

# Sterti

**#1 IN HEAVY DUTY VEHICLE LIFTS** 

#### Freedom of Choice

Stertil-Koni's breadth of world-class products meets all ranges of lifting needs — and that's why it is called "Freedom of Choice." In that way, you can select the very best vehicle lifting system to address all your needs.

Equally important, Stertil-Koni delivers unparalleled sales, service and support via a dedicated network of highly focused, factory-trained, exclusive local distributors across North America. These valued partners have an average tenure of more than 14 years with Stertil-Koni.

Our portfolio of customer-driven solutions includes award-winning Mobile Column Lifts, the true vertical rise platform SKYLIFT, the immensely popular inground telescopic piston DIAMONDLIFT, our highly acclaimed inground scissor-style ECOLIFT, the 2-Post FREEDOMLIFT and 4-Post Lifts.















# Mobile Column Lifts: Versatile, Portable and Dependable

Mobile Column Lifts from Stertil-Koni allow service technicians to safely lift a wide range of heavy duty (HD) vehicles quickly and efficiently. From transit buses and delivery vans to pumper trucks and fire engines, from agricultural vehicles and school buses to airport tugs, class 8 tractor trailers and utility trucks, we lift them all. Lifting capacities range from 14,000 lbs. to 40,000 lbs. per column.



- + Available in Wireless, Cabled and EARTHLIFT models
- + Rapid lifting and lowering every time
- Maximum strength with high tensile DOMEX steel
- + Full color touch-screen controls
- + Dependable, safe hydraulic lifting technology
- + Mechanical locking system for added safety
- Overload protection and synchronization
- + Adjustable pickup forks available



# 34 1/2" Fixed front wheels Adjustable forks Retractable front wheels

#### **Three Core Models**

#### **WIRELESS MOBILE COLUMN LIFTS**

No external power source required, no interconnecting cables necessary and hence no risk of tripping — all with minimal set up time. Special, deep cycle batteries only need to be recharged approximately once every two weeks. Easily recharged from standard 110 VAC wall receptacle.

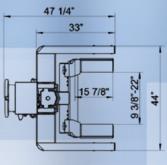
#### **EARTHLIFT®**

The first "green" Mobile Column Lift in the industry. This wireless Mobile Column Lift employs an Active Energy Retrieval System (AERS) that allows up to 50% more lifting cycles before recharging.

#### **CABLED MOBILE COLUMN LIFTS**

Ideal for technicians working in a predominantly fixed location. Connect up to 16 columns in a single configuration. Utilizes building power for dependable lifting, all at an economical price point.

Dimensions shown for: ST 1064 ST 1075 ST 1085



Adjustable forks

# Product Specifications

MODEL	ST1064	ST 1065	ST 1075	ST 1085	ST 1100	ST 1130	ST 1175
Lifting Capacity	14,000 lbs.	14,500 lbs.	16,500 lbs.	18,500 lbs.	22,000 lbs.	29,000 lbs.	40,000 lbs.
Lifting System	Hydraulic						
Lifting Height	73 in.	81 in.	81 in.				
Lifting Time	75 sec	89 sec	75 sec	94 sec	94 sec	215 sec	215 sec
Column Height	97 in.	132 in.	132 in.				

#### **EARTHLIFT®**

### First Environmentally Friendly Vehicle Lift

Recognized as the industry's first "green" Mobile Column Lift, EARTHLIFT columns feature touch-screen controls, wireless operation, are made from components that are 98% recyclable, use biodegradable fluid, and contain batteries that are 100% recyclable.

EARTHLIFT employs an innovative Active Energy Retrieval System (AERS) delivering up to 50% more lifting cycles at maximum load.

Lifting capacities per column range from 18,500 lbs. (ST 1085) to 22,000 lbs. (ST 1100).



World class Mobile Column Lifts are available from Stertil-Koni. Contact us today at 800.336.6637, lifts@stertil-koni.com or find your local Stertil-Koni distributor at www.Stertil-Koni.com/Distributors.

# **Touch-Screen Control**



# True Mobility

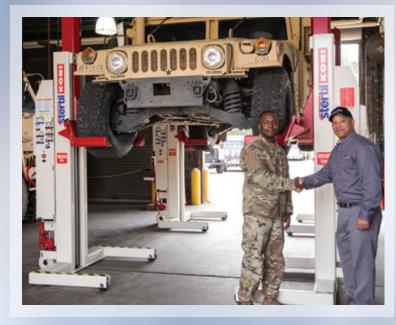
#### Stertil-Koni Lifts Are Truly Portable

Stertil-Koni Mobile Column Lifts are truly "mobile" and easily moved anywhere in the shop. Features include: synthetic wheels and hydraulic pallet truck mechanism with patented overload protection.

You'll help ensure the integrity of your shop floor with Stertil-Koni retractable wheels, which prevent high-point loading, reducing the surface pressure by a factor of 10.



### **Ideal for Military Use** Field Tested, Tough and Ready





Stertil-Koni is proud to support the U.S. Military by delivering award-winning lifting systems engineered to service light, medium and heavy tactical vehicles.

Our Mobile Column Lifts have a Mechanical Locking System for added safety that starts at just 5 inches\* above floor height and continues throughout the full range of travel with locking intervals of 1 3/8".

\* Locking height applies only to the ST 1085 model.

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## Mobile Column Lift Features

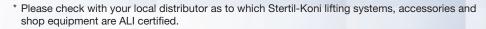
# MODEL FEATURES Touch-screen ebright Smart Control System with key operating information on each column Wireless mesh network with active channel search for optimal connectivity Wireless: battery powered for maximum flexibility Columns communicate with each other via interconnecting cables; energy source is workshop power outlet Adjustable lowering speed for slow or normal lowering as standard Hydraulic pallet truck lifting mechanism with patented overload protection 12" long adjustable fork, suitable for super single tires Fixed synthetic wheels that reduce the floor surface pressure Safe, reliable hydraulic lifting as standard Ultra-safe mechanical locking system

#### **Broadest Range of ALI Certified Heavy Duty Vehicle Lifts**

Stertil-Koni is proud to have the greatest number of heavy duty vehicle lifts that are certified by the industry's independent watchdog organization — the Automotive Lift Institute.\*

The coveted ALI "Gold Label" signifies that a lift has been third-party tested and proven to meet the stringent safety and performance requirements outlined in the safety standard ANSI/ALI ALCTV (current edition).

Lift testing includes verification of the structural integrity of all of a particular lift model's systems and components, proper function of its controls and load-holding devices, correct lowering speeds, and overload protection.







		049	AF	AF	NA PA	A A S	A PE	AN	NA VE	BAF	2AF	OVE	NA	SAS	RAP	SA	WA.	S P	NE RSE
MODEL FEATURES	AA	74	74	74	74	AN	74	77	74	740	ANG	740	ANO	AN	74	N. N.	, N	**	14110
Touch-screen ebright Smart Control System with key operating information on each column	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Wireless mesh network with active channel search for optimal connectivity	•		•		•		•		•		•		•		•		•		•
Wireless: battery powered for maximum flexibility	•		•	•	•		•	•	•		•	•	•		•		•		•
Columns communicate with each other via interconnecting cables; energy source is workshop power outlet		•								•				•		•		•	
Adjustable lowering speed for slow or normal lowering as standard	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Hydraulic pallet truck lifting mechanism with patented overload protection	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
12" long adjustable fork	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•				
14" long adjustable fork, suitable for super single tires																			
Fixed synthetic wheels that reduce the floor surface pressure	•	•	•	•				•	•	•	•								
Safe, reliable hydraulic lifting as standard	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Ultra-safe mechanical locking system	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

#### **MOBILE COLUMN LIFT NAMING KEY**

**V** = Wide Fork

Next letter designates front wheel choice

**F** = Fixed Wheels

**R** = Retractable Wheels

Following letter designates control choice

**S** = VAC Cabled Operation

**B** = VDC Cabled Operation, battery powered

**W** = VDC Wireless Operation, battery powered

**R** = VDC Wireless with Energy Retrieval System, battery powered

Last letter designates fork choice

**F** = Fixed forks

 $\mathbf{A} = \text{Adjustable forks}$ 

Example: ST 1064 FSA = ST 1064 Mobile
Column Lift with Fixed Wheels, Cabled
Operation, and Adjustable Forks

### Mobile Column Lift Accessories Stertil-Koni offers an extensive range of Mobile Column Lift accessories and options tailored to fit your specific needs. **Multipurpose Adapters** Wheels-free lifting has never been easier. The frame-engaging design of Stertil-Koni's

9 1/2"

Multipurpose Adapters adds safety and versatility to Mobile Column Lifts by permitting front/rear vehicle lifting with just two Mobile Columns Lifts.

- Modular design, easy to adapt to various applications
- Individual components can be used to create requirement-specific solutions
- A wide range of vertical height adjusters and contact adapters for various applications are available

#### Standard Adapter | 38000920

- For ST1064, ST1075, ST1085, ST1100
- Capacity: Depends on lift selected
- · Adapter weight: 210 lbs.
- Includes:
- + One adapter pin 1.57 inches diameter
- + Two flat slideable adapters with anti-slip plate

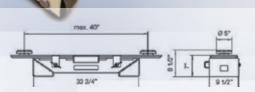
#### Low Profile Adapter | 38000970

- For ST1064, ST1075, ST1085, ST1100
- Capacity: 5,500 lbs.
- · Adapter weight: 176 lbs.
- Includes:
- + Two rubber contact adapters

#### Adapter Cart | 38010950

Stertil-Koni offers an easy-to-maneuver wheeled Adapter Cart for storing two Multipurpose Adapters.





