



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

|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

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



Your automotive solutions partner



Lit# Rotary_Drive On Alignment Brochure_2015.09
(Supersedes Lit# Rotary_Drive On Alignment Brochure_2015.01)
©2015 VEHICLE SERVICE GROUP™, Printed in U.S.A., All Rights Reserved.
Unless otherwise indicated, ROTARY LIFT, VEHICLE SERVICE GROUP™, DOVER
and all other trademarks are property of Dover Corporation and its affiliates.



Sentinel Lock™ System (U.S. Patent No. 6,446,757)

YA12 True Up / Down Lifting Movement: (U.S. Patent No. 6,059,263)

Available with **SHOCKWAVE™**



Alignment

DRIVE-ON RUNWAY LIFTS

12,000 TO 18,000 LBS. CAPACITY



ROTARY LIFT

THE WORLD'S MOST TRUSTED LIFT

Shown: ARO14U100Y 14,000 lbs. capacity SHOCKWAVE-equipped 4 post alignment runway lift

www.rotarylif.com

WHAT COMES STANDARD WITH EVERY ALIGNMENT LIFT?

Versatility.

Nearly 30 years of experience goes into every drive-on lift we build. These runway lifts handle cars, vans and trucks with ease.



Functionality, space consideration and improved productivity are key components to consider when investing in a new alignment lift. Our designers and engineers have taken all these considerations and used them to develop the most innovative, reliable and productive drive-on lift products on the market today.

Focus on Greater Productivity and More Workspace

Take advantage of the quick set-up for undercarriage repairs and wheel service. These versatile runway lifts are proven, durable and require little to no maintenance. **Plus with a new taller column**, technician's work under the highest runway rise in the industry allowing more service access.

Rotary Drive-On Lifts

Now Supercharged with SHOCKWAVE Equipped Power

Greater productivity means more profits and both can be achieved with Shockwave™. Optional Shockwave-equipped lifts are the fastest in the world helping you keep step with the ever-changing demand of the vehicle service industry.

Superior Design with Rigorous Cycle Testing

Rotary lifts are a great value because they are engineered to provide years of trouble-free service. Rotary maintains the largest in-house mechanical, electrical and controls engineering staff in the industry. State of the art design, modeling and analysis software ensures you get a well designed, long lasting product. **And now with an improved hydraulic and mechanical lifting system** concealed and protected under the runway, this high performance design generates greater durability and a more efficient and dependable lift operation.

Rotary 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. And Rotary's alignment lifts are designed to be compatible with all leading alignment instrumentation, including 3D and camera wheel alignment systems.

Local Service and Support

Our sales force attends intensive training on our products and the issues that face service repair facilities. Rotary representatives can help you evaluate which lift best meets your needs. With a world-wide network of highly-trained Rotary Authorized Installers and Distributors, service and parts support is always close at hand.

All from a partner you've trusted since 1925.

Rotary Lift.



SHOCKWAVE-EQUIPPED LIFTS FEATURE

2X Faster rise and descent than standard four-post lifts*



Patent pending DC power - Operates during loss of facility power



Spotline™ motion activated laser helps spot vehicles the first time



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

Wall or ceiling mounted laser



SHOCKWAVE Four-Post

PRODUCTIVITY & PERFORMANCE

1. PATENTED LOCKING SYSTEM
2. PATENT PENDING DC POWER - PROVIDES 2X FASTER SPEED
3. HIGHER RISE
4. INEXPENSIVE DAILY OPERATION
5. THIRD-PARTY ETL GOLD CERTIFIED

DELIVERING PRODUCTIVITY and PERFORMANCE

SUPERCHARGE YOUR LIFT WITH

SHOCKWAVE™



Mount power unit on front as shown or outside of front column



Shown: AR014U100Y 14,000 lbs. capacity SHOCKWAVE-equipped alignment runway lift

MAKE YOUR RUNWAY LIFT 2X FASTER

- ✓ Accelerate your productivity immediately!
- ✓ Increase your number of service orders per bay!
- ✓ Added productivity equals EXTRA PROFIT!

The Industry Standard JUST GOT FASTER!

Shockwave's DC patent pending 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!

*Actual rise and descent times may vary depending on weight of the vehicle. **Batteries not included.

