

Available with SHOCKWAVE™



SmartLift®

SELF-CONTAINED INGROUND LIFT



ROTARY LIFT

THE WORLD'S MOST TRUSTED LIFT



Model Shown: SL210N10G0 10,000 lbs. capacity Inground Lift

www.rotarylif.com

Rotary SMARTLIFT® Inground Lift Series

The concept is simple...and SMART!

Start with productivity, the ease of use and the space saving footprint of an inground lift and add the lifting technology 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.




Shown: SL210N10G0
10,000 lbs. capacity

Rotary DESIGN ADVANTAGE

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.



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™ 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 EasyAccess™ \$\$\$

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

Discover the Versatility of TRIO™ Arms

Patented two-piece, three-stage arm is interchangeable with three types of vehicle adapters *all on the same low-profile arm design!*



Profit from SMARTLIFT® *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:	\$223,000 USD**	
Annual revenue / shop:	\$2,453,000 USD	\$2,676,000 USD
Additional revenue w/ inground:	\$223,000 USD**	
Additional monthly revenue with inground:	\$18,583 USD**	
Payback Time: Difference in initial cost and additional monthly revenue	5 months	

*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 environmentally-responsible 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	70'	
Space Saved with Inground	1 / 12	
Average Building Cost / Sq. Ft.	\$106.75 USD**	
Number of Lifts in Each Shop	20	
Number of Lifts on Each Side of Shop	10	
	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 Square Feet	
Facility Savings	\$74,725 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



Available with **SHOCKWAVE™**

PATENTED **SMARTLIFT® TRIO™ ARMS**

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

**NOW AVAILABLE ON THE 10,000
and 12,000 lbs. CAPACITY
SMARTLIFTS!**

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*.

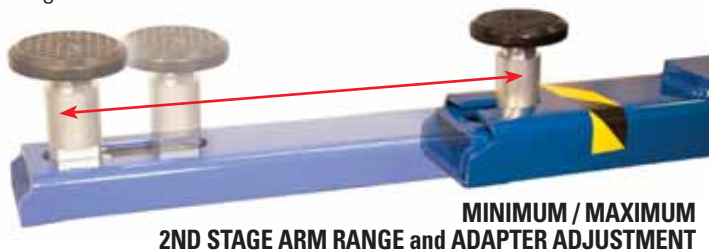
STAGE ONE REACH

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



STAGE TWO REACH

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



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.



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 lift and vehicle.



**MORE CLEARANCE
BETWEEN LIFT AND VEHICLE**



**GREATER DRIVE THRU
CLEARANCE BETWEEN
LIFT AND VEHICLE**

*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.



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

SMARTLIFT® 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.



Shown: SL210N10G0
10,000 lbs. capacity

PATENTED TRIO™ 2-PIECE, 3-STAGE ARM with integrated "third stage" adapter adjustment.

3-POSITION WHEEL SPOTTING DISH



Helps techs spot vehicles correctly every time.

PATENTED EasyAccess™
REDUCE ROUTINE CYLINDER REPAIR TIME BY AS MUCH AS 75%!



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

EXCLUSIVE Smartguard® COATED PLUNGERS

Prevent corrosion and increase the service life of your lift.

GREASE FITTINGS ACCESSIBLE AT GROUND LEVEL

Easy access for technicians.

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.



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 LIQUID DETECTION SYSTEM PREVENTS DOWNTIME



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

SINGLE-PIECE RECYCLED POLYMER CONTAINMENT



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

SHOCKWAVE™ Equipped Smartlifts

SUPERCHARGE YOUR LIFT WITH

SHOCKWAVE™



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.

2X Faster Rise and Descent Times!

25 SECOND RISE TIME
19 SECOND DESCENT TIME***



SPOTLINE™ Motion Activated Laser HELPS SPOT VEHICLES THE FIRST TIME!

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



Wall or ceiling mounted laser



More Productivity Makes Happier Techs!

*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.

TRIO™ 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

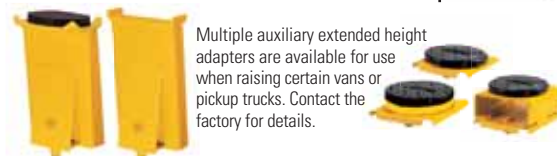
Three-position adapters for quick positioning on a variety of pick-up points.



