

# 4-POST LIFTS

Ultra 4-Post Platform Lifts 50,000 - 66,000 lbs.

**ster**til **KOMI**<sup>®</sup>



 **ebright**  
SMART CONTROL SYSTEM



ST 4175 - ST 4250

SUPERIOR SOLUTIONS FOR HEAVY DUTY VEHICLE LIFTING



**NO. 1**  
**IN HEAVY DUTY**  
**VEHICLE LIFTING**

Stertil-Koni provides a complete range of heavy duty vehicle lifts and lifting equipment for customers all over the world. All Stertil-Koni vehicle lifts are designed and manufactured in-house by a team of specialists with expertise in the heavy duty vehicle lifting industry. Stertil-Koni is represented across the globe by local sales organisations, exclusive Stertil-Koni distributors, and a network of qualified Stertil-Koni Service partners. This makes Stertil-Koni the Number 1 in heavy duty vehicle lifting around the world.



The Stertil-Koni ST 4175 and ST 4250 vehicle lifts are very versatile and powerful Ultra 4-Post platform lifts. They are widely suitable for any workshop situation. The design ensures maximum working ergonomics under and around the vehicle. Mechanics can work comfortably standing upright and have optimal access to the vehicle and any necessary vehicle maintenance equipment, such as, Axle Stands, Transmission Jacks and Jacking Beams.

#### Safe, Ergonomic and Versatile

- Four robust hydraulic cylinder posts.
- Lifting height of 75".

- Lifting capacity from 50,000 - 66,000 lbs., in tandem configuration up to 132,000 lbs.
- Flexible working range with platform lengths available in 20, 26, 30, 33 or 38 feet.
- Crossbeam-free design allows the ideal width between the platforms to be set during installation. The tracks are adjustable.
- Low drive-on height, ideal for low clearance vehicles.
- Automatic LED lights just above floor level and a warning signal for foot protection.

#### Maximum Productivity

For maximum productivity, both the ST 4175 and the ST 4250 have a programmable lifting height. These two powerful lifts have a very effective lifting speed of 70 seconds and 95 seconds respectively.





# MAXIMUM SAFETY & PRODUCTIVITY

## Ultimate Safety

- Safe, independent mechanical 'always on' gravity operated locking system.
- Obstruction and automatic overload protection.
- Electronic synchronisation system that continuously monitors the position of all cylinders creating safe and smooth lifting and lowering.
- Robust and reliable Stertil-Koni hydraulic system with pressure relief and hose burst valves.



# LOW CLEARANCE & EFFICIENCY



The wide platforms have an extremely low drive-on, ideal for low clearance vehicles, such as public transport buses. The standard approach ramps have a stream-lined effective design.

## Intuitive ebright Smart Control System

- Patented Stertil-Koni easy touchscreen ebright Smart Control System configured for owner and user secure operation.
- Operational use information; height and lifting cycles.
- Preventative maintenance notifications.



- ebright allows two lifts in tandem configuration to be operated at the same time.
- The control console houses the power and operation unit with easy maintenance and inspection access.
- Fitted with manual override lowering in the event of power outage.



 **ebright**  
SMART CONTROL SYSTEM





### Efficiency and Reliability

The Stertil-Koni ST 4175 and ST 4250 have been designed to provide maximum durability and minimum maintenance, tested for at least 50,000 lifting cycles under maximum load. The innovative synthetic runner wheels within the column come with a lifetime parts guarantee.

The very reliable and minimum maintenance Stertil-Koni micro-processor controlled hydraulic system is incorporated into the operational unit of these heavy duty 4-Post lifts. The highly effective electric motor gives outstanding performance with extremely low energy consumption.

# MAXIMUM SAFETY & VERSATILITY



## Extra Versality with the Tandem Configuration

For maintenance, service and repair on very long vehicles both the ST 4175 and the ST 4250 can be configured into one very long platform lift. A tandem configuration which can be operated individually or

simultaneously, ideal for articulated buses or other long vehicle combinations.

## Accessories & Options:

- Axle supports from 18,000 - 26,500 lbs.
- Jacking Beams for wheel-free maintenance.



- Short approach ramps (recessed installation).
- Long fixed approach ramps.
- Third platform for lifting three wheel forklifts.
- Special versions with crossbeams allowing increased lifting capacity of up to 66,000 lbs.