SHOCKWAVE IS AVAILABLE ON AR14 / AR014 SERIES OF LIFTS



YA12

12,000 LBS. CAPACITY ALIGNMENT LIFT

OPEN FRONT AND REAR WITH INNOVATIVE, INDUSTRY LEADING SPEED

Compared to traditional scissor lifts, technicians get to work sooner and with fewer obstructions to get in their way. Increase productivity and add dollars to your bottom line with speed, performance and reliability.

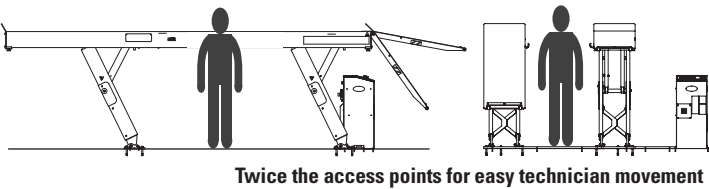
Productivity with Increased Speed You Can Afford

The YA-Lift does so much more. From the largest trucks to the smallest micro cars, when it's time for alignments, the Y-lift can handle them all - from tiny 71-1/2" wheelbases up to 158" giants. And, it's compatible with all leading alignment instrumentation, including 3D and camera wheel alignment systems.

Innovative weight sensing control system maximizes rise speed based on vehicle weight. Vehicles raise in 37 seconds* - at least 33% faster than comparable scissor lifts.

*Rise speeds vary with vehicle weight.

YA12 Features 360° Productivity
Yspace™ gives technicians 360° of vehicle access adding room to work faster and easier. **Twice the access points for easy movement** - front, rear and sides with side to side walk through for accessing multi-bay projects and tool boxes and making wheel alignment adjustments



YA12 Patented Up and Down Movement
provides true up/down lifting. There is no forward or rearward movement adding 20% more workspace below the lift and over 5 times more clear floor space under the runways.

YA-Lift Options:

- Can be flush mounted or recessed
- Extended ramps for lower profile vehicles (14" longer than standard)
- Swing jacks
- High efficiency LED TECH LIGHTS™

YA alignment lifts come standard with two 6,000 lbs. capacity rolling jacks



Wide Wheelbase Range
With oversized slip plates and adjustable radius gauge pockets, the Y-Lift accommodates wheelbases from 71-1/2" to 158" for 4-wheel alignment.

Shown: YA12N1100
12,000 lbs. capacity w/optional radius gauges



YA12-Lift

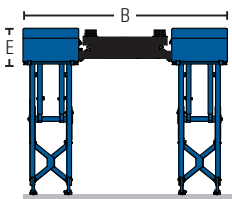
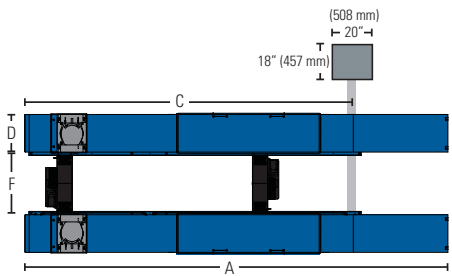
PRODUCTIVITY & PERFORMANCE

1. PATENTED TRUE UP / DOWN LIFTING
2. WEIGHT SENSOR CONTROL PROVIDES FASTER LIFTING SPEED
3. YSPACE™ ADDS 360° OF VEHICLE ACCESS
4. THIRD-PARTY ETL GOLD CERTIFIED

YA12 LIFT SPECIFICATIONS

Model:	YA12-L / Standard	YA12-EL1 / Extended
Max. Wheelbase	179 - 1/2" (4459mm)	189 - 1/2" (4813.3mm)
Max. Two Wheel Alignment	164 - 1/2" (4178mm)	174 - 1/2" (4432mm)
Max. Four Wheel Alignment	158" (4013mm)	158" (4013mm)
Min. Four Wheel Alignment	71 - 1/2" (1816mm)	71 - 1/2" (1816mm)
Rise / Floor to top of runway	68 - 3/16" (1732mm)	68 - 3/16" (1732mm)
A. Length Overall	260" (6604mm)	270" (6858mm)
B. Width Overall	88" (2235mm)	88" (2235mm)
C. Length of Runways	202" (5131mm)	212" (5385mm)
D. Width of Runways	24" (610mm)	24" (610mm)
E. Height of Runways	11 - 3/16" (284mm)	11 - 3/16" (284mm)
F. Width Between Runways	40" (1016mm)	40" (1016mm)
Lifting Capacity	12,000 lbs. (5443kg)	12,000 lbs. (5443kg)
Motor / Power	2HP, 1Ø 208/230v	2 HP, 1Ø 208/230v
Time of Full Rise *	37 seconds	37 seconds
Lowering Time *	45 seconds	45 seconds
Min Bay Size	13' x 26'	13' x 26'

*Lower and rise speeds vary with voltage and vehicle weight.



