewer moving part. This high performance lift reduces the risk of defects and the need for expensive repairs.



* 33' platform is not ANSI/ALI-ALCTV certified

Stertil-Koni ST 4120



Optional third platform, with a capacity of 4,500 lbs., available for 3-wheel fork lift trucks.



Maximum safety

The ST 4120 offers the following safety features:

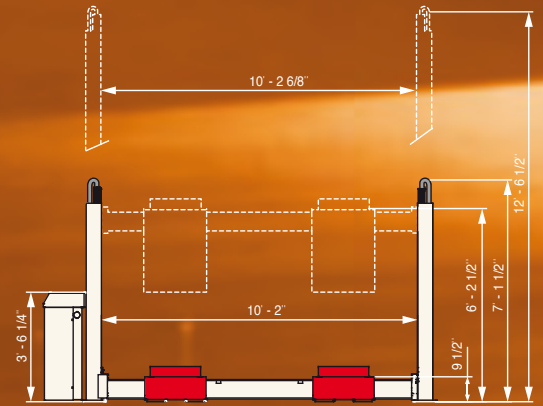
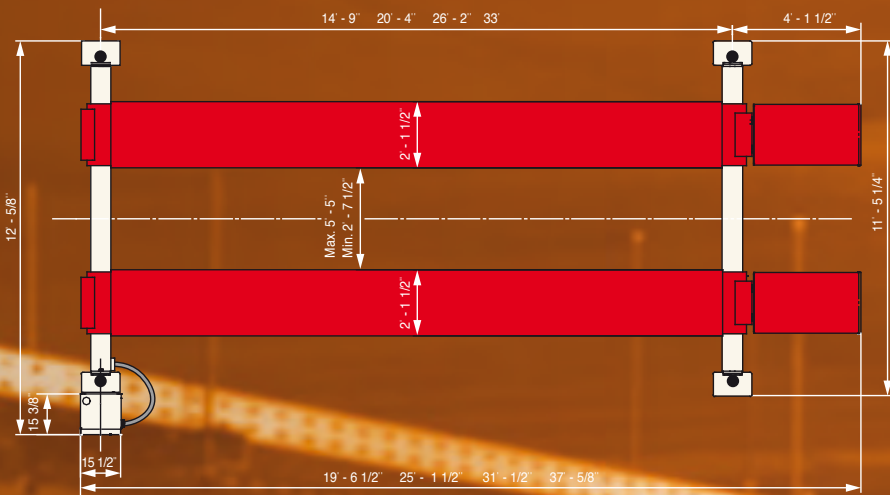
- Electronic synchronization system that continuously monitors the position of all cylinders creating safe, smooth and level lifting and lowering
- Robust and reliable Stertil-Koni hydraulics with pressure relief and hose burst valves
- Independent gravity operated locking mechanism to prevent unexpected lowering

Tandem configuration for longer vehicles

ST 4120 can be extended in a tandem configuration with two lifts in line that can be operated individually or together. It's perfect for long buses or other longer combinations.

Tandem configuration,
side view





Technical specifications

Lifting capacity: 30,000 lbs.
 Lifting system: hydraulic
 Lifting height: 74 1/2"
 Lifting time: 90 seconds
 Motor: 1 x 7.5 HP

Highest safety features

- ANSI/ALI-ALCTV certified (USA)**
- CSA certified (Canada)
- CE certified (Europe)
- Low voltage control cabinet

** 33' platform is not ANSI/ALI-ALCTV certified.

- Automatic overload protection
- Independent mechanical locking system
- Microprocessor-controlled synchronization system
- Automatic stop when highest position is reached
- Dead-man's operation
- Splash-proof electrical system (IP65)

Accessories & Options

- Air-Hydraulic Jacking Beams for wheel, brake and suspension maintenance
- Short approach ramps (recessed installation)
- Third platform e.g. for lifting 3-wheel forklift trucks
- Custom RAL color
- Synchronization kit for tandem configuration

More information?

For more or specific information about the ST 4120 or one of the other quality products from Stertil-Koni, please contact us for further assistance.



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