



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.	15,000 lbs.	18,000 lbs.	12,000 lbs.	14,000 lbs.	18,000 lbs.	30,000 lbs.	40,000 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.



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NJPA AWARDED CONTRACT
Contract No. 061015-RRLL

HGACBuy **TXMAS** **CMAA** **KC RPC** **CCS**

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For additional world wide contact information and a complete guide to our product offering, visit us on the web at rotarylif.com.



Parallelogram

HEAVY-DUTY DRIVE ON LIFT



ROTARY LIFT

THE WORLD'S MOST TRUSTED LIFT

Shown: 50/32-F 50,000 lbs. capacity parallelogram flush mount lift

www.rotarylif.com

PARALLELOGRAM

HEAVY DUTY PRODUCTIVITY FOR YOUR MAINTENANCE FACILITY

HEAVY -DUTY DRIVE ON LIFTS

Only Rotary parallelogram lifts offer the versatility and time savings features to keep your bays productive, your revenue streaming and your fleet on the road.

Functionality, space consideration and improved productivity are key components to consider when investing in a new heavy-duty lift.

Rotary designers and engineers have taken all these considerations and used them to develop the most innovative and versatile heavy-duty lift products on the market today.

All from a partner you've trusted since 1925.

Rotary Lift.

Industry Leader

The parallelogram lift system is convenient for facilities and technicians. The lift is not underground and has no EPA concerns.

No Obstructions

Technicians can be more productive with easy access to the sides of the vehicle with no column obstruction, and the clear floor design allows for a clean work area.

Performance Counts

The lift includes an exclusive negative rake/radius teeth heavy-duty mechanical locks made of AR500 steel. The benefits continue with automatic wheel chocks and an optional full-length safety strip. The paralelogram can be installed in a wash bay with an available certified wash bay conversion kit.

Superior by Design:

- Rotary maintains the largest in-house mechanical, electrical and controls engineering staff in the industry using state of the art design, modeling and analysis software to ensure you get a well designed, reliable product
- Rotary rigorously cycle tests its lifts and components for at least 20,000 cycles at rated load, giving you a robust, proven and quality tested lift that won't let you down



Shown: 50/32-F
50,000 lbs. capacity
parallelogram flush
installation

"When we built our new facility we did a lot of research on what hoists to outfit our new shop with. We chose Rotary and am I ever glad we did! We installed the 75,000 lb. Rotary Parallelogram and it turned out to be the single most important piece of equipment in our shop. We use this lift every day and have not had any problems at all and would recommend Rotary products to anyone."

- Richard Brown, Shop Foreman, Perinton Department of Public Works
Perinton, New York

Third Party Gold Certified

Our parallelogram lifts meet the ANSI/ALI ALCTV 2011 standard, including therequired third-party validation. Your assurance of certification is the gold ALI/ETL certified label.

THE ROTARY LIFT PROMISE

Only Rotary offers the right combination of experience, quality product selection and service you've come to expect from the world leader.



The World's Most Trusted Lift
Since 1925, Rotary Lift has built quality into everything we do.

There's one thing that comes with every Rotary lift. Peace of mind. Why does Rotary Lift sell more professional lifts than anyone else in the world? The answer can be summed up in one word. Trust.

You can trust the fact that no brand of lift performs better or more reliably than Rotary Lift, helping to ensure the lowest total cost of ownership while protecting your profit stream.

You can trust that every Rotary lift reflects the commitment to innovation that has made Rotary the lift leader.

You can trust that Rotary Lift will continue to lead the industry in the manufacturing of lifts in an ISO9001-certified facility, with each lift designed to meet applicable ANSI standards. That they're fully supported by the industry's most extensive network of factory-trained professionals for specification, installation, parts and service. And that Rotary lifts are engineered, designed, tested and certified for years of dependable income production.

By thoroughly exploring your purchase, you're making a decision based on a lift's total cost of ownership.

It's the kind of investment that pays for itself quickly, and then gives a lift to your bottom line - every day you do business.



Shown: 100/42
100,000 lbs. capacity with jacks

Maximum 360° Access



No front-to-rear obstructions

Surface installation

Installation Configuration Options



Surface in recessed installation



Flush installation

PARALLELOGRAM FEATURES AND BENEFITS: SAFETY AND TECHNICIAN PRODUCTIVITY



Optional Built-in Lights

Heavy-duty 48" 115v fluorescent lights at the front and rear of the lift provide excellent illumination under vehicles being serviced. The shatter proof shield and reflective lens can be rotated 360° to get just the right amount of light needed.