NOTE: Locking position heights from the bottom of base plates - varies based on floor slope and shimming.

25 - 1/4"	44"	59"
30 - 1/8"	47"	62"
34 - 1/4"	50"	65"
37 - 7/8"	53"	66 - 3/4"
41"	56"	

YA-Lifts are available in standard colors of blue, red, black and gray. Additional colors maybe available - consult your Rotary® representative for details and pricing.

RAL5005	RAL3002
RAL9005	RAL7040

ARO14 14,000 LBS. CAPACITY ALIGNMENT LIFT

NEW DRIVE-ON ALIGNMENT LIFT WITH ADDED PRODUCTIVITY FEATURES

NEW ARO14 open front drive-on lifts are engineered for commercial service, are ALI/ETL certified and exceed our industry exclusive performance durability cycle testing.

The ARO14 comes standard with unmatched features, equipment and an array of productivity enhancing accessories. Three available wheelbases allow any shop to service a wide range of vehicles from cars to full size trucks. Rotary's alignment ready lifts are also compatible with all leading alignment instrumentation, including 3D and camera wheel alignment systems. The ARO open front design allows greater vehicle access and enhanced productivity.

Bolster your service offerings and boost your bottom line with the most dependable, proven vehicle lifting name in the industry...Rotary Lift.

NEW Higher Rise
Taller column design creates a 9" higher rise to over 78" providing more work area under the vehicle and 18 different locking positions

NEW powder coated hammer tone paint finish improves durability

NEW OPEN FRONT Column Design
Taller and more robust column design accommodates a larger front yoke with more strength to provide a smoother operation.

Patent Pending pivot pin design ensures rollers / bearings are evenly loaded.

The redesigned taller yokes with articulating blocks hold the roller pins evenly to distribute load on the rollers, leading to longer life for rollers and bearings.

1/2" steel cable for greater lifting capacity

Stainless steel turning radius gauges standard

Roll back bar allows the radius gauge to be placed in the front or back of the slot while keeping a flat runway surface.

Filter/regulator/lubricator for clean, lubricated air which will extend the life of your lift and air powered tools

Alignment lifts come standard with **two 7,000 lbs. capacity rolling jacks**

Longer slip plate designed to accommodate four wheel alignments up to 158"

Single point operation with air operated lock release
The power unit is located in the front of the lift allowing to place the latch air release on the same column creating better access to the controls.

The universal bracket allows mounting on the front or the side of the column.

Single piece 5/16" steel one-piece runway with non-welded track that is part of the runway for strength and durability

NEW 41" louvered ramps for improved drive on traction.

Wheel chocks automatically engage when lift is raised

Polymer rollers protect shop floor and adds a quieter operation

Adjustable latch bars ensure the runways are level when resting on the latch bars at any of the multiple locking positions.

Patented dual function Sentinel Lock™ system features a slack cable guide arm that stays "on guard" to manage the lock latch. In a slack cable situation, the lock system kicks the lock into position. Fewer parts means less opportunity for service issues and more peace of mind.

Adjustable Nut

Jam Nut

Latch bar

Shown: ARO14U100YBL 14,000 lbs. capacity SHOCKWAVE-equipped alignment runway lift

Shown: AR14U100YRD 14,000 lbs. capacity SHOCKWAVE-equipped alignment runway lift

Available with SHOCKWAVE™



EXCLUSIVE PATENTED FEATURES

ARO14 / AR14 Four-Post

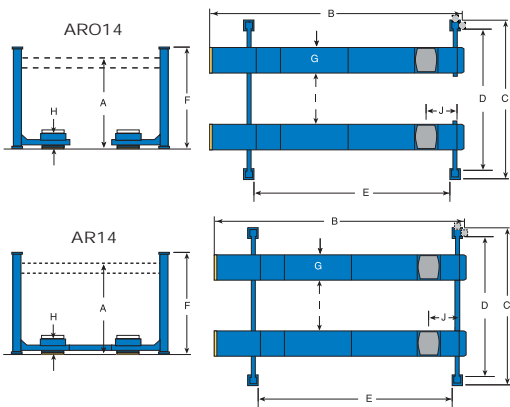
PRODUCTIVITY & PERFORMANCE

1. **PATENTED LOCKING SYSTEM**
2. **OPEN FRONT VEHICLE ACCESS**
3. **INDUSTRY-BEST RISE HEIGHT**
4. **SHOCKWAVE-EQUIPPED**
5. **THIRD-PARTY ETL GOLD CERTIFIED**

