Available with SHOCKWAVE<sup>™</sup>







odel Shown: SL210N10G0 10,000 lbs. capacity Inground Lif

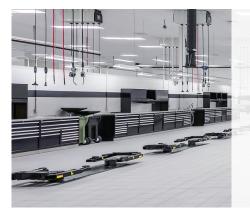
# Rotary SMARTLIFT<sup>®</sup> Inground Lift Series

### The concept is simple...and SMART!

Start with productivity, the ease of use kotar and the space saving footprint of an inground lift and add the lifting technology  $\bigcirc$ of a surface lift. Mix that with superior serviceability, unparalleled customization options and lower total cost of ownership than any other lift. Ask any service provider who owns one of the over 75,000 SmartLifts in service today. They'll tell you that nothing matches up to the original SmartLift.

#### DESIGN ADVANTAGE Rotary

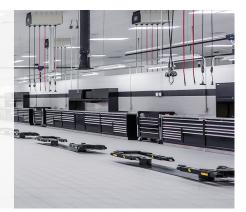
From every angle, we've designed SmartLift® to help you get the most from your service facility - from a partner you can trust!



### Maximize Space, Productivity and Lower Your Total Cost of Ownership

Reduce your facility's square footage with a clean, open and aesthetically pleasing service area.

A smaller footprint means increased vehicle access while working efficiently around the lift.



Shown: SL210N10G0 10,000 lbs. capacity

### Environmental Responsibility

No EPA concerns with this inground design. Smartlifts are environmentally friendly and fully contained in a single piece polymer composite housing.



### **Deliver Lifting Speed**-Supercharge with SHOCKWAVE™

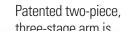


SHOCKWAVE<sup>™</sup> equipped lifts are the fastest lifts in the world. Accelerate your productivity and increase service numbers per bay immediately!

### Minimize Downtime and Lower Your Service Costs with Patented EasvAccess™

With the EasyAccess<sup>™</sup> cylinder design routine repair time is cut by as much as 75% - less downtime = more revenue.

### Discover the Versatility of TRIO<sup>™</sup> Arms



three-stage arm is interchangeable with three types of vehicle adapters all

on the same low-profile arm design!

# Profit from SMARTLIFT<sup>®</sup> Lower your total cost of ownership

### Rotary SmartLifts begin to pay you back immediately with a quick R.O.I. and lower total cost of ownership over the life of the lift.

Because SmartLifts have a smaller footprint than comparable surface lifts, you can reduce the size of your facility OR install more lifts. See the R.O.I. chart to the right.



*Less lift space means lower construction costs, smaller utility bills and bigger savings over the life of your shop.* 

### 5 MONTH PAYBACK SURFACE vs. INGROUND LIFTS

Type of Lifts:	Surface	Inground
Length / size of shop:	132 feet	132 feet
Number of bays / lifts:	11 (12' wide bay)	12 (11' wide bay)
Approximate price per lift installed:	\$4,600 USD**	\$11,500 USD**
Total installed lift cost:	\$50,600 USD**	\$138,000 USD**
Difference in initial cost:	\$87,400	USD**
Avg. annual service and parts per lift / bay:	\$223,00	0 USD**
Annual revenue / shop:	\$2,453,000 USD	\$2,676,000 USD
Additional revenue w/ inground:	\$223,00	D USD**
Additional monthly revenue with inground:	\$18,583	B USD**
Payback Time: Difference in initial cost and additional monthly revenue	5 mo	nths

\*132' shop length is the point at which 11 surface lift bays = 12 SmartLift bays. \*\*all costs are estimated

# Environmental Responsibility It's up to all of us

Since it's introduction, SmartLifts have been installed worldwide, making it the number one choice for environmentallyresponsible inground lifts.

### **The SMARTLIFT® Green Features:**

- SmartLifts have been selected in key LEED projects.
- Can use up to only 10 quarts of "Bio-fluid"
- A **closed system** housed in a recycled polymer composite containment which protects the environment and the lift.
- **Minimal utility usage**. The SmartLift uses only .045 kWh of electricity and .01 cfm of air per lifting cycle.
- Shockwave's™ patent pending DC power system gives you lower cost and more reliable operation while using two standard Group 24 batteries.\* Shockwave's built in battery charger uses 110v power - not 220v - eliminating expensive wiring and utility costs.
- Steel components and housing can be harvested and recycled again at the end of the lift's lifecycle.
- Minimal packaging and shipping materials from local suppliers.