## ST 4175 specifications

Lifting capacity: 50,000 lbs.  
 Lifting system: hydraulic  
 Lifting height: 75"  
 Lifting time: 70 seconds  
 Motor: 4 x 3 hp  
 Weight: 9,900 lbs (29' - 6 1/8")

Model	K	L	A	C	D	F	T	U	X
19'-8 1/16"	24'-5 1/2"	20'-3 9/16"							
26'-2 3/4"	31'-3/16"	26'-10 1/4"							
29'-6 1/8"	34'-3 9/16"	30'-1 9/16"	12'-8 1/16"*	10'-7 5/16"*	27'-9/16"	(23'-5/8")* (47'-1/4")*	9 1/16"	6'-3"	11'-10 7/16"
32'-9 7/16"	37'-6 7/8"	33'-4 15/16"							
37'-8 7/16"	42'-5 7/8"	38'-3 15/16"							

\* Flexible dimensions, depending on the working width.

## ST 4250 specifications

Lifting capacity: 66,000 lbs.  
 Lifting system: hydraulic  
 Lifting height: 75"  
 Lifting time: 95 seconds  
 Motor: 4 x 3 hp  
 Weight: 12,600 lbs (29' - 5 5/16")

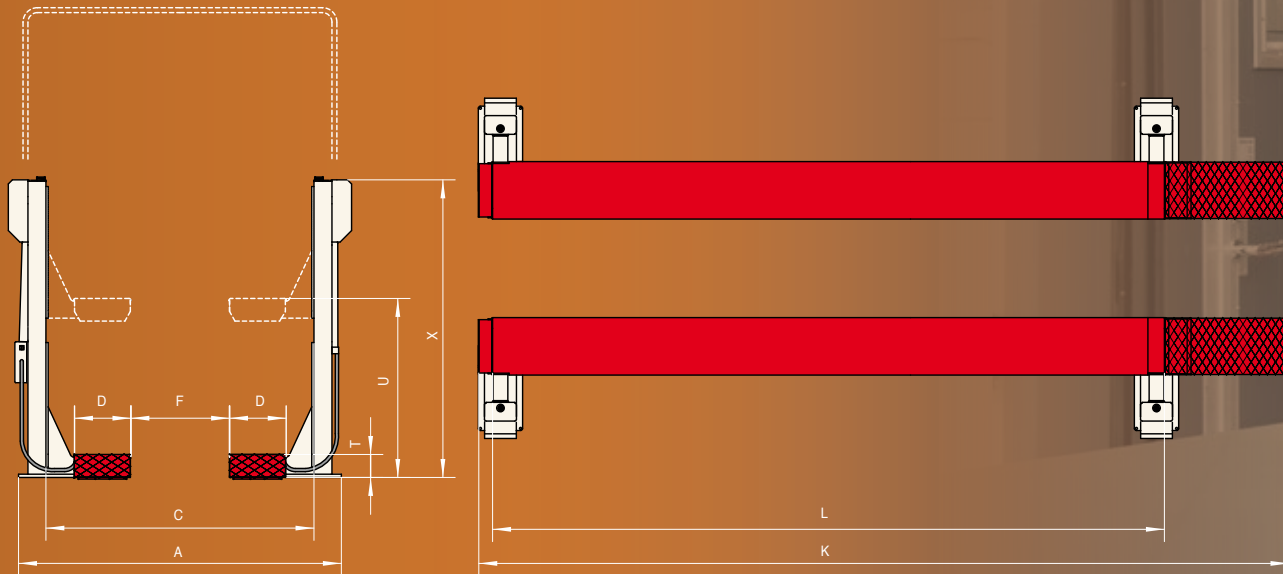
Model	K	L	A	C	D	F	T	U	X
19'-7 11/16"	25'-6 1/8"	20'-3 15/16"							
26'-2 1/18"	32'-13/16"	26'-10 5/8"							
29'-5 5/16"	35'-4 1/8"	30'-1 15/16"	12'-11 7/16"*	10'-9 1/16"*	27'-9/16"	(39'-3/8")* (47'-1/4")*	11 1/4"	6'-3"	11'-11"
32'-9 1/16"	38'-7 1/2"	33'-5 5/16"							
37'-8 1/16"	43'-6 1/2"	38'-4 5/16"							

\* Flexible dimensions, depending on the working width.

Please refer to the Installation and or Operations Manuals for detailed information and specifications.

This product and all other STERTIL® products are protected by patents from various regions and countries.

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## More information

For more information about the ST 4175 - ST 4250 or one of our other heavy duty vehicle lifts, please contact us for further assistance.



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