Exclusive Mechanical Locks

Mechanical locks are position monitored, AR500 steel with exclusive negative rake radius teeth. The locks have from eight to ten positions, the first is located at 24".



Wash Bay Kit

The Parallelogram can be installed into wash bays for easy vehicle cleaning with a certified remote stainless steel control panel with improved marine paint and stainless steel feet.

Wheel Chocks

Automatic wheel chocks engage when the lift is raised, and release when it is lowered.

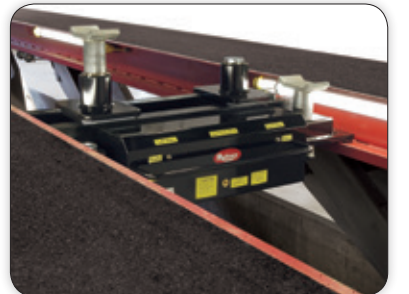


Optional Safety Strips

The safety strip requires only 4 lbs. of pressure to stop the lift. The strips can be located both inside or outside the runway.

Optional Rolling Jacks

25,000 lbs., 42,000 lbs. to 50,000 lbs. capacity rolling jacks allow the front, rear, or all wheels to be lifted off the runways for brake, tire, alignment and suspension work. The jacks are supported between the runways, not on the top.



Ramp Kit

Create a full service drive-through bay with a ramp kit.



Optional Built-in Air

Quick disconnects for compressed air are installed at the front and rear of lift.

Shown: 50/32-F
50,000 lbs. capacity
parallelogram flush mount
installation with inside / outside
safety strips and lights

Clear Floor Design

Our parallelogram design allows for no obstructions between the legs of the runway. The clear floor allows access from both sides as well as from the front and rear.



360° VEHICLE ACCESS

provides techs additional room to work faster and easier!



PLC Power Unit

The lift can be programmed with multiple height presets for different sizes of vehicles. The PLC power unit monitors all safety functions mechanical and electrical over 40 times per second.



Shown: 50/32-F
50,000 lbs. capacity parallelogram flush installation

Identifying Model Numbers

Examples: Lift Capacity / Platform Length / Installation Configuration

LIFT MODEL: 30 / 26-S = 30,000 lbs. capacity 26' long platform surface mount LIFT MODEL: 50 / 26-F = 50,000 lbs. capacity 26' long platform flush mount

Model:	30/26-S 30/26-F	36/28-S 36/28-F	45/35-S 45/35-F	50/26-S 50/26-F	50/28-S 50/28-F
Rise*	63" (1600mm)	63" (1600mm)	63" (1600mm)	63" (1600mm)	63" (1600mm)
Lifting Capacity	30,000 lbs. (11300kg)	36,000 lbs. (16300kg)	45,000 lbs. (20400kg)	50,000 lbs. (20400kg)	50,000 lbs. (20400kg)
Length Platform	26' (7925mm)	28' (8534mm)	35' (1668mm)	26' (7925mm)	28' (7925mm)
Length Overall	34' 3 3/16" (10440mm) 26' (7925mm)	36' 3 3/16" (11050mm) 28' (8534mm)	43' 3 3/16" (13190mm) 35' (1668mm)	34' 3 3/16" (10440mm) 26' (7925mm)	36' 3 3/16" (11057mm) 28' (7925mm)
Width Platform	32" (813mm)	30" (762mm)	30" (762mm)	32" (813mm)	32" (813mm)
Width Overall	109" (2768mm)	105" (2667mm)	105" (2667mm)	109" (2769mm)	109" (2769mm)
Height Retracted	12 7/8" (327mm)	11 7/8" (302mm) Flush	11 7/8" (302mm) Flush	12 7/8" (302mm) Flush	12 7/8" (302mm) Flush
Motor	15hp 20hp	10hp 15hp	15hp 20hp	15hp 20hp	15hp 20hp
Number of Legs	4	4	6	4	4
Min. Floor Thickness	6 3/4" (152mm) 9" (229mm)	6 3/4" (152mm) 9" (229mm)	6 3/4" (152mm) 9" (229mm)	6 3/4" (152mm) 9" (229mm)	6 3/4" (152mm) 9" (229mm)