38000920

nav. 48 3/4"

33 3/4"

38000970

Agricultural equipment is easily lifted and serviced with a Multipurpose Adapter



# 49 1/4" max, 41 1/4" min, 7 13/16" 3 9 1/2" 38000950

#### Extra Wide Adapter | 38000950

- For ST1064, ST1075, ST1085, ST1100
- Capacity: Depends on lift selected
- A desired and the concept of
- Adapter weight: 243 lbs.
- Includes:
- Two flat sliding adapter receivers
- Two U-shaped pickup adapters

# 49 1/4" max. 41 1/4" 3" 49 1/4" 19 1/2" 38000990

#### Extended Reach Adapter | 38000990

- For ST1064, ST1075, ST1085, ST1100
- Capacity: 14,500 lbs.
- Adapter weight: 353 lbs.
- Includes:
- Two flat sliding adapter receivers
- + Two U-shaped pickup adapters

# 34 1/2" Max. 48 3/4" 0 1 1/2" 9 1/2" 380 10 9 20

#### Agricultural Adapter | 38010920

- For ST1065
- Capacity: Depends on lift selected
- Adapter weight: 254 lbs.
- Includes:
  - + One adapter pin 1.57"
- + Two flat slideable adapter with anti-slip top plates

#### **Adapter Accessories**

Stertil-Koni offers a wide range of pickup adapters for various purposes.





World class Mobile Column Lift accessories are available from Stertil-Koni. Contact us today at 800.336.6637, lifts@stertil-koni.com or find your local Stertil-Koni distributor at www.Stertil-Koni.com/Distributors.

#### **Crossbeams**

Users requiring Mobile Column Lifts to engage a lifting point other than the tire/rim assemblies (such as a fifth wheel or frame), are able to utilize Stertil-Koni Crossbeams to safely lift a variety of vehicles and trailers.

- + Lift trailers by the chassis
- + Lift trailers at kingpin coupling
- + Lift vehicles with low ground clearance
- Lift three-wheel street sweepers
- + Lift trucks fitted with front and side hanging snow plows

A Low Profile Crossbeam hoists a school bus allowing wheels-free access



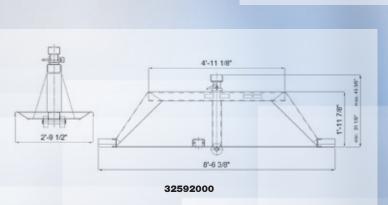
\* All Crossbeams fit all standard Mobile Column Lifts.



#### Low Profile Crossbeam | 32591100

- For ST1064, ST1075, ST1085, ST1100
- Capacity: 18,800 lbs.

A Kingpin Crossbeam supports a military trailer on Mobile Column Lifts



# 10-9-12" 9-0-58" 10-12" 9-0-58" 10-12" 9-0-58" 10-12" 9-0-58" 32591100

#### Kingpin Crossbeam | 32592000

- For ST1064, ST1075, ST1085, ST1100
- Capacity: 16,000 lbs.

#### Traverse Crossbeam | 18-9081A-03

For ST 1064, ST 1075, ST 1085, ST 1100



Traverse Crossbeam makes easy work of lifting vehicles equipped with front and side hanging snow plows



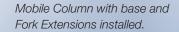
Mobile Column Lifts have a Mechanical Locking System for added safety that starts at just 5" above floor height and continues throughout the full range of travel with locking intervals of 1 3/8"

### **Base Frame & Lifting Fork Extensions**

**Base Frame Extensions** — Used with Lifting Fork Extensions for vehicles with recessed wheels (ST1064, ST1075, ST1085, ST1100)

Fork Extensions — Used with Base Frame Extensions (20" in overall length) for vehicles with recessed wheels (ST1064, ST1075, ST1085 and ST1100)

PER MOBILE COLUMN	LIFTING FORK STYLE	MODEL NO.
14,500 lbs.	Fixed wheels	34400910
14,500 lbs.	Retractable wheels	32710915
14,500 lbs.	Adjustable forks	34200930
14,500 lbs.	Adjustable forks	34200935
14,500 lbs.	Adjustable forks	32700930
	MOBILE COLUMN 14,500 lbs. 14,500 lbs. 14,500 lbs.	MOBILE COLUMN STYLE  14,500 lbs. Fixed wheels  14,500 lbs. Retractable wheels  14,500 lbs. Adjustable forks  14,500 lbs. Adjustable forks



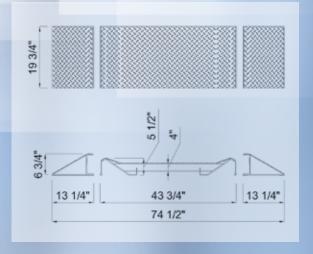
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#### **Large Wheel Adapter**

The Stertil-Koni Large Wheel Adapter is designed to service vehicles and agricultural equipment with extremely large diameter wheels. This Mobile Column Lift Adapter allows lifting of vehicles with wheel diameters of up to 85".

COLUMN LIFT	LARGE WHEEL ADAPTER MODEL	STANDARD WITH ADAPTER KIT
ST1065	32790210	Drive on/drive off ramps
ST1075 & ST1085	59002550	Drive on/drive off ramps
ST1175	32800910	Drive on/drive off ramps





# Remote Control for Mobile Column Lifts

The Stertil-Koni Remote Control allows the operator to utilize the ebright Smart Control System, a 7" full-color touch-screen console on Mobile Column Lifts within the cable range.

- 38007789
- 32½' cable
- Quick disconnect
- Emergency stop for added safety
- Compatible with all Stertil-Koni
   Mobile Column Lifts
- UL Approved



#### **Lighting Fixtures**

Illumination is available for all Mobile Column Lifts via two optional IP-67 rated, UL approved lighting fixtures. These lights ensure that the workspace around the lift is well illuminated to increase safety.

#### Lighting fixtures for:

- VDC wireless columns utilize LED technology | 38008900
- VAC cabled columns utilize fluorescent technology | 38004900

#### Light Kits come with:

- 2 Lights
- Brackets
- Cables



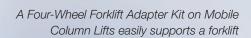


#### **Forklift Adapter Kit**

Stertil-Koni Forklift Adapter kits have been specifically engineered to efficiently lift heavy forklifts, which often have uneven weight distribution between the front and rear axles. Designed for use in conjunction with Stertil-Koni Mobile Column Lifts, these Adapter Kits can safely support up to 32,000 lbs. and work with three- and four-wheel forklifts.

- Direct engagement with forklift body for maximum stability
- + Compatible with three- and four-wheel forklifts
- Wheels-free lifting
- + 10 piece kit for 4-wheel applications
- + 12 piece kit designed for 3-wheel applications
- + Powder coated finish ensuring resistance to corrosion
- + 10 piece Four-Wheel Forklift Adapter Kit | 32593000
- + 12 Piece Three-Wheel Forklift Adapter Kit | 32593100





View of Four-Wheel Forklift Adapter Kit undercarriage



#### **True Vertical Rise Platform Lift**

Stertil-Koni's SKYLIFT is a superior heavy duty platform lift that uniquely provides a "clear floor" concept with a true vertical rise. The SKYLIFT's design includes two independent platforms, vertical lifting, and no crossbeams or base frame. The SKYLIFT delivers free access from all sides and offers easy installation and minimal maintenance. Lifting capacities range from 62,400 lbs. to 78,000 lbs.

# **SKYLIFT**Adjustable to Fit Your Fleet

- + Utilize as a single lift or operate two lifts in tandem
- Can raise extra-long vehicles with platform configurations of up to 100 ft. in length and a total capacity of 156,000 lbs.
- + Flexible with regard to its width; during installation, the width between the platforms can be adjusted to fit any vehicle
- + Innovative Y-shaped construction makes lift streamlined for optimum space savings in the shop

- + Available in Flush, Semi-Flush or Surface Mounted
- + Fully hydraulic with mechanical locking system
- Automatic safeguard against overloading or uncontrolled descent

#### **SKYLIFT Models**

For shop renovations or in new workshops, choose the SKYLIFT model that works best for you.