ARO14 / AR14 LIFT SPECIFICATIONS

Model:	ARO14 / Open Front		AR14 / Closed Front	
	S	158" (4013mm)	S	158" (4013mm)
Max. Wheelbase*	L	182" (4622mm)	L	182" (4622mm)
	EL	215" (5461mm)	EL	215" (5461mm)
	S	147 1/4" (3740mm)	S	147 1/4" (3740mm)
Max. Two Wheel Alignment*	L	171 1/4" (4350mm)	L	171 1/4" (4350mm)
	EL	204" (5181mm)	EL	204" (5181mm)
	S	142 1/2" (3619mm)	S	142 1/2" (3619mm)
Max. Four Wheel Alignment*	L	164 3/4" (4185mm)	L	164 3/4" (4185mm)
	EL	164 3/4" (4185mm)	EL	164 3/4" (4185mm)
	S	66 3/4" (1695mm)	S	66 3/4" (1695mm)
Min. Four Wheel Alignment*	L	89" (2260mm)	L	89" (2260mm)
	EL	89" (2260mm)	EL	89" (2260mm)
A. Rise / Floor to top of runway	78 3/4" (2000mm)		78 3/4" (2000mm)	
	S	19' 1" (5817mm)	S	18' 10" (5740mm)
B. Length Overall†	L	21' 1" (6426mm)	L	20' 10" (6350mm)
	EL	23' 10" (7264mm)	EL	23' 7" (7188mm)
C. Width Overall**†	11' 8 1/2" (3568mm)		10' 11 3/4" (3346mm)	
	S	14' 7 1/4" (4451mm)	S	14' 7 1/4" (4451mm)
Runway Length	L	16' 7 1/4" (5061mm)	L	16' 7 1/4" (5061mm)
	EL	19' 4" (5893mm)	EL	19' 4" (5893mm)
D. Inside of Columns**	116 1/4" (2953mm)		116 1/4" (2953mm)	
	S	170 3/4" (4337mm)	S	171 1/4" (4349mm)
E. Between Front and Rear Columns	L	194 3/4" (4946mm)	L	195 1/4" (4959mm)
	EL	227 3/4" (5785mm)	EL	228 1/4" (5798mm)
F. Height of Columns	9' 1 1/16" (2770mm)		7' 6 1/2" (2299mm)	
G. Width of Runways	20" (508mm)		20" (508mm)	
H. Height of Runways	7" (178mm)		7" (178mm)	
I. Width Between Runways	43" (1092mm)		43" - 46" (1092-1168mm)	
J. Front of Runway to Center of Radius Gauge	Adj. 18"-24" (457-609mm)		Adj. 18"-24" (457-609mm)	
Lifting Capacity	14,000 lbs. (6350kg)		14,000 lbs. (6350kg)	
Motor / SHOCKWAVE	2 HP / 5 HP		2 HP / 5 HP	
Voltage Single Phase / SHOCKWAVE	208v-230v / 110V		208v-230v / 110V	
Time of Full Rise	65 seconds		65 seconds	
SHOCKWAVE Time of Full Rise and Descent***	35 seconds 18 seconds		35 seconds 18 seconds	
	S	15' x 23' (4572 x 7010mm)	S	15' x 23' (4572 x 7010mm)
Min. Bay Size	L	15' x 26' (4572 x 7925mm)	L	15' x 26' (4572 x 7925mm)
	EL	15' x 28' (4572 x 8534mm)	EL	15' x 28' (4572 x 8534mm)

S = Shorter length L = Standard length EL = Extended length



* Maximum wheelbase is based on a tire diameter of 29-1/2" (749mm). Two-wheel alignment measurement does not take account for rollback

** Narrow bay models available for closed front - consult factory for min. bay size before ordering

*** Actual rise and descent times may vary depending on weight of the vehicle

† Length and / or width overall is 10 - 1/2" longer with SHOCKWAVE power unit

AR14 / ARO14 lifts are available in blue and red. Black is available on the AR14L only.

RAL5005 RAL3002 RAL9005

Additional colors maybe available - consult your Rotary® representative for details and pricing.