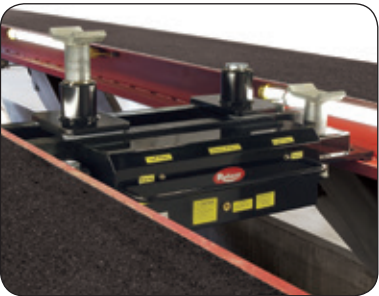
Model:	50/32-S 50/32-F	50/48-S 50/48-F	75/30-S 75/30-F	75/48-S 75/48-F	100/42-S 100/42-F
Rise*	63" (1600mm)	63" (1600mm)	63" (1600mm)	63" (1600mm)	63" (1600mm)
Lifting Capacity	50,000 lbs. (20400kg)	50,000 lbs. (22700kg)	75,000 lbs. (34000kg)	75,000 lbs. (34000kg)	100,000 lbs. (45400kg)
Length Platform	32' (9754mm)	48' (14630mm)	30' (9144mm)	48' (14630mm)	42' (12802mm)
Length Overall	40' 3 3/16" (12270mm) 32' (9754mm)	56' 3 3/16" (17150mm) 48' (14630mm)	38' 3 3/16" (11660mm) 30' (9144mm)	56' 3 3/16" (17150mm) 48' (14630mm)	50' 3 3/16" (15320mm) 42' (12802mm)
Width Platform	30" (762mm)	32" (813mm)	32" (813mm)	32" (813mm)	32" (813mm)
Width Overall	105" (2667mm)	109" (2769mm)	109" (2769mm)	109" (2769mm)	109" (2769mm)
Height Retracted	11 7/8" (302mm) Flush	12 7/8" (327mm) Flush	12 7/8" (327mm) Flush	12 7/8" (327mm) Flush	12 7/8" (327mm) Flush
Motor	15hp 20hp	20hp	20hp	20hp	20hp
Number of Legs	6	6	6	8	8
Min. Floor Thickness	6 3/4" (152mm) 9" (229mm)	6 3/4" (152mm) 9" (229mm)	6 3/4" (152mm) 9" (229mm)	6 3/4" (152mm) 9" (229mm)	6 3/4" (152mm) 9" (229mm)

* Rise is calculated from finished floor to top of platform.

ROTARY OFFERS ACCESSORIES TECHNICIANS
NEED TO GET THE MOST FROM THEIR LIFTS

Rolling Jacks

Rolling jacks allow the front, rear, or all wheels to be lifted off the runways for brake, tire, alignment and suspension work. The jacks are supported between the runways, not on the top.



Retractable Wheel Kit



Runway wheel kit legs retract for easy rolling jack removal



Rolling Jack Specifications

Model:	RJ25	RJ42	RJ50
Lifting Capacity	25,000 lbs. (11340kg)	42,000 lbs. (19051kg)	50,000 lbs. (22680kg)
Full Extension	13 13/16" (351mm)	13 13/16" (351mm)	13 13/16" (351mm)
Width Overall	51 1/2" (1308mm)	51 1/2" (1308mm)	51 1/2" (1308mm)
Retracted Height	5 11/16" (145mm)	5 11/16" (145mm)	5 11/16" (145mm)
Cylinder Travel** (max.)	35" (889mm)	35" (889mm)	35" (889mm)
Cylinder Travel** (min.)	8" (203mm)	8" (203mm)	8" (203mm)
Motor	air 100psi/20cfm	air 100psi/20cfm	air 100psi/20cfm

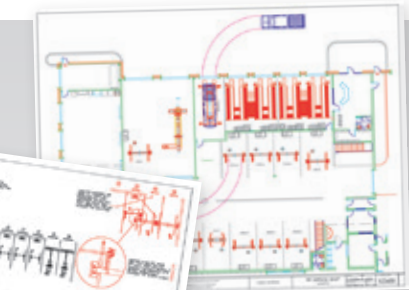
** Cylinders operate independently of each other

Maximizing Service Space for Greater Efficiency
and Productivity: That's assistPRO.

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.



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.
- Online, CSI 3 part product specifications through ARCAT® Spec Wizard®
- Information rich Revit® BIM models
- Dedicated website for architects with 2-D CAD blocks, written 3-part specifications and product selection tools.
- Rotary is an approved AIA provider assisting architects in earning CE credits.