

# SMO14

14,000 LBS. CAPACITY FOUR-POST LIFT

**NEW DRIVE-ON SERVICE LIFT WITH ADDED PRODUCTIVITY FEATURES**

**NEW SMO14 OPEN FRONT drive-on lifts are engineered for commercial service, are ALI/ETL certified and exceed our industry exclusive performance durability cycle testing**

Like the closed front SM14, the SMO14 comes standard with unmatched features, equipment and numerous productivity enhancing accessories. The **OPEN FRONT DESIGN** allows greater vehicle access and enhanced productivity. Three available wheelbases allow any shop to service a wide range of vehicles from cars to full size trucks.

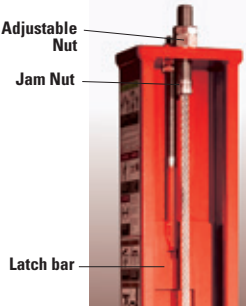
**NEW Lift Features:**

- Higher rise to over 78"** provides more work area under the vehicle
- Powder coated hammer tone paint finish** improves durability and paint life
- Louvered ramps with polymer rollers** provide improved traction and less floor gouging when driving on the lift
- Available with SHOCKWAVE** - creating 2X faster rise and descent
- EL model has more than **9 additional inches of wheelbase**

Available with  
**SHOCKWAVE™**



**EXCLUSIVE PATENTED FEATURES**



**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.



**NEW improved hydraulic and mechanical lifting system design** - concealed and protected under the runway, high performance cables and sheaves generate greater durability and a more efficient and dependable lift operation



**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

**NEW powder coated hammer tone paint finish** improves durability and paint life



**SMO14 LIFT OPTIONS**

**Rolling Jacks**  
Increase your service opportunities by lifting front, rear or all wheels off the runways for brake, tire, suspension and two or four-wheel alignment work



#RJ7000Y  
7,000 lbs. capacity

**Bolt-On Alignment Kits**  
Convert your general service four-post lift into an alignment lift that is compatible with the new technology 3-D alignment equipment on the market today. Comes with stainless steel turning radius gauges.

**CONSULT FACTORY FOR OPTIONS**

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

**1/2" steel cable** for greater lifting capacity

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

Model shown with SHOCKWAVE™ power unit  
- mount power unit on front as shown or outside of front column

**Hydraulic cylinder and mechanical lifting system** are mounted and concealed inside runway to protect them from corrosives and physical damage

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

**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.

**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 and bearings are evenly loaded to produce longer service life.

**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 SMO14 OPEN FRONT DESIGN

Greater vehicle access and productivity

Shown: SMO14U100 14,000 lbs. capacity  
SHOCKWAVE-equipped runway lift

**Rotary DESIGN ADVANTAGE**

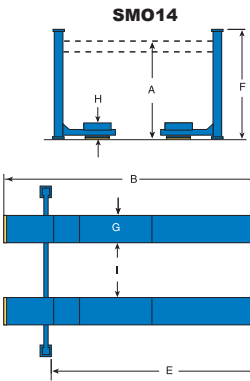
## SMO14 Four-Post PRODUCTIVITY & PERFORMANCE

1. PATENTED LOCKING SYSTEM
2. INDUSTRY-BEST RISE HEIGHT
3. SHOCKWAVE-EQUIPPED
4. THIRD-PARTY ETL GOLD CERTIFIED

### SMO14 LIFT SPECIFICATIONS

Model:	SMO14 / Open Front
	S 158" (4013mm) L 182" (4622mm) EL 215" (5461mm)
Max. Wheelbase*	
A. Rise / Floor to top of runway	78 3/4" (2000mm)
B. Length Overall†	S 19' 1" (5817mm) L 21' 1" (6426mm) EL 23' 10" (7264mm)
C. Width Overall†	11' 8 1/2" (3568mm)
	S 14' 7 1/4" (4451mm) L 16' 7 1/4" (5061mm) EL 19' 4" (5893mm)
Runway Length	
D. Inside of Columns	116 1/4" (2953mm)
E. Between Front and Rear Columns	S 170 3/4" (4337mm) L 194 3/4" (4946mm) EL 227 3/4" (5785mm)
F. Height of Columns	9' 1 1/16" (2770mm)
G. Width of Runways	20" (508mm)
H. Height of Runways	7" (178mm)
I. Width Between Runways	43" (1092mm)
Lifting Capacity	14,000 lbs. (6350kg)
Motor / SHOCKWAVE	2 HP / 5 HP
Voltage Single Phase / SHOCKWAVE	208v-230v / 110V
Time of Full Rise	65 seconds
SHOCKWAVE Time of Full Rise and Descent**	35 seconds 18 seconds
Min. Bay Size	S 15' x 23' (4572 x 7010mm) L 15' x 26' (4572 x 7925mm) 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)  
\*\* 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 mounted on the side or front of column

SMO14 lifts are available in blue and red.  
RAL5005 RAL3002  
Additional colors maybe available - consult your Rotary® representative for details and pricing.