AR18

18,000 LBS. CAPACITY ALIGNMENT LIFT

SERVICE CARS, VANS AND COMMERCIAL VEHICLES WITH EASE

When it comes to two and four-wheel alignment services, the versatile AR18 can handle a wheelbase range from 63" up to 177" and is compatible with new technology alignment systems on the market today.*

18,000 lbs. capacity means more shop advantages

Take your shop services to the next level with this alignment ready heavy-duty four-post lift. Designed without obstructions to vehicle access, technicians have room to move increasing productivity. This heavy-duty lift is big on performance.

Redesigned, longer slip plates maximize a vehicle wheel-base range. Two and four wheel alignments can be configured to service a wide range of vehicle combinations. And, the extended model allows for two-wheel alignment service for wheelbases up to 213".

Filter/regulator/lubricator for clean, lubricated air which will extend the life of your lift and air powered tools

Single piece non-welded runway with tracks for rolling jacks

1/2" steel cable for greater lifting capacity and durability

Internal airline connections let two rolling jacks operate simultaneously.

Front wheel stops can easily be replaced by optional drive through ramps

Longer slip plate designed to accommodate a greater wheelbase range for two and four wheel alignments

Rolling jacks with a variety of adapters lift front, rear or all wheels off the runways for brake, tire, alignment and suspension work.

Automatic ramp chocks engage when the lift is raised. Clearance holes allow the ramp chocks to clear runways bolts with less noise on vehicle approach.

Protective strips on ramp ends reduce noise and eliminate floor gouging.

AR18 lifts come standard with two stainless steel turning radius gauges

Roll back bar allows the radius gauge to be placed in the front or back of the slot while keeping a flat runway surface.

Patented dual function Sentinel Lock™ system features a slack cable guide arm that stays "on guard" to manage the lock latch. In a slack cable situation, the lock system kicks the lock into position. Fewer parts means less opportunity for service issues and more peace of mind.

Adjustable latch bars ensure the runways are level when resting on the latch bars at any of the multiple locking positions.

Adjustable Nut

Jam Nut

Latch bar

Shown: AR18 18,000 lbs. capacity alignment rack

Model # FC5663YL



Shown: AR18 18,000 lbs. capacity alignment rack

EXCLUSIVE PATENTED FEATURES

Rotary DESIGN ADVANTAGE

AR18 Four-Post

PRODUCTIVITY & PERFORMANCE

- 1. PATENTED LOCKING SYSTEM
- 2. ALIGNMENT READY LIFT
- 3. ADJUSTABLE ALIGNMENT COMPONENTS
- 4. THIRD-PARTY ETL GOLD CERTIFIED

AR18 LIFT SPECIFICATIONS

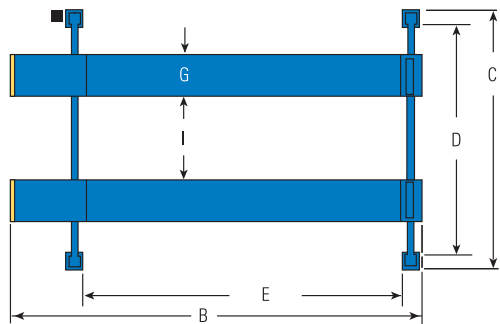
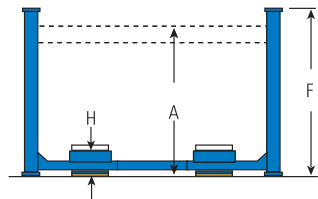
Model:	AR18	AR18-EL
Max. Wheelbase	194" (4927mm)	230" (5842mm)
Max. Two Wheel Alignment	177" (4496mm)	213" (5410mm)
Max. Four Wheel Alignment	162" (4115mm)	198" (5029mm)
Min. Four Wheel Alignment*	63" (1600mm)	63" (1600mm)
A. Rise / Floor to top of runway	70" (1778mm)	70" (1778mm)
B. Length Overall	274" (6959mm)	310" (7874mm)
C. Width Overall	137 11/16" (3497mm)	137 11/16" (3497mm)
D. Inside of Columns	122" (3099mm)	122" (3099mm)
E. Between Columns	212" (5385mm)	248" (6299mm)
F. Column Height	6' 5 3/4" (1975mm)	6' 5 3/4" (1975mm)
G. Width of Runways	22" (559mm)	22" (559mm)
H. Height of Runways	10 5/16" (211mm)	10 5/16" (211mm)
I. Width Between Runways Min. / Max	43" (1092mm) / 46" (1168mm)	43" (1092mm) / 46" (1168mm)
Lifting Capacity	18,000 lbs. (8165kg)	18,000 lbs. (8165kg)
Motor / Power **	2HP, 1Ø 208/230v	2 HP, 1Ø 208/230v
Time of Full Rise†	80 seconds	80 seconds
Lowering Time†	25 seconds	25 seconds
Min Bay Size	13' x 27' (3962mm x 8230mm)	13' x 30' (3962mm x 9144mm)

