4 Post Lift Jack Measurement Guide

Atlas RJ-35 Sliding Jack
With Manual Pump *

Atlas RJ-45 Rolling Jack
With Manual Pump *

Atlas RJ-6000 Rolling Jack
With Air/Hydraulic Pump *

Atlas RJ-6000 Rolling Jack
With Manual Pump *

Atlas RJ-6 Rolling Jack
With Air/Hydraulic Pump *

Atlas RJ-7000 Rolling Jack
With Air/Hydraulic Pump *

Atlas RJ-5000 Sliding Jack
With Manual Pump *

* Air/Hydraulic And Manual Pumps May Vary From Those Pictured

SECTION 1

To determine which one of our Atlas® Rolling Bridge Jacks will fit your 4-post lift, you must first look at the design of the runways on your lift.

If your runways look like Diagram 1, our **Atlas® RJ-5000** or **Atlas® RJ-35** sliding jacks should fit on your lift.
Skip to Section 2 to determine if your lift's measurements are compatible to the required measurements of the **Atlas® RJ-5000** or **Atlas® RJ-35** sliding jacks.
Our **Atlas® Garage Pro 8,000** and **Atlas® Garage Pro 8000 EXT** 4-post lifts incorporate this ramp design.

If your runways look like Diagram 2, you may be able to use the **Atlas® RJ-35**, the **Atlas® RJ-45**, **Atlas® RJ-5000**, **Atlas® RJ-6000**, **Atlas® RJ-6**, or the **Atlas® RJ-7000** jack. Our **Atlas® Garage Pro 9,000** and our **Atlas® 414** have a rail channel configuration as shown in Diagram 2.

If your runway configuration is different than those shown in Diagram 1 or 2, advance to Section 4 for additional information.

The **Atlas® RJ-6000** and **Atlas® RJ-6** are the most universal of all of our rolling jacks. The **Atlas® RJ-6000** and **RJ-6** work on our **Atlas® Garage