Go with the proven original and be both environmentally responsible and profitable. \*Batteries not included *The solution for a smarter facility* INSTALL SMARTLIFT. SAVE SPACE AND MONEY. PRESERVE THE ENVIRONMENT.

# Same number of lifts with less space *can mean over \$70,000 in savings! See chart below.*

Service Shop Width	7	0'							
Space Saved with Inground	1 /	′ 12							
Average Building Cost / Sq. Ft.	\$106.75 USD**								
Number of Lifts in Each Shop	2	20							
Number of Lifts on Each Side of Shop	1	0							
	Surface	Inground							
Min Recommended Bay Width	12′	11′							
Min Recommended Shop Length	120'	110'							
Shop Size (sq. ft.)	8400	7700							
Difference in Shop Area	700 Squ	lare Feet							
Facility Savings	\$74,72	5 USD							

\*\* Source: www.reedconstructiondata.com

# **SMARTLIFT** Versatility Greater productivity = higher profits

# SMARTLIFT TRIO Inground Lift Series

**SL210** / 10,000 LBS.CAPACITY **SL212** / 12,000 LBS.CAPACITY



NOW AVAILABLE ON THE 10,000

and 12,000 lbs. CAPACITY

SMARTLIFTS!

Available with SHOCKWAVE

### PATENTED SMARTLIFT<sup>®</sup> TRIO<sup>®</sup> ARMS

THREE STAGES OF FLEXIBILITY IN A TWO-PIECE ARM DESIGN EQUALS FASTER SPOTTING SPEED WITH 18% GREATER REACH!

ROTARY LIFT

### VERSATILITY

SMARTLIFT TRIO™ lifts are three arm configurations in one arm design that accommodate a wider range of vehicles. Versatility in matching the right adapters on a single lift is a win for any service bay. Adapters are interchangeable with three vehicle contact options for the SL210\*.

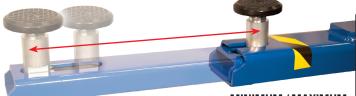
### **STAGE ONE REACH**

Stage one adapter micro adjustment range at full arm retraction\*\*.

> Shown: SL210N10G0 10,000 lbs. capacity Shown with polymer round adapters

# STAGE TWO REACH

Single inner arm shown at full retraction and full extension\*\*



MINIMUM / MAXIMUM 2ND STAGE ARM RANGE and ADAPTER ADJUSTMENT

### STAGE THREE REACH

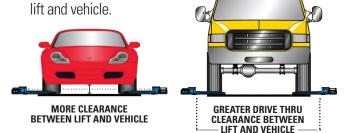
The patented, integrated "third stage" adapter adjustment easily and quickly slides the adapter to a pinpoint vehicle contact location without moving heavy inner arms saving the technicians' set-up time.



MINIMUM / MAXIMUM 3RD STAGE ARM ADAPTER ADJUSTMENT

### **GREATER DRIVE THRU CLEARANCE! PATENTED** LOWER PROFILE YOKE DESIGN WITH LOW DRIVE OVER PAD

The lower contoured profile allows for easier entry and exit to service bay and additional drive thru clearance between



\*SMARTLIFT SL210 TRIO LIFTS COME STANDARD WITH YOUR CHOICE OF FA, RA OR TA ADAPTERS. EACH ADDITIONAL ADAPTER SET IS SOLD SEPARATELY. TA ADAPTERS ARE STANDARD ON 12,000 LBS. CAPACITY SL212 TRIO LIFTS.

\*\* SHOWN WITH RA ADAPTER WITH OPTIONAL ADAPTER EXTENSION.

# SMARTLIFT<sup>®</sup> Performance Features and serviceability

### Easier serviceability with these Smartlift features means a lower total cost of ownership.

WITH SMARTLIFT, NO ADDITIONAL EQUIPMENT IS NEEDED There are no hidden costs for special compressors, airlines or equipment!

SmartLift's proven design operates easily on typical shop air system, at only 90-120 psi.

**PATENTED** TRIO<sup>™</sup> 2-PIECE, 3-STAGE ARM with integrated "third stage" adapter adjustment.

**3-POSITION WHEEL** SPOTTING DISH

Helps techs spot vehicles correctly every time.

### **EXCLUSIVE Smartguard**<sup>®</sup> **COATED PLUNGERS**

Prevent corrosion and increase the service life of vour lift.

### **GREASE FITTINGS** ACCESSIBLE AT **GROUND LEVEL**

Easy access for technicians.

### **EASY TO REMOVE NON-SKID CENTER COVER**

Allows for all interior systems maintenance to be performed from



the surface. Air fittings, hydraulic hoses, and air lock

cylinder can be easily serviced.