#### **FLUSH MOUNTED**

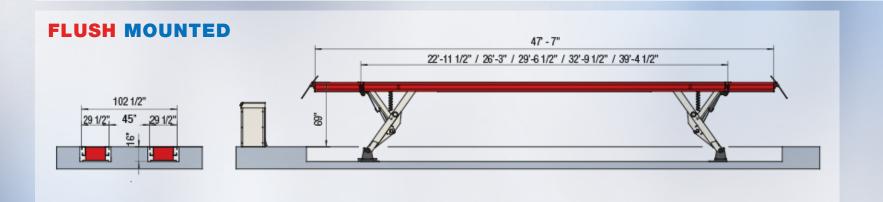
#### **SURFACE MOUNTED**



# Product Specifications

MODEL	SKY 200	SKY 250
Lifting Capacity	62,400 lbs.	78,000 lbs.
Lifting System	Hydraulic	Hydraulic
Lifting Height	69 in.	69 in.
Lifting Time	90 sec	90 sec
Available Platform Lengths (ft)	23, 26, 30, 33, 40, 48	23, 26, 30, 33, 40, 48
Motor Capacity	18 hp	18 hp

# SURFACE MOUNTED 47' - 7" 22'-11 1/2" / 26'-3" / 29'-6 1/2" / 32'-9 1/2" / 39'-4 1/2" 102 1/2" 29 1/2" 45" 29 1/2" 43" 20" 33 1/2"





All SKYLIFT models come standard with a Mechanical Locking System beginning at 4" of rise for added safety

#### Easy Drive-On, Drive-Off

#### **Surface Mounted SKYLIFT**

Standard segmented ramps are provided for drive-on/back-off operation. The opposite end of the platforms are fitted with a standard mechanical end-stop. Additional optional ramps are available in multiple lengths to facilitate access.

#### **Flush Mounted SKYLIFT**

Short transition plates are standard on the Flush Mounted lift. These plates also act as automatic wheel chocks.

World class SKYLIFT models are available from Stertil-Koni. Contact us today at 800.336.6637, lifts@stertil-koni.com or find your local Stertil-Koni distributor at www.Stertil-Koni.com/Distributors.

# SKYLIFT Features

OVERVIEW OF MODELS	SKY 200	SKY 250
"Clear floor" concept with true vertical rise	•	•
Electronic sychronization	•	•
Available in Surface- and Flush-Mounted models	•	•
Full 69-inch rise	•	•
Modular to allow custom platform lengths	•	•
Mechanical locking begins at 4 inches of rise	•	•
Minimal anchoring requirements	•	•
Programmable maximum lifting height	•	•
Galvanized Wash Bay version	$\checkmark$	$\checkmark$
Anti-skid coating on platforms	$\checkmark$	$\checkmark$
LED platform lighting	$\checkmark$	$\checkmark$
Compressed air in platforms	$\checkmark$	$\checkmark$
Automatic recess covers	$\checkmark$	$\checkmark$
Tandem operation	$\checkmark$	$\checkmark$
Remote control	$\checkmark$	$\checkmark$
Stainless steel control box	$\checkmark$	$\checkmark$
Stainless steel base plate	$\checkmark$	$\checkmark$
Jacking beams	$\checkmark$	$\checkmark$





#### **Wash Bay Lift**

The SKYLIFT Wash Bay model is water-resistant for wash bays, steam-cleaning and outdoor spaces. Manufactured with fully hot-dip galvanized platforms, anti-corrosion coating, and a water-resistant stainless steel control box, the Stertil-Koni SKYLIFT Wash Bay is the most rugged of the SKYLIFT models — designed to meet all your heavy duty vehicle lifting and washing requirements. **Available in SKY200 or SKY250 models.** 

#### **Wash Bay Kit includes:**

- + Platforms, drive-on ramps and base plates, hot galvanized
- + Upper/lower mechanical locking teeth with special coating
- + Lifting legs are 3-layer mono-pox coated
- + Stainless steel control box with lockable lid



# Easy Control

#### **Above Ground Controls**

The SKYLIFT power unit and control components are located in an above ground control box. Benefits include:

- + Enhanced safety
- Ease of use
- + No high voltage electric components below ground level
- + Ease of maintenance



#### **SKYLIFT Accessories**

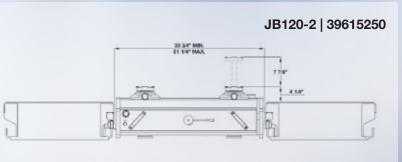
Stertil-Koni offers an extensive range of SKYLIFT accessories and options tailored to fit your specific needs.

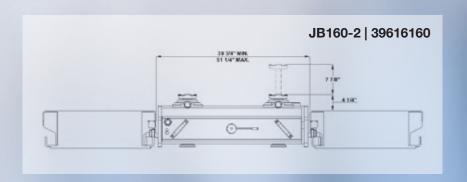


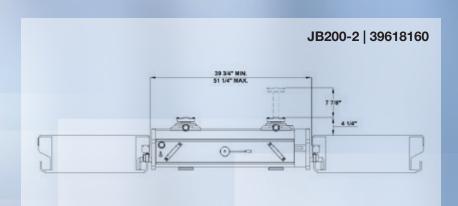
Stertil-Koni Jacking Beams are used for wheels-free access on the SKYLIFT. These air-driven hydraulic twin-piston Jacking Beams come in three models and are available for all SKYLIFTs. Capacities range from 26,400 lbs. to 44,000 lbs.

- Pistons can be operated individually or in tandem
- Equipped with independent Mechanical Locking System with gravity engaged locking pawls
- Transversely sliding pistons
- + Adjustable frame (23 1/4"-35" or 33 1/2"-45 1/4") to fit all lifts
- Hold-to-run controls for safety
- Overload protection
- + Supplied with (2) 4" extensions, plus (2) flat adapters









# Jacking Beam Specifications

MODEL	JB120-2	JB160-2	JB200-2
Capacity	26,400 lbs.	35,200 lbs.	44,000 lbs.
Stroke	7 <sup>7</sup> /8"	7 <sup>7</sup> /8"	7 7/8"
Minimum Height	4 1/4"	4 1/4"	4 1/4"
Maximum Height	4 1/4" + 7 7/8"	$4^{1/4}$ " + $7^{7/8}$ "	$4^{1/4}$ " + $7^{7/8}$ "
Width Range Small Frame	23 1/4" - 35"	23 1/4" - 35"	23 1/4" - 35"
Width Range Wide Frame	33 1/2" - 45 1/4"	33 1/2" - 45 1/4"	33 1/2" - 45 1/4"
Depth	26 <sup>1</sup> / <sub>4</sub> "	26 <sup>1</sup> / <sub>4</sub> "	26 <sup>1</sup> / <sub>4</sub> "
Lifting Points (Distance)	7 <sup>7</sup> /8" - 35 <sup>3</sup> /8"	7 <sup>7</sup> /8" - 35 <sup>3</sup> /8"	7 <sup>7</sup> /8" - 35 <sup>3</sup> /8"
Air Supply	116 - 174 PSI	116 - 174 PSI	120 - 175 PSI
Weight	446 lbs.	446 lbs.	446 lbs.

<sup>\*</sup> The capacity of the jacking beam cannot exceed 0.66 X the lift capacity. Please check with your local distributor as to which Stertil-Koni lifting systems, accessories and shop equipment are ALI certified.





#### **Remote Control**

The Stertil-Koni Remote Control allows the user to operate the lift remotely from the control box. The UL approved remote comes equipped with emergency stop and a 33' cable.

+ Remote control UL approved with 32' 10" cable | **34007940** 

#### **Anti-Skid Options**

Stertil-Koni offers two Anti-Skid options:

- Two-part epoxy coating
- Self-adhesive, peel and stick Aluminum Diamond
   Plates with a high-shine finish | 66701106





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#### **Tandem Lift Synchronization Kit**

Options to

The tandem kit allows two lifts to be operated independently or two lifts operating in tandem.

This tandem SKYLIFT supports an extra-long auto transporter

# **Compressed Air in Platforms**

The Compressed Air in Platforms option allows the addition of a compressed air piping system onto the platforms of the SKYLIFT for convenient use of air tools.

- + Air Installation Kit with 11.5' spiral hose | 39509105
- + Air Pipe Kit with 8' air pipe, brackets and one outlet | 39509100
- + Depending on length of lift, more than one kit may be needed









#### **SKYLIFT Accessories**

Set of two Reverse Roll-Off Protection units containing one left and one right version | 32591100





# fit your needs

#### **LED Lighting**

Stertil-Koni Platform LED lighting is available for SKYLIFT. These lighting kits consist of directional high-output LED lamps. These lamps are virtually unbreakable and as bright as conventional fluorescent tubes. Pre-assembled 40" tubes with transformer and mounting hardware.

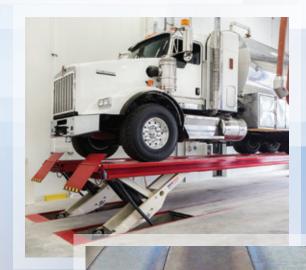
- + Modular plug-and-play design for expandability
- + Slimline design
- + IP-65 water resistant
- + Eco-friendly, ultra-long life LED





SKYLIFT MODELS	PLATFORM LENGTH	LED FIXTURES	LED LIGHTING KIT
SKY 200 / SKY 250	23' 26"	8	41309110
SKY 200 / SKY 250	30' 33"	10	41309120
SKY 200 / SKY 250	40"	12	41309130
SKY 200 / SKY 250	48"	14	41309145
Platform extension		2 plus brackets and cable set	41309135
Factory installation	Any length		OPVL39100

All models come with 1 power transformer / UL approved.





Automatic Pit Cover Plates are an option that utilizes hot-dip galvanized plates as an extendable floor in the foundation of a Flush Mounted SKYLIFT. The Cover Plates travel up as the lift rises.