* Runway radius pockets and slip plates must be reinstalled to fit smaller wheelbases

** Optional 3-phase electrical available

† At full capacity

Standard color of lifts are blue and red. Additional colors maybe available - consult your Rotary® representative for details and pricing.





OPTIONAL LIFT ACCESSORIES

Increase bay productivity with these commonly used drive-on lift accessories

TECH LIGHT™ LED Lighting Kit

Attach the four light wands to runways for effective, efficient lighting where you need it.



#FA5700 Lighting unit includes 60W power supply unit, 8mm cable and suspensions
• 120V AC input voltage • 60hz

Air / Utility Box

Mounts easily on any column and provides quick access to utilities

- Two 110v electric outlets and air connection
- The filter/regulator/lubricator helps extend the life of your air tools



#FA915 KIT



Removable Work Steps

Fits 14K and 18K four-post lifts with slots on sides of runways as shown.

#FC5663YL

Ramp Kits

Allows for drive-thru capability

- Oil resistant, non-skid coating
- Includes two ramps and hardware
- Extended length ramps for low clearance vehicles available

CONSULT FACTORY FOR OPTIONS



Oil Drain Pan

Available for most lifts, drain pan includes splash guard, drain valve and dust cap.

CONSULT FACTORY FOR OPTIONS



Alignment Drive-On Standard/Optional Lift Features

FEATURE	Standard Feature ● Optional Feature ○	YA12 12,000 lbs.	AR14 14,000 lbs.	ARO14 14,000 lbs.	AR18 18,000 lbs.
ALI Certified		●	●	●	●
Open front or open rear design		Open front and rear	Closed front	●	Closed front
Recessed installation		○	N/A	N/A	○
SHOCKWAVE™ Equipped models		N/A	○	○	N/A
Single point lock release		●	●	●	●
Cylinder located under the runway		●	●	●	●
Dual function Sentinel Lock™ System		N/A	●	●	●
Air filter / regulator / lubricator		●	●	●	●
Air / Electric utility box		○	○	○	○
Multiple runway lengths available		○	○	○	○
Adjustable runway widths		N/A	○	N/A	○
Adjustable locking latch bars		N/A	●	●	●
One piece runway		●	●	●	●
Power unit on front column		N/A	●	●	○
Internal airline		●	●	●	●
Rolling jacks		●	●	●	●
Rear slip plates		●	●	●	●
Compatible with alignment systems		●	●	●	●
Rollback bars for radius gauges		●	●	●	●
Drive-thru conversion		○	○	○	○
Low profile extended ramps		○	○	○	○

ROTARY SUPPORT SERVICES

ASSISTPRO

MAXIMIZE SERVICE SPACE FOR GREATER PRODUCTIVITY

OFFERING SUPPORT BEFORE THE SALE

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.

With Rotary assistPRO, you get:

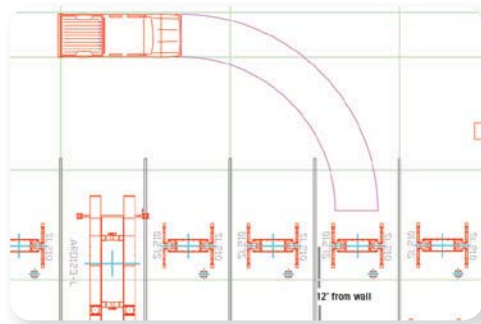
- Custom layouts of your facility with vehicle turning radii and traffic flow analysis based on the vehicles it will service.
- Online, CSI 3 part product specifications through ARCAT® Spec Wizard®
- Information rich Revit® BIM models



NO CHARGE

Facility Layout Assistance:

We'll work with you to provide customized and accurate layouts of your facility based on the vehicles it will service.



assistPRO™
professional facility planning assistance

"I only use Rotary assistPRO first – then the architects use their recommendations. That's the confidence I have in Rotary's knowledge and experience. When it was crunch time and I needed something right away, the folks in Rotary's assistPRO program were right there for me."

– Paul Miller, Land Rover