### LOCKING SYSTEM

Engages every 3", is fully accessible for maintenance and has lower to lock function at the power unit.

**PATENTED EXCLUSIVE, LOCKING SYSTEM** FOR TROUBLE-FREE OPERATION

The locking mechanism uses a patented cylinder which features stainless steel

and polymer construction for maximum corrosion resistance and service life.



### **PATENTED** LIQUID DETECTION SYSTEM PREVENTS DOWNTIME

On LDS equipped lifts, the patented system signals the user if liquid accumulates in the containment.



The lift is protected from the environment and the environment is protected from the lift.





PATENTED

**EasyAccess**<sup>™</sup>

**REDUCE ROUTINE** 

**CYLINDER REPAIR TIME** 

BY AS MUCH AS 75%!

Reduce routine cylinder repair time with this patented feature and . save hours of downtime.

# Customize SMARTLIFT<sup>®</sup> For your service facility

# **SHOCKWAVE**<sup>™</sup> **Equipped Smartlifts**

# SUPERCHARGE YOUR LIFT WITH AND MAKE YOUR SMARTLIFT 2X FASTER!

The fastest lifts in the world accelerate your productivity immediately, increase your number of service orders per bay, and can earn you more than \$50,000 IN EXTRA PROFIT!\*

SHOCKWAVE Performance Package Includes:

### DC Power System **REDUCES OPERATING COSTS!**

Shockwave's patent pending DC power system gives you lower cost and more reliable operation while using two standard Group 24 batteries.\*\* Shockwave's built in battery charger uses 110v power, eliminating the need for expensive 220v wiring resulting in an installation savings of 80% or more! This option for speed is available for all SMARTLIFT models!



Battery-operated power units can be wall or pedestal mounted.



### **SPOTLINE**<sup>™</sup> Motion Activated Laser HELPS SPOT VEHICLES THE FIRST TIME!

Center vehicles in bays quickly and accurately using this laser-guided system.

2X Faster Rise

and Descent Times!

19 SECOND DESCENT TIME

25 SECOND RISE TIME





\*Actual results from an auto dealership using a SHOCKWAVE-equipped lift. Results may vary. \*\*Batteries not included \*\*\*Actual rise and descent times may vary depending on weight of the vehicle.

Retrofit your exisiting SMARTLIFT with SHOCKWAVE productivity! Consult your Rotary<sup>®</sup> representative for details.

# **TRIO**<sup>™</sup>Adapter Kits

VERSATILE TRIO™ ARM ADAPTERS ARE **INTERCHANGEABLE WITH THREE OPTIONS\*** Technicians can choose the best optional adapter set for their lifting needs!

### Flip-Up Adapters

Three-position adapters for quick positioning on a variety of pick-up points.





**Optional adapters for SL210 TRIO lift** 



Multiple auxiliary extended height adapters are available for use when raising certain vans or pickup trucks. Contact the factory for details.

### **Round Adapters**

Adapters thread-up to allow protection of the vehicle underbody components or undercoating for no metal to metal contact.

> SET OF 4 / KIT #T100272 **Optional adapters for SL210 TRIO lift** Also available for use with stackable inserts

### Truck Adapters

Auxiliary adjustable thread-up adapter with rubber pads allow for protection of underbody vehicle components or undercoating

SET OF 4 / KIT #T100273

### **Optional adapters for SL210 TRIO lift** STANDARD adapters on SL212 TRIO lift

Required use when lifting trucks and frame vehicles Also available for use with stackable inserts

### STACKABLE ADAPTERS

Light-weight steel construction designed to provide additional lifting height when vehicles require additional clearance. Standard on SL210-TA and SL212 lifts



Shown: KIT#T100271 Set of (4) 3.5" and set of (4) 5" tall extensions

\*SMARTLIFT SL210 TRIO lifts come standard with your choice of FA, RA or TA adapters. Each additional adapter set is sold seperately. TA adapters are standard on 12.000 lbs. capacity SL212 TRIO lifts.

# **SMARTLIFT**<sup>®</sup> **Operating Controls POWER UNIT CONFIGURATIONS**

### **Conventional Controls**

Efficient and easy to use, power units feature a heavy-duty electric motor with single "up" button switch and a single lowering valve release handle.\*





#### **One Touch Control with** Liquid Detection System

Raising and lowering the lift is simplified with a single button. The lift can be

lowered and the safety locks disengaged with one finger.\*

Power units can be wall mounted or on a pedestal stand.

\* Increase the rise speed of your lift 22% with an optional 3-phase power unit.