- + Rated for 3,300 lbs.
- Mechanically locked into place when SKYLIFT is elevated
- Mechanically driven no additional power requirements



### DIAMONDLIFT

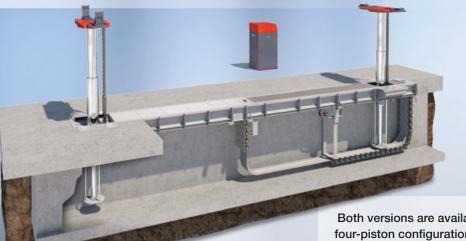
# State-of-the-Art Inground Piston DIAMONDLIFT

The Stertil-Koni telescopic piston
DIAMONDLIFT has set a new industry
standard for inground lifts. Whether you are
constructing a new facility, renovating a
workshop, or have challenging building
conditions, the DIAMONDLIFT can be
configured to meet your needs. It is available
in two-, three-, and four-piston configurations
to satisfy all of your fleet requirements.

- + Lifting capacity up to 35,000 lbs. per piston
- + Electronically synchronized for maximum safety and convenience
- Hard-chrome plated piston rods for ultimate protection against corrosion, wear and debris
- Mechanical Locking System utilizes a hardened locking rod for safe lifting and lowering
- Above ground, free-standing console provides easy access
- Utilizes advanced, full color touch-screen technology, the ebright Smart Control System, for fingertip control
- Low oil volume only 4.8 gallons of biodegradable hydraulic fluid required per piston
- Skid-resistant anodized aluminum trench covers with 13,500 lbs. drive-over load
- + ALI Gold Certification Label
- + Continuous Recess® movable lifting system available

#### Frame and Cassette Versions Available

DIAMONDLIFT models are available in two versions, providing customers with Freedom of Choice for a variety of workshop situations.



#### **FRAME VERSION**

Engineered for concrete foundations, it offers tailor-made travel ranges thanks to its modular configuration. This style of DIAMONDLIFT can be installed in existing pits, delivering substantial time savings and cost-benefits.

Both versions are available in two-, three-, and four-piston configurations with a lifting capacity of up to 35,000 lbs. per piston or a total of 140,000 lbs. in the four-piston configuration.

#### **CASSETTE VERSION**

Engineered with a pre-fabricated, seamless steel containment that is coated with Stertil-Koni's DiamondGuard eliminating any concerns about electrolysis, corrosion and the possibility of workshop fluids contaminating the environment. Travel ranges are 10, 13 and 17 feet.



#### **Mechanical Locking System**

Stertil-Koni provides a robust Mechanical Locking System independent of the hydraulic cylinder on all DIAMONDLIFT models. When lowered onto the locks, the vehicle is fully supported by solid steel locking rods — eliminating the possibility of unexpected lowering.



DIAMONDLIFT Mechanical Locking System

# Product Specifications

DIAMONDLIFT MODEL	64/2 PISTON	70/2 PISTON	96/3 PISTON	105/3 PISTON	128/4 PISTON	140/4 PISTON
Lifting Capacity	64,000 lbs.	70,000 lbs.	96,000 lbs.	105,000 lbs.	128,000 lbs.	140,000 lbs.
Lifting Height	73 in.					
Pit Depth	72 in.					
Travel Range	10, 13, 17 ft.					
Minimum Wheel Base	48 in.					
Lifting Time	90 sec					
Compressed Air	90 PSI at 5CFM					
Electrical	208-230/460/575	208-230/460/575	208-230/460/575	208-230/460/575	208-230/460/575	208-230/460/575
Motor Power	2 X 5 hp	2 X 5 hp	3 X 5 hp	3 X 5 hp	4 X 5 hp	4 X 5 hp

#### **Continuous Recess®**

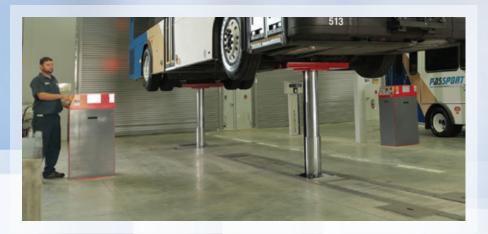
All DIAMONDLIFT models are now available with the optional Continuous Recess® system. Designed to accommodate low-clearance vehicles, the Continuous Recess® system allows the movable lifting unit to be lowered into the floor anywhere within its range of travel and move horizontally while fully recessed. The result? Users can safely lift articulated buses, transit buses and other low-clearance vehicles without risking undercarriage damage.





### DIAMONDLIFT Features

#### DIMINIT TOCK **DIAMONDLIFT MODELS** est for forest 36 de geert 36 de gelech 102 de greek 102 de gelech 102 de greek 102 de gelech 102 de greek 10 DIAMONO TOF **FEATURES OVERVIEW** Freestanding control console with ebright Smart Control System Touch-screen with important information about the system, e.g., lifting height, operation mode Quantity of lifting units Seamless steel containment box (cassette) Engineered for concrete foundations Home pocket allowing movable lifting unit to be recessed into the floor at dedicated park position only Continuous Recess® allowing movable lifting unit to be recessed into the floor anywhere within range of travel Liquid detection (detects accumulation of liquids in the pit) Automatic sump pumps **KEY** Standard ✓ Option



#### **Above Ground Controls**

The DIAMONDLIFT power unit and control components are located in an above ground console.

- Enhanced safety
- Ease of use
- Durability not exposed to corrosive pit environment
- No need to access a pit
- No high voltage electric components below ground level
- Ease of maintenance



#### **DIAMONDLIFT Accessories**

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



#### **Inground Adapter Kits**

Inground Adapter Kits are engineered to facilitate more efficient lifting by engaging the front and rear lifting points on buses and trucks. One kit is expressly designed for transit buses and another is suitable for both trucks and school buses.

Stertil-Koni's school bus and truck adapters are constructed to be wider and taller, while transit bus adapters are flatter and broader. The adapters are optimized for both new vehicles with the latest axles as well as older vehicles that have been on the road for some time.

Each kit contains various front and rear adapters and is included, as standard, with new inground lift purchases from Stertil-Koni.

- + Transit bus adapters | APF01-00D
- School bus and truck adapters | APF02-00D

#### Remote Control | RBV050-00

An optional, detachable, wired Remote Control is available. This full-function Remote Control with an Emergency Stop operates in addition to the lift's standard control console. The Remote Control comes with 35' cable and quick disconnect.

A longer cable is available upon request.



## Convenient and







#### Differential Adapter | A34122-00

The Stertil-Koni DIAMONDLIFT Differential Adapter allows vehicles to be lifted by the rear differential. Lifting by the rear differential is particularly helpful when the axle tube (the typical lifting point for most heavy duty vehicles) is obstructed by sway bars, automatic snow chains, or other elements that make it difficult to reach the axle tube.

The adapter is ideal for lifting and servicing small, medium and large pickup trucks, as well as smaller school buses, with a maximum axle weight of 10,000 lbs. The adapter is an ALI/ALCTV certified accessory for all models of DIAMONDLIFT.

This adapter "cradles" the differential and is self-centering due to its spring-loaded ball bearings (meaning it centers itself underneath the differential), making the setup and use quick, easy, convenient and safe.

Once engaged, the spring-loaded ball bearings retract and allow full contact between the Differential Adapter and the lifting bolster to ensure safe and stable lifting.

# Stertil-Koni Offers Easy Storage Solutions



#### **Adapter Cart**

ST130-00

- Heavy duty casters allow for easy relocation
- Allows storage of all adapters



AS100-00

- Fixed model anchors to the floor
- Allows storage of all adapters



## Safe



#### **Automatic Sump Pump**

D662P-00

Stertil-Koni offers Automatic Sump Pumps to remove any accumulation of liquids (e.g. snow melt, rain water runoff, leaked shop fluids) from lift pits.

## Red/Green Stack Light

**BEACON-00** 

The Home Light beacon, when illuminated green, informs the operator that all lifting units are fully lowered and it is safe for the vehicle to enter or exit the bay.





The state-of-the-art DIAMONDLIFT provides heavy duty lifting in a variety of workshop situations





## Inground Scissor ECOLIFT

The Stertil-Koni ECOLIFT is the industry's leading ultra-shallow, full-rise, axle-engaging inground scissor lift. It is ideal for lifting buses, trucks, utility vehicles and many other heavy duty vehicles. Maintenance techs appreciate that ECOLIFT provides full access to the vehicle undercarriage while delivering wheels-free lifting. It is available in two-, three-, and four-scissor configurations, to satisfy all of your fleet requirements.