KIT #T100274

Includes four (4) adapters

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 separately. TA adapters are standard on 12,000 lbs. capacity SL212 TRIO lifts.

Retrofit your existing SMARTLIFT with SHOCKWAVE productivity!
Consult your Rotary® representative for details.

SMARTLIFT®

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

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



Shown: Work bench with center bench controls

SMARTLIFT®

Lifting Options / Capacities

SL212-TA with TRIO™ ARMS

12,000 lbs. capacity



Available with SHOCKWAVE™



Shown: SL212N1110
12,000 lbs. capacity inground lift

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



PATENTED SMARTLIFT® TRIO™ 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.



Model: SL210DOR
10,000 lbs. capacity
drive-on inground lift
Shown with optional
rolling jacks.



Available with SHOCKWAVE™

Automatic ramp chocks
engage when lift is raised

Oil-resistant,
non-skid
runway coating

MAX. WHEELBASE: 182" (4623mm)
RISE: 78" (1937mm)
OVERALL LENGTH: 249" (6324mm)
OVERALL WIDTH: 83" (2108mm)
CAPACITY: 10,000lbs. (4536kg)



#R.J6000Y 6,000lbs. capacity

Optional Rolling Jacks
Lift front, rear or all wheels off the runways for brake, tire, and suspension work.

SMARTLIFT® Specifications

SL210/SL212 Lift Series

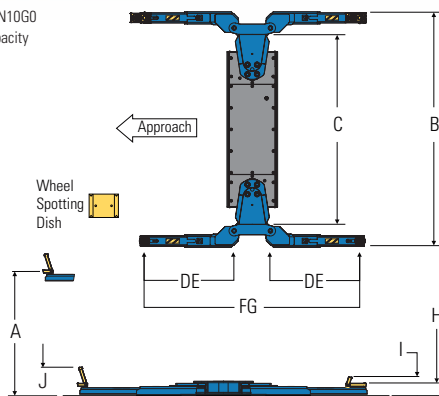
10,000 - 12,000 lbs. lifting capacities



Shown: SL210N10G0
10,000 lbs. capacity



Available with
SHOCKWAVE™



SMARTLIFT In Ground Lifts	SL210-FA Flip Up Adapters	SL210-RA Round Adapters	SL210-TA Truck Adapters	SL212 Truck Adapters
AVAILABLE WITH SHOCKWAVE				
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 1/4" - 81 3/8" (1911-2067mm)	75 1/4" - 86 3/8" (1911-2194mm)	75 5/8" - 81 7/8" (1920-2080mm)**
B. Width Overall		108 1/4" (2749mm)		98 1/2" (2502mm)
C. Drive-Thru Clearance		88" (2235mm)		
D. Reach (minimum)	21 1/4" (540mm)	19 1/4" (489mm)	19 1/4" (489mm)	22" (559mm)
E. Reach (maximum)	44 5/8" (1133mm)	41 1/2" (1054mm)	41 1/2" (1054mm)	46" (1179mm)
F. Reach (overall arm min.)	59 1/4" (1505mm)	55 1/4" (1405mm)	55 1/4" (1405mm)	58" (1473mm)
G. Reach (overall arm max.)	106" (2692mm)	99 3/4" (2534mm)	99 3/4" (2534mm)	106" (2692mm)
H. Min Adapter Height	4 7/8" (124mm)	4 1/4" (108mm)**	4 1/4" (108mm)**	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		53 secs. / 24 secs.		57 secs. / 29 secs.
WITH SHOCKWAVE		25 secs. / 19 secs.		30 secs. / 19 secs.
Voltage Single Phase †	208v - 230v / 110v with SHOCKWAVE			
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 highest position of the supplied adapters from floor to full cylindrical stroke

** 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. Gray 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.

KIT #FJ2487E INCLUDES:

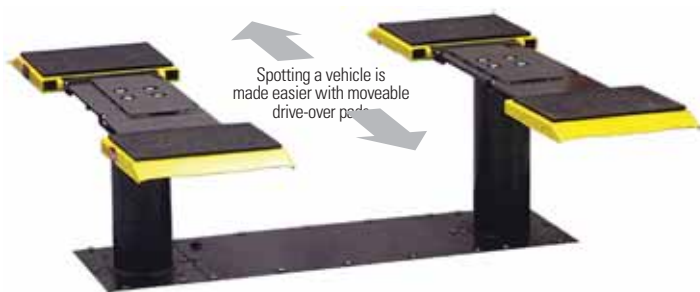
Set of four 1-1/2" (38mm) pad adapters and set of four 3" (76mm) pad adapters



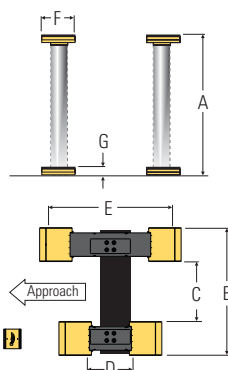
Available with
SHOCKWAVE™



Shown:
Model SL210N8X0
8,000 lbs. capacity



Spotting a vehicle is made easier with moveable drive-over pads



SMARTLIFT SL210-MP8 In Ground Drive-Over Lift with Moveable Pads	SL210-MP8
AVAILABLE WITH SHOCKWAVE	
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 cylindrical stroke

† Optional 3-Phase electrical available.

** With SHOCKWAVE-equipped lift

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

SMARTLIFT® Optional Lift Accessories

Jack Stands

4,000 lbs. CAPACITY

The RS4 jack stand provides added assurance of vehicle lift safety.

Maximum height:
84" (2133mm)

Minimum height:
55 1/2" (1410mm)

Fine thread-up height:
1 5/8" to 7 1/8"
(41mm to 181mm)

#RS4



Wheel Wing™ Tire Arm

Handy for tire rotations and brake jobs, the 100 lbs. capacity Wheel Wing tire arm mounts easily to the TRIO arm and holds a tire at lift arm height. Folds away when not in use.

- Adjustable to fit various lift arms
- Includes set of 2 arms, 2 magnetic lug nut dishes, shims



#FA5974

TECH LIGHT™ Line Light R

Rechargeable LED inspection hand lamp. Supplied with flexible suspension clips holder with both hook and magnet for positioning the light exactly where you need it



- 180 lumen in main light operates for up to 3 hours
- 120 lumen in spot light operates for up to 6 hours
- 4 hour charging time



Comes with top spot light

#FA5702

MW-200 Tire Lift

200 lbs. CAPACITY

Air operated tire and wheel lift provides maneuverability and adjustable lifting and lowering speeds.

- Quick transfers to tire balancers
- Easy positioning of the tire / wheel
- Includes air hose and auxiliary air tool connection

#MW-500

500 lbs. capacity model available



#MW-200

Lock Light™ - patent pending

Provides an instant green light visual confirmation when lift is **lowered to its locks**. Compatible with most surface and high-pressure lifts that use an electric/hydraulic power unit providing an unused pressure port is available.

Kit includes:

- Indicator light assembly
- Pressure switch
- Mounting bracket
- 10' of electrical wire



#FA834 / 110V
#FA835 / 220V



assistPRO™ 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.



assistPRO™

professional facility planning assistance

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.rotarylif.com for additional support information.



LIFT APPLICATION GUIDE



VEHICLE CLASS

GVW:
Gross Vehicle Weight



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

	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	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
CLASS 2			•		•	•		•	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
CLASS 3										•	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
CLASS 4											•	•			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
CLASS 5												•			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
CLASS 6															•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
CLASS 7															•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
CLASS 8																•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

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 rotarylif.com.

North / South America Contact Information

Sales: p 800.640.5438
e userlink@rotarylif.com
Tech. Support: p 800.445.5438
e techlink@rotarylif.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



Advantage!
FSS Contract No. GS07F294AA



ValuePoint
formerly WSCA-NASPO
Contract No. 05316



Contract No. 061015-RRL



Lit# SMARTLIFT_BROCHURE_2018.11 (SUPERCEDES SMARTLIFT_BROCHURE_2018.02)

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Easy Access™ (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™ (US Patent No. 8,973,712)