Bench controls improve your facility's image and increase your technician's productivity. Available for conventional and SHOCKWAVE-equipped lifts. Contact Rotary for details.



# **SMARTLIFT**<sup>®</sup> Lifting Options / Capacities SL212-TA with TRIO<sup>®</sup>ARMS

12,000 lbs. capacity

Shown: SL212N1110 12,000 lbs. capacity inground lift

CAPACITY: 10,000lbs. (4536kg)

SL212-TA / Designed for light and medium duty trucks and vans now with three-stage TRIO arms to accomodate a

wider range of vehicles.

Comes standard with lightweight, adjustable thread-up aluminum truck adapters with rubber pads. A set of (4) 3.5" and set of (4) 5" stackable adapter inserts are standard.



Available with

**SHOCKWAVE**<sup>™</sup>

#### PATENTED SMARTLIFT®TRIO<sup>®</sup>ARMS THREE STAGES OF FLEXIBILITY IN A TWO-PIECE ARM DESIGN

### SL210-DOR Drive-On Lifts 10,000 lbs. capacity

Space saving column free design with the added versatility and quick vehicle positioning capabilities of a drive on lift. Available with optional drive-thru ramp kit.

ROTARY LI



#RJ6000Y 6,000lbs. capacity

for brake, tire, and suspension work.

# **SMARTLIFT** Specifications



SMARTLIFT In Ground Lifts	SL210-FA Flip Up Adapters	SL210-RA Round Adapters	SL210-TA Truck Adapters	SL212 Truck Adapters								
AVAILABLE WITH SHOCKWAVE			II	II=								
Capacity		10,000 lbs. (4536kg)		12,000 lbs. (5443kg)								
Lifting Capacity (per arm)		2,500 lbs. (1134kg)		3,000 lbs. (1361kg)								
A. Rise*	75 7/8" - 81 3/8" (1927-2067mm)	75 5/8" - 81 7/8" (1920-2080mm)**										
B. Width Overall		98 1/2" (2502mm)										
C. Drive-Thru Clearance	88" (2235mm)											
D. Reach (minimum)	21 1/4" (540mm)	22" (559mm)										
E. Reach (maximum)	44 5/8" (1133mm)	46" (1179mm)										
F. Reach (overall arm min.)	59 1/4" (1505mm)	58" (1473mm)										
G. Reach (overall arm max.)	106" (2692mm)	106" (2692mm)										
H. Min Adapter Height	4 7/8" (124mm)	4 5/8" (117mm)**										
I. Low Step Height	7" (178mm)	N/A	N/A	N/A								
J. High Step Height	10 1/2" (266mm)	5 3/8" (136mm)**	5 3/8" (136mm)**	5 7/8" (149mm)**								
Guide Plunger Diameter		8 1/2"	(216mm)									
Time of Full Rise / Descent WITH SHOCKWAVE		57 secs. / 29 secs. 30 secs. / 19 secs.										
Voltage Single Phase †		208v - 230v	/ 110v with SH0	CKWAVE								
Electrical Usage Ø		.01kWh	per cycle									
Min Bay Size	11' X 24' 3353 X 7315mm) 12' X 26' (3658 X 7925mm)											
* Rise measures lowest or hig	hest position of the su	upplied adapters from fl	oor to full cylindar stro	ke								

\*\* Measured to polymer pad † Optional 3-Phase electrical available.

Ceiling height required equals rise plus height of tallest vehicle without adapter extensions.

Standard color of SL210 / SL212 lifts are red and blue unless otherwise noted. Grav and black are available at no additional charge. Additional colors may be available, consult your Rotary® representative for details.

RAL3002 RAL5005 RAL7040 RAL9005

SL210-MP8 **Quick Service Drive-Over Lift Pads** 

8,000 lbs. capacity

Moveable, easy sliding, low profile MP8 lift pads allow for quick and accurate vehicle spotting and lifting with no center obstructions.

#### **INCLUDED WITH THE SL210-MP8**

Two (2) composite polymer rubber adapter pad kits. Pads are placed on platforms for vehicle spotting.