U



- + Lifting capacity of 30,000 lbs. per lifting unit
- Electronically synchronized for maximum safety and convenience
- Ultra-shallow pit design at 34"
- Mechanical Locking System for safe lifting and lowering
- + Above ground free-standing console provides easy access
- Utilizes advanced, full color touch-screen technology, the ebright Smart Control System, for fingertip control
- Low oil volume only 3.5 gallons of hydraulic fluid required per scissor
- + Skid-resistant anodized aluminum trench covers with 13,500 lbs. drive-over load
- + ALI Gold Certification Label
- + Continuous Recess® movable lifting system

## Product Specifications

ECOLIFT MODEL	ECO 60	ECO 90	ECO 120
Lifting Capacity	60,000 lbs.	90,000 lbs.	120,000 lbs.
Lifting Height	70 in.	70 in.	70 in.
Pit Depth	34 in.	34 in.	34 in.
Travel Range	10, 13, 17 ft.	10, 13, 17 ft.	10, 13, 17 ft.
Minimum Wheel Base	48 in.	48 in.	48 in.
Lifting Time	90 sec	90 sec	90 sec
Compressed Air	90 PSI at 5CFM	90 PSI at 5CFM	90 PSI at 5CFM
Electrical	208-230/460/575	208-230/460/575	208-230/460/575
Motor Power	2 X 5 hp	3 X 5 hp	4 X 5 hp



## **Mechanical Locking System**

Stertil-Koni provides a robust Mechanical Locking System independent of the hydraulic cylinder on all ECOLIFT models. When lowered onto the locks, the vehicle is fully supported by high-tensile steel teeth for added safety, eliminating the possibility of unexpected lowering.





#### **Standard Continuous Recess®**

All ECOLIFT models come standard with the Continuous Recess® system. Designed to accommodate low-clearance vehicles, the Continuous Recess® system allows the movable lifting unit to be lowered into the floor anywhere within its range of travel and move horizontally while fully recessed. The result? Users can safely lift articulated buses, transit buses, and other low-clearance vehicles without risking undercarriage damage.

## **ECOLIFT** Features

ECOLIFT MODEL	<b>ECO</b> 60	ECO 90	ECO 120
Free-standing control console with ebright Smart Control	•	•	•
Touch-screen with important information about the system, e.g., lifting height, operation mode	•	•	•
Quantity of lifting units	2	3	4
Continuous Recess® allowing movable lifting units to be recessed into the floor anywhere within range of travel	•	•	•



#### **EASY INSTALLATION**

Stertil-Koni ECOLIFT is the leading relocatable inground lifting system. Delivered to your site, pre-assembled and tested, its drop-in/bolt-in design makes the installation process quick and easy. Plus, there are no lift components embedded in concrete, also minimizing installation time and expense.

#### **ULTRA-SHALLOW CONSTRUCTION**

The ultra-shallow ECOLIFT foundation – only 34" deep – is the solution to challenging soil conditions such as bedrock and high ground water.

#### FREE-STANDING CONTROL UNIT

The ECOLIFT above ground free-standing console provides easy access and utilizes advanced, full color touchscreen technology – the ebright Smart Control System, for fingertip control.

#### **ECO-FRIENDLY**

ECOLIFT utilizes high pressure, low volume cylinders requiring only 3.5 gallons of hydraulic fluid each, reducing its carbon foot print.

World class ECOLIFT models are available from Stertil-Koni. Contact us today at 800.336.6637, lifts@stertil-koni.com or find your local Stertil-Koni distributor at www.Stertil-Koni.com/Distributors.



#### **ECOLIFT Accessories**

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

#### **Inground Adapter Kits**

Inground Adapter Kits are engineered to facilitate more efficient lifting by engaging the front and rear lifting points on buses and trucks. One kit is expressly designed for transit buses and another is suitable for both trucks and school buses.

Stertil-Koni's school bus and truck adapters are constructed to be wider and taller, while transit bus adapters are flatter and broader. The adapters are optimized for both new vehicles with the latest axles as well as older vehicles that have been on the road for some time.

Each kit contains multiple front and rear adapters, and are included, as standard, with new inground lift purchases from Stertil-Koni.

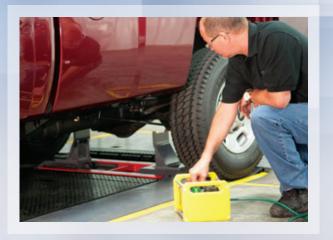
- Transit bus adapters | APF01-00E
- + School bus and truck adapters | APF02-00E



Truck and School Bus adapters APF01-00E



Transit Bus adapters APF02-00E



#### Remote Control | RBV050-00

An optional, detachable, wired Remote Control is available. This full-function Remote Control with an Emergency Stop operates in addition to the lift's standard control console. The Remote Control comes with 35' cable and quick disconnect.

A longer cable is available upon request.

#### **Stertil-Koni Offers Easy Storage Solutions**



#### **Adapter Cart**

ST110-00

- Heavy duty casters allow for easy relocation
- Allows storage of all adapters and floor cover plates

#### **Adapter Stand** AS100-00

- Fixed model anchors to the floor.
- Allows storage of all adapters



#### **Red/Green Stack Light**

**BEACON-00** 

The Home Light beacon, when illuminated green, informs the operator that all lifting units are fully lowered and it is safe for the vehicle to enter or exit the bay.







## Product Specifications

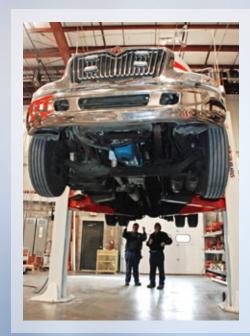
MODEL	SK 2.16EFA	SK 2.16	SK 2.20	SK 2.26	SK 2.30
Lifting Capacity	16,000 lbs.	16,000 lbs.	20,000 lbs.	26,000 lbs.	30,000 lbs.
Lifting Height	80.7 in.	80.6 in.	77.9-78.5 in.	77.9-78.5 in.	77.9-78.5 in.
Pick-up Height	5.82-7.91 in.	5.82-7.82 in.	5.1-5.7 in.	5.1-5.7 in.	5.1-5.7 in.
Minimum Single Telescopic Arm Length	N/A	N/A	38.2 in.	38.2 in.	38.2 in.
Maximum Single Telescopic Arm Length	N/A	N/A	63.4 in.	63.4 in.	63.4 in.
Minimum Double Telescopic Arm Length	19.5 in.	35.4 in.	35.4 in.	35.4 in.	35.4 in.
Maximum Double Telescopic Arm Length	56.3 in.	77.2 in.	76.4 in.	76.4 in.	76.4 in.
Lifting Time	58 sec	58 sec	58 sec	95 sec	95 sec
Motor Size	4 hp				

All models offer flexible dimensions.

**Optimize Work Space with** 

**FREEDOMLIFT** 

The Stertil-Koni 2-Post FREEDOMLIFT combines peak performance and safety through a symmetrical, open-floor design that optimizes workspace in the shop. This 2-Post Lift is quick and easy to install due to the short height of the posts and its minimal base plates. Engineered to lift a broad range of medium and heavy duty vehicles, capacities of the FREEDOMLIFT range from 16,000 lbs. to 30,000 lbs.





## FREEDOMLIFT Features

2-POST FREEDOMLIFT MODEL	2.16-EFA	2.16-33	2.20-22	2.20-23	2.20-33	2.26-22	2.26-23	2.26-33	2.30-22	2.30-23	2.30-33
Electronic Syncronization	•	•	•	•	•	•	•	•	•	•	•
Programmable Maximum Lifting Height	•	•	•	•	•	•	•	•	•	•	•
No Overhead Crossbeam	•	•	•	•	•	•	•	•	•	•	•
Two Stage Arms			•	•		•	•		•	•	
Three Stage Arms	•	•		•	•		•	•		•	•
Automatic Arm Restraints	•	•	•	•	•	•	•	•	•	•	•
Second Control Box	$\checkmark$										
Post Lighting	$\checkmark$										
Wide Range of Adapters	$\checkmark$										

#### **Automatic Arm Restraints**

✓ Option

- Independent Mechanical Restraint System engages when the lift rises above floor level.
- Locking pawl engaged by gravity

Standard

KEY



#### **Two or Three Stage Arms**

Stertil-Koni FREEDOMLIFT is available with Two-Stage or Three-Stage Arms or a combination of both. Different arm configurations can be chosen for various widths between the columns. The 2-Post Lift is constructed with integrated sliding plates in the arms to ensure easy adjustment.





#### **FREEDOMLIFT Accessories**

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

## 2-Post Lift Adapters & Height Extensions

For lifting a variety of vehicles, Stertil-Koni has designed a wide-range of stackable adapters.

#### **LED Lighting**

#### 35000950

Designed with safety in mind, the Stertil-Koni LED Lighting Set brightly illuminates the undercarriage of the raised vehicle. The 2-Post FREEDOMLIFT series LED Lighting Set is water-resistant, UL approved and comes with four LED lights, a power transformer, brackets and cables.

- Modular plug-and-play design for expandability
- Slimline design
- + 24VDC operation
- + Eco-friendly, ultra-long life LEDs

#### **Model SK 2.16**

- 1 Telescopic threaded pickup points, range 6" to 9" | 330003915
- 2 Externally threaded bushing to hold any contact adapter | 35000301
- 3 Flat rubber capped contact adapter with external threads to provide height adjustment 5" | 30003100
- 4 Support extension 1.5" | **35000306**
- **5** Support extension 3.5" | **37003909**
- Support extension 6.3" | **37003916**
- 7 Support extension 10" | 37003925

#### Models SK 2.20, SK 2.26 & SK 2.30

- 1 Toothed steel slip-in pickup pad, square 4 5/16" | 39225983
- 2 Flat steel pickup pad | 4310.09.04.00
- 3 U-shaped steel pickup pad | 4310.09.06.00
- 4 V-shaped steel pickup pad | 4310.00.05.00
- 5 Support extension 1.5" | **35000306**
- 6 Support extension 3.5" | **37003909**
- 7 Support extension 6.3" | **37003916**
- 8 Support extension 10" | **37003925**





World class FREEDOMLIFT accessories are available from Stertil-Koni. Contact us today at 800.336.6637, lifts@stertil-koni.com or find your local Stertil-Koni distributor at www.Stertil-Koni.com/Distributors.





## Product Specifications

MODEL	ST 4120	ST 4175	ST 4250	ST 4600
Lifting Capacity	30,000 lbs.	50,000 lbs.	66,000 lbs.	132,000 lbs.
Lifting System	Hydraulic	Hydraulic	Hydraulic	Hydraulic
Lifting Height	74.5 in.	75 in.	75 in.	74 in.
Lifting Time	90 sec	72 sec	72 sec	190 sec
Motor	1 X 7.5 hp	4 X 3 hp	4 X 3 hp	4 X 3 hp

ST 4120-4	15 π.	
ST 4120-6	20 ft.	
ST 4120-8	26 ft.	
ST 4120-10	33 ft.	
ST 4175-6	20 ft.	
ST 4175-8	26 ft.	
ST 4175-9	30 ft.	
ST 4175-10	33 ft.	
ST 4175-11.5	38 ft.	
ST 4250-6	20 ft.	
ST 4250-8	26 ft.	
ST 4250-9	30 ft.	
ST 4250-10	33 ft.	
ST 4250-11.5	38 ft.	

**Available Runway Lengths** 

**Runway Length** 

39 ft.

Model

ST 4600-12

#### **4-Post Platform Models**

#### **ST 4120**

Ideal for vans, trucks and forklift trucks, the Stertil-Koni 4-Post Lift is recognized as one of the most advanced and unique medium capacity lifts in the industry. The ST 4120 has a space-saving design with a hydraulic cylinder in every post. It is electronically synchronized with potentiometers linked to a microprocessor that precisely monitors parallel lifting of the two platforms.

#### ST 4175

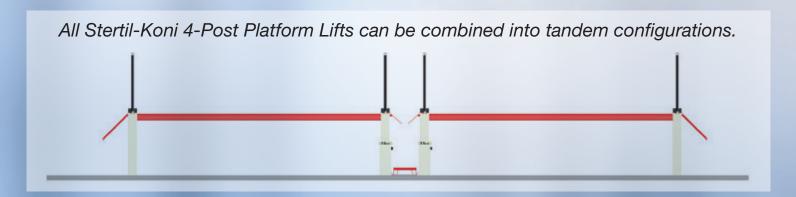
Completely free of crossbeams, this Platform Lift ensures total access to the vehicle. In addition, the drive-on height is just 9½" and it has an always active Mechanical Locking System.

#### ST 4250

This unique Platform Lift delivers a robust capacity of 66,000 lbs. The ST 4250 is also free of crossbeams and engineered with low-maintenance hydraulics.

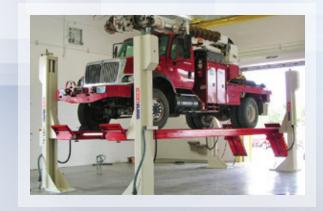
#### **ST 4600**

This model is regarded as the largest Platform Lift of its type in North America. Its lifting capacity is 132,000 lbs. with extra-long platform length at 39'.



## 4-Post Lift Features

OVERVIEW OF MODELS	4120	4175	4250	4600
No Crossbeams		•	•	
Electronic Synchronization	•	•	•	•
Programmable Max. Lifting Height	•	•	•	•
Adjustable Platform Spacing	•	•	•	•
Anti-Skid	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
Runway Lighting	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
Air in Runways	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
Tandem Operation	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
Third Ramp for 3-Wheel Forklifts	$\checkmark$			
Remote Control	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
Jacking Beams	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
<b>KEY</b> • Standard	✓ Optio	n	/	

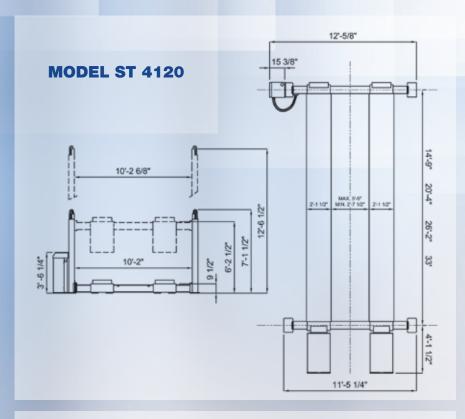


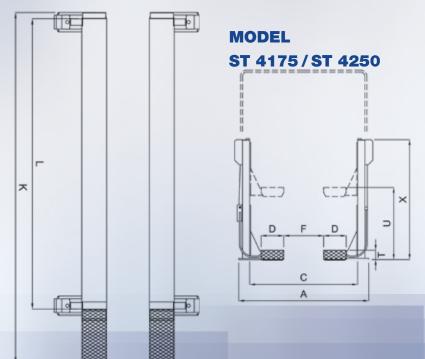


# SCHEMATIC KEY

ST 4175	K	L	A	C	D	F	T	U	X
19' - 8 <sup>1</sup> /16"	24' - 5 <sup>1</sup> / <sub>2</sub> "	20' - 3 <sup>9</sup> /16"							
26' - 2 <sup>3</sup> / <sub>4</sub> "	31' - 3 3/16"	26' - 10 <sup>1</sup> / <sub>4</sub> "				(23' - <sup>5</sup> /8")*			
29' - 6 <sup>1</sup> /8"	34' - 3 <sup>9</sup> / <sub>16</sub> "	30' - 1 <sup>9</sup> / <sub>16</sub> "	12' - 8 <sup>1</sup> / <sub>16</sub> "	10' - 7 5/15"	27' - <sup>9</sup> /16"		9 1/16"	6' - 3"	11' – 10 <sup>7</sup> /16"
<b>32' - 9</b> <sup>7</sup> /16"	37' - 6 <sup>7</sup> /8"	33' - 4 <sup>15</sup> / <sub>16</sub> "				(47' - ¹/4")*			
37' - 8 <sup>7</sup> /16"	42' - 5 <sup>7</sup> /8"	38' - 3 <sup>15</sup> / <sub>16</sub> "							
ST 4250	K	L	A	C	D	F	T	U	X
<b>ST 4250</b> 19' - 7 11/16"	<b>K</b> 25' - 6 1/8"	<b>L</b> 20' - 3 <sup>15</sup> /16"	A	C	D	F	Т	U	X
			A	C	D	(39' - 3/8")*	т	U	X
<b>19'</b> – 7 <sup>11</sup> / <sub>16</sub> "	25' - 6 <sup>1</sup> /8"	20' - 3 <sup>15</sup> / <sub>16</sub> " 26' - 10 <sup>1</sup> / <sub>4</sub> "	12' - 11 <sup>7</sup> / <sub>16</sub> "		<b>D</b> 27' - <sup>9</sup> /16"		T 11 1/4"	<b>U</b> 6' - 3"	<b>X</b> 11' – 11"
19' - 7 <sup>11</sup> / <sub>16</sub> " 26' - 2 <sup>1</sup> / <sub>8</sub> "	25' - 6 ½" 32' - ½/16"	20' - 3 <sup>15</sup> / <sub>16</sub> " 26' - 10 <sup>1</sup> / <sub>4</sub> "							

<sup>\*</sup> Flexible dimensions, depending on working width





#### 4-Post Lift Accessories

Stertil-Koni offers an extensive range of 4-Post Lift accessories and options tailored to fit your specific needs.

#### **LED Lighting**

Designed with safety in mind, these LED lighting sets brightly illuminate the undercarriage of the raised vehicle. LED Lighting Sets are available for all platform sizes. The UL approved sets include LED fixtures, a power transformer and cables.

- Modular plug-and-play design for expandability
- + Slimline design
- 24VDC operation
- Eco-friendly, ultra-long life LEDs



4-POST MODELS	PLATFORM SIZE	LED FIXTURES	LED LIGHTING KIT
ST 4120	15'	4	41229350
ST 4120	20'	6	41219350
ST 4120	26'	8	41209350
ST 4120	33'	10	41239350
ST 4175/4250	20'	6	42539170
ST 4175/4250	26'	8	42519170
ST 4175/4250	30' & 33'	8	42529170
ST 4175/4250	38'	12	42549170

World class 4-Post Lifts are available from Stertil-Koni. Contact us today at 800.336.6637, lifts@stertil-koni.com or find your local Stertil-Koni distributor at www.Stertil-Koni.com/Distributors.



#### **Compressed Air in Platforms**

Stertil-Koni offers a system with parts and hardware to install a compressed air piping system into the platforms of the 4-Post Lift, allowing connection for vital air tools.

The Compressed Air Installation Kit comes with an 8' air pipe, one outlet and an 11' slimline hose. This provides an approximate 20' reach.