SMARTLIFT SL210-MP8 In Ground Drive-Over Lift with Moveable Pads AVAILABLE WITH SHOCKWAYE	SL210-MP8
Capacity	8,000 lbs. (3629kg)
A. Rise*	73 3/8" (1864mm)
B. Width Overall	78 1/4" (1987mm
C. Width Between Supports	36 3/4" (934mm)
D. Reach (pad min.)	29 3/4" (756mm)
E. Reach (pad max.)	74 3/4" (1898mm)
F. Width of Pick-up Area	20" (508mm)
G. Min. Adapter Height	2 - 3/8" (60mm)
Lifting Capacity (per pad)	2,000 lbs. (907kg)
Guide Plunger Diameter	8 1/2" (216mm)
Motor	2 HP
Voltage Single Phase †	2HP, 208-230v / 110v**
Time of Full Rise / Descent	53 secs. / 24 secs.
WITH SHOCKWAVE	25 secs. / 19 secs.
Min. Bay size	11'x24' (3353x7315mm)

\* Rise measures highest position of the drive-over pad from floor to full cylindar stroke

† Optional 3-Phase electrical available.

\*\* With SHOCKWAVE-equipped lift

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Ceiling height required equals rise plus height of tallest vehicle without adapter extensions.

# SMARTLIFT<sup>®</sup> Optional Lift Accessories



# assistPRO<sup>™</sup> Facility Planning Service

### **MAXIMIZE SERVICE SPACE FOR GREATER PRODUCTIVITY**

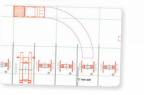
Rotary Lift is committed to helping design professionals meet their customer's goals of highly efficient, profitable and environmentally-friendly vehicle repair and service facilities.

An accurate layout is critical to maximizing your shop's space. Each year Rotary Lift assists hundreds of customers with planning support for their vehicle service facilities.

You need the right equipment, the right specifications, the right drawings, and the right partner.

You've found them.







### SUPPORT BEFORE THE SALE No charge facility layout assistance

### With Rotary assistPRO, you get:

- Custom layouts of your facility with vehicle turning radii and traffic flow analysis based on the vehicles it will service
- Information rich Revit® BIM models

Go to www.rotarylift.com for additional support information.

Rotary		L		F	Т	-	Δ		Ρ	F	2			2	4	Ζ.	Т		С	)[			$\mathbf{C}$	3	ι	J		D	)E				
										DRIVE-ON / FOUR POST & SCISSOR								MOBILE COLUMNS							LOG		MODULAR / INGROUND & SCISSOR						
VEHICLE CLASS GVW: Gross Vehicle Weight	6,000 lbs.	7,000 lbs.	10,000 lbs.	8,000 lbs.	10,000 lbs.	12,000 lbs.	7,000 lbs.	10,000 lbs.	12,000 lbs.	16,000 lbs.	20,000 lbs.	12,000 lbs.	14,000 lbs.	18,000 lbs.	30,000 lbs.	36,000 lbs.	50,000 lbs.	60,000 lbs.	52,000 lbs.	72,000 lbs.	78,000 lbs.	108,000 lbs.	144,000 lbs.	30,000 lbs.	36,000 lbs.	45,000 lbs.	50,000 lbs.	75,000 lbs.	100,000 lbs.	60,000 lbs.	70,000 lbs.	90,000 lbs.	105,000 lbs.
CLASS 1 Under 6,000 lbs. GVW	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•				
CLASS 2 6,001 to 10,000 lbs. GVW			•		•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•				
CLASS 3 10,001 to 14,000 lbs. GVW									•	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
CLASS 4 14,001 to 16,000 lbs. GVW										•	•			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
CLASS 5 16,001 to 19,500 lbs. GVW											•			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
CLASS 6 19,501 to 26,000 lbs. GVW															•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
CLASS 7 26,001 to 33,000 lbs. GVW															•	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•
CLASS 8 33,001 lbs. and over GVW																•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•

**NOTE**: This reference guide indicates that the noted lift is applicable to the vehicle based on typical vehicle weights, lengths and wheelbases. All information should be verified before purchasing a lift.



Rotary Lift 2700 Lanier Drive Madison, IN 47250, USA

For additional world wide contact information and a complete guide to our product offering, visit us on the web at **rotarylift.com**. North / South America Contact Information

Sales: p 800.640.5438

e userlink@rotarylift.com Tech. Support: p 800.445.5438

e techlink@rotarylift.com

#### **Global Contact Information**

USA: 1.812.273.1622 Canada: 1.905.812.9920 Latin America / Caribbean: 1.812.273.1622 Brazil: +55.11.4534.1995

### Assistance for Government Purchasing

Government Sales: 800.445.5438 X5655









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Easy Access<sup>™</sup> (US Patent No. 6,571,919) / Rotary's locking mechanism and patented cylinder (US Patent No. D469,791S) Low Profile Superstructure (US Patent No. D646,864) / Trio Arms<sup>™</sup> (US Patent No. 8,973,712)