- Air kit for ST 4120, ST 4175, ST 4250 comes with 8' air pipe, brackets and one outlet | 39509100
- Hose kit for ST 4120, ST 4175, ST 4250 comes with 11.5' spiral hose | 39509105
- Depending on length of lift, more than one kit may be needed

## Third Platform for Forklifts



Stertil-Koni offers a Third Platform for raising and servicing three-wheel forklifts, only available with ST 4120.

- + For platform length 49"- capacity 4,000 lbs. Not used in combination with long drive-on/off ramps. | **41209100**
- For platform length 49"- capacity 4,000 lbs. Used only in combination with long drive-on/off ramps | 41209200







#### **Remote Control**

The Stertil-Koni Remote Control allows the user to operate the lift remotely from the control box. The UL approved remote comes equipped with emergency stop and a 33' cable.

+ Remote control UL approved with 32' 10" cable | **34007940** 





Smart Options



## Jacking Beam Specifications

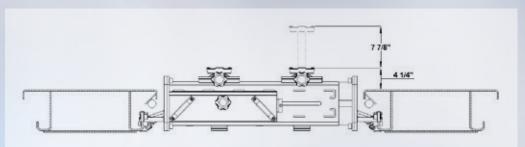


Stertil-Koni Jacking Beams are used for wheelsfree access on 4-Post Lift models. These air-driven hydraulic twin-piston Jacking Beams come in four models and are available for all 4-Post models. Capacities range from 17,600 lbs. to 44,000 lbs.

- + Pistons can be operated individually or in tandem
- Equipped with independent Mechanical Locking
   System with gravity engaged locking pawls
- Transversely sliding pistons
- + Adjustable frame (23 1/4"-35" or 33 1/2"-45 1/4") to fit all lifts
- Hold-to-run controls for safety
- Overload protection
- + Supplied with (2) 4" extensions, plus (2) flat adapters

MODEL	JB80-2	JB120-2	JB160-2	JB200-2
Capacity	17,600 lbs.	26,400 lbs.	32,500 lbs.	44,000 lbs.
Stroke	7 7/8"	7 7/8"	7 <sup>7</sup> /8"	7 <sup>7</sup> /8"
Minimum Height	4 1/4"	4 1/4"	4 1/4"	4 <sup>1</sup> /4"
Maximum Height	$4^{1}/4" + 7^{7}/8"$	$4^{1}/4" + 7^{7}/8"$	$4^{1}/4$ " + $7^{7}/8$ "	4 <sup>1</sup> /4" + 7 <sup>7</sup> /8"
Width Range Small Frame	23 1/4" -35"	23 1/4" -35"	23 1/4" -35"	23 1/4" -35"
Width Range Wide Frame	33 1/2" -45 1/4"	33 1/2" - 45 1/4"	33 1/2" -45 1/4"	33 1/2" - 45 1/4"
Depth	26 <sup>1</sup> / <sub>4</sub> "	26 <sup>1</sup> / <sub>4</sub> "	26 <sup>1</sup> / <sub>4</sub> "	26 <sup>1</sup> /4"
Lifting Points (Distance)	7 7/8" -35 3/8"	$7^{7}/8" - 35^{3}/8"$	$7^{7/8}$ " $-35^{3/8}$ "	7 <sup>7</sup> /8" –35 <sup>3</sup> /8"
Air Supply	116-174 PSI	116-174 PSI	116-174 PSI	120-175 PSI
Air Consumption	92.5 gpm	92.5 gpm	92.5 gpm	92.5 gpm
Weight	446 lbs.	446 lbs.	446 lbs.	446 lbs.

<sup>\*</sup> The capacity of the jacking beam cannot exceed 0.66 X the lift capacity. Please check with your local distributor as to which Stertil-Koni lifting systems, accessories and shop equipment are ALI certified.





#### **Extended Length Ramps**

Additional ramps are available in multiple lengths to facilitate the lifting of very low-clearance vehicles. Various lengths and accessories are available upon request.

Set of long drive on/off ramps, length 63" | 41209010

World class 4-Post Lift accessories are available from Stertil-Koni. Contact us today at 800.336.6637, lifts@stertil-koni.com or find your local Stertil-Koni distributor at www.Stertil-Koni.com/Distributors.

## Sterti KORI

Superior Solutions for Today's Maintenance & Servicing Demands

## Great equipment to support great lifts



Stertil-Koni USA is the leader in the heavy duty vehicle lift industry, recognized for its state-of-the-art bus lifts and truck lifts. Stertil-Koni brings the very best in engineering and technologically advanced lifting solutions to its customers throughout North America, as well as unparalleled after-sales service from its factory-trained local distributors. The Stertil-Koni product range offers everything a shop needs to safely and effectively accomplish a broad range of maintenance and servicing requirements – quickly, efficiently and expertly.







## Support Stands

Stertil-Koni's Support Stands, indispensable for many of today's leading shops, are engineered to support trucks, buses and other heavy vehicles facilitating a variety of maintenance practices.

All Stertil-Koni Support Stands are statically tested to 200% of the rated load capacity.

#### **Tilt & Roll**

- Heavy steel framing manufactured to the highest industry standards
- Ergonomic design promotes health and safety
- Secure locking pin with steel retaining cable
- Advanced mobility with built-in wheels
- Spring-loaded center tube
- Up to six inches of fine adjustment via an ACME screw (model dependent)

MODEL	CAPACITY	HEIGHT	HEAD
SKCV 5480-07	14,000 lbs.	54"-80"	1 fixed steel head
SKCP 5278-09	18,000 lbs.	52"-78"	1 fixed steel head
SKMH 3658-12	24,000 lbs.	36"–58"	2 interchangeable heads
SKMH 5480-12	24,000 lbs.	54"-80"	2 interchangeable heads
SKCVP 3658-18	36,000 lbs.	36"–58"	1 fixed wooden head
SKCVP 5480-18	36,000 lbs.	54"-80"	1 fixed wooden head

#### **No Wheels**

MODEL	CAPACITY	HEIGHT	PIN/ADJUST	WEIGHT
SKCP 1220-10	20,000 lbs.	12"-20"	Pin stop	27 lbs.
SKCV 1828-10	20,000 lbs.	18"–28"	Fine adjust	57 lbs.
SKCP 1830-10	20,000 lbs.	18"–30"	Pin stop	39 lbs.
SKCP 2644-10	20,000 lbs.	26"-44"	Pin stop	42 lbs.



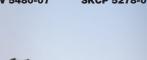








SKCV 5480-07







**SKCV 1828-10** 



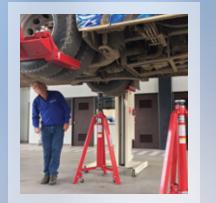
SKMH 5480-12





**SKCP 1830-10 SKCP 2644-10** 









JS-L12



JS- M12 / JS-H12

#### **Fixed Model**

- + Heavy steel framing manufactured to the highest industry standards
- + Ergonomic design promotes health and safety
- Secure locking pin with steel retainer
- + 4 pin stops
- Fixed flat adapter

MODEL	PRODUCT NO.	CAPACITY	HEIGHT	WEIGHT
JS-L12	39225650	26,500 lbs.	14"-21"	40 lbs.

#### **Folding Models**

- Heavy steel framing manufactured to the highest industry standards
- Ergonomic design promotes health and safety
- Comes with flat adapter, U-shape adapter and V-shape adapter
- Fine adjuster
- Folding with casters
- Certified by the American Society of Mechanical Engineers (ASME) safety standards for Portable Automotive Service Equipment (PASE)
- Optional space-saving storage bracket

MODEL	PRODUCT NO.	CAPACITY	HEIGHT	LOCK POS.
JS-M8	39225645	18,000 lbs.	30"-51"	7
JS-H8	39225625	18,000 lbs.	50"-80"	10
JS-M12	39225635	26,500 lbs.	30"-51"	7
JS-H12	39225615	26,500 lbs.	50"-80"	10

Safe & Essential





## Hydraulic Transmission Jacks

**Transmission removals can be daunting.** Simplify the task with a durable and reliable Stertil-Koni heavy duty Hydraulic Transmission Jack. Our Hydraulic Transmission Jacks are engineered to safely facilitate the removal of transmissions as well as other unwieldy undercarriage components while reducing the physical toll on the shop technician.

#### **Motorized**

- Full hydraulic operation: compressed air or battery powered
- \* X-style base frame for additional stability and access to under chassis components
- + Lifting speed of 30" per minute
- + Compressed air model includes regulator, filter, and lubricator
- Battery model includes smart charger
- + Hand pump to fine-tune positioning
- Large support table with bidirectional tilt with nylon retaining straps
- + Tilt up to 12 degrees
- + Swiveling locking rear wheels to facilitate narrow radius turns

MODEL	CAPACITY	POWER	TABLE SIZE	BASE SIZE
SKTJ 401-A	3,500 lbs.	Pneumatic	26"X16"	38"X52"
SKTJ 401-C	3,500 lbs.	Pneumatic	16"X13"	38"X52"
SKTJ 401E-A	3,500 lbs.	12 VDC	26"X16"	38"X52"
SKTJ 402-B	3,500 lbs.	Pneumatic	20"X14"	34"X48"
SKTJ 402E-B	3,500 lbs.	12 VDC	20"X14"	34"X48"



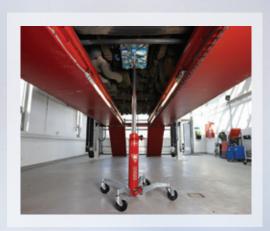
#### **SKTJ 402**

**SKTJ 402** 



- Easy to use manual hydraulics, foot activated
- Galvanized support saddle and base frame
- Precise adjustment for positioning of transmission
- Hand-operated dead man's release for optimum safety when lowering
- Built-in overload valve
- Sturdy swivel castors for stability and maneuverability

MODEL	PRODUCT#	CAPACITY	HEIGHT	CRADLE SIZE	WEIGHT
TJ10	39640200	2,200 lbs.	46"-78"	22"X22"	88 lbs.
TJ12	39640250	2,640 lbs.	35"-75"	28"X28"	154 lbs.

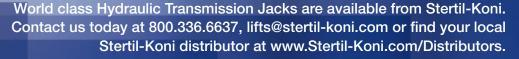


**TJ-10** 



**TJ-12** 

### **SKTJ 402** Jobs Made Simple





## **Manual Transmission Jack Options**

#### **Heavy Duty Adjustable Saddle**

#### Product #39630140

- + Capacity 2,200 lbs.
- + 10° tilt in all directions for accurate dismounting and re-mounting of transmissions
- Low minimum height for wide range of applications
- Table dimensions 20"X15"
- Includes 2 straps and 4 magnetic rubber support blocks
- + Weight 55 lbs.

#### **Saddle**

#### Product #9059500

- + Round steel contact adapter
- + For mounting springs, fuel tanks, etc.

#### **Rubber Lifting Cushion**

#### Product #3601400

- + Used with saddle #9059500
- Protects vehicle body

\* Options not available on all models.











## Sterti KORL

Number One in Heavy Duty Vehicle Lifts

# Keep your fleet mobile with Stertil-Koni

#### **EARTHLIFT**

**Mobile Column Lift** 

#### DIAMONDLIFT

In-Ground Piston Lift

#### **ECOLIFT**

In-Ground Scissor Lift

#### SKYLIFT

**Platform Lift** 

#### **MULTI-POST**

2- and 4-Post Lifts



## Wheel Dollies

Wheel and tire maintenance ranks among the most back-breaking tasks in maintenance shops across North America. Add ergonomic convenience to your facility with the Stertil-Koni Wheel Dolly and the picture gets brighter. This fully hydraulic versatile shop tool offers support for virtually all heavy vehicle wheel assemblies, from vans, buses, and trucks to agricultural, military, and industrial machinery. Additionally, it offers support for brake drums, fuel tanks, and other ungainly overhead maintenance.

#### **Motorized**

- + Fully hydraulic operation: powered by compressed air or 12 VDC battery
- + Easily handles single and dual wheel applications
- + Lifting forks incorporate rollers to allow rotation of wheel assembly to align wheel studs
- + Lifting forks tilt through activation of hand pump for precision bearing alignment
- Tilt is 10 degrees above and 4 degrees below horizontal
- Nylon retaining strap secures load
- Protective steel cover to prevent foot injuries and increase stability
- Wheel diameter is 36" to 48"

MODEL	CAPACITY	POWER	LIFTING HEIGHT	SPEED PER MINUTE
SKWD 501*	850 lbs.	Pneumatic	52"	78"
SKWD 500	1,000 lbs.	Pneumatic	52"	78"
SKWD 500E	1,000 lbs.	12 VDC	52"	78"
SKWD 500D74	1,000 lbs.	Pneumatic	74"	78"
SKWD 500E74	1,000 lbs.	12 VDC	74"	78"

<sup>\*</sup> Counterbalance design for Platform Lifts









**SKWD 501** 

Key Player in Shop

## Ol Vo

**WDA 500** 



**SKWD 500D74** 

## Safety

#### **Manual Operation**

- Specially designed adjustable side lifting arms accommodate agricultural and industrial wheels with larger diameters and widths — even deep tread tractor tires
- Lifting arms incorporate rollers to allow rotation of wheel assembly for proper alignment
- + Robust and easy to use wheel retaining bracket for added safety
- + Simple manual operation by foot

MODEL	PRODUCT#	CAPACITY	LIFTING POWER	WHEEL HEIGHT	DIAMETER
WDA 500	39650100	1,100 lbs.	Manual	28"	10"–51"
WD 1500NT*	39650200	3,300 lbs.	Manual	54"	39"–94"
WD 1500N*	39650150	3,300 lbs.	Manual	54"	39"–94"

<sup>\*</sup> Agriculture use

### Manual Wheel Dolly Option

#### **Crane Arm**

#### Product #39650210

- + For model WDA500
- Capacity 550 lbs.
- Mounted telescopic crane arm transforms the WDA into a universal lifting tool
- Offers efficiency and good ergonomics when lifting disc brakes, brake drums, calipers, etc.
- + Swivels aside for quick reversion to wheel removal operation
- Fitted with 360° pivoting hook



**WD 1500NT** 

World class Wheel Dollies are available from Stertil-Koni. Contact us today at 800.336.6637, lifts@stertil-koni.com or find your local Stertil-Koni distributor at www.Stertil-Koni.com/Distributors.



## Floor Pit Jacks

Stertil-Koni has taken a traditional standard air hydraulic pit jack and made it better.

The Floor Pit Jack is an air hydraulic jack with telescopic piston, fitted with leaf spring support bearings for smooth gliding along the pit floor. This Floor Pit Jack is designed to operate on pit floor surfaces safely, thereby not depending on pit edges that are often not reinforced or sufficiently strong.

#### **Floor Running**

- + Rapid, precise air/hydraulic unit with high speed piston travel up and down
- + Built-in manual foot pump for easy and precise adjustment
- + Flexible pit jack for use both in pits and under vehicles
- Ideal for removal and replacement of transmissions due to telescopic piston
- Traversing piston ensures a wide reach under the vehicle and enables the mechanic to move freely back and forth in the pit (Model FPJ150U)
- + Spring loaded wheel support prevents unintended movements when lifting more than 1,760 lbs.
- Dead man's release and safety overload valve for optimum safety

MODEL	PRODUCT#	CAPACITY	PISTON	HEIGHT**	BASE
FPJ 150 F	39660100	33,000 lbs.	Single	87"	33"X39"
FPJ 150 U*	39660200	33,000 lbs.	Single	87"	33"X42"

<sup>\*</sup> Telescopic and sideways movable cylinder



Multi-Use. Versatile. Hardworking.



## T4-1



T6-1



39630121



### Floor Pit Jack Options

#### **Adjustable Crossbeams**

MODEL	PRODUCT#	CAPACITY	HEIGHT	ADJUST RANGE
T6-1	39630135	28,600 lbs.	3"	28"–48"
T6-2	39615135	28,600 lbs.	3"	28"–48"
T4-1	39630125	33,000 lbs.	4"	7"–29"
T4-2	39615130	33,000 lbs.	5"	7"–29"

#### **Transmission Tables**

Product #39660210 and AS3, Product #3966140

- + Capacity 1,100 lbs.
- + Table dimensions 20" x 15"
- + For single piston models

#### **ABT Variable Support Bridge**

Product #39630121

- + Capacity 33,000 lbs.
- + For safe and stable support of the vehicle
- + Open frame offers optimum traversing cylinder mobility
- With leaf spring wheels for easy transport along the pit
- Usable with various adapters
- + For use with FPJ jacks

#### **AB Support Bridge**

Product #39630120

- Capacity 44,000 lbs.
- + For safe and stable support of the vehicle
- + With leaf spring wheels for easy transport along the pit
- + Usable with various adapters

## Light Up Your Workspace

#### **LED Magnetic Flood Light**

Providing portable, area-specific under-vehicle lighting is vital to ensuring shop safety and efficiency. Whether techs are doing routine maintenance, removing components or installing new parts, lights brighten the environment and help reduce overall repair time. The Stertil-Koni LED Magnetic Flood Light is a portable, magnetic, high-intensity 800 lumens LED light engineered to easily affix to a broad range of metal surfaces commonly found in vehicle maintenance shops.



#### Product #69700141

- + Includes: lamp, battery, charging unit and tripod
- Provides up to 800 lumens of directed light
- Powered by rechargeable lithium-ion battery
- Die-cast aluminum housing
- + IP65 dust and water resistant
- Strong magnetic base
- + 110 VAC charging cord Product #69700146











## Trustworthy

"Service and support from Stertil-Koni is something our maintenance staff gets directly involved in. Stertil-Koni's support has been outstanding, which is why we buy their products. It has been a long lasting successful partnership.

Would I buy another Stertil-Koni product? Would I recommend Stertil-Koni? Yes, I would."

Bob Graden
 Plant Manager
 Vac-Con
 Green Cove Springs, Florida



"D'Annunzio & Sons always bases its choices on quality — with the final, customer project in mind. We have quality people, equipment, and vehicle lifts — all of which positively impact job performance and completion time."

John Cafro
 Equipment Manager
 D'Annunzio & Sons, New Jersey

Pictured to left is Matthew Morgan, Principle at Stertil-Koni Distributor, Hoffman Services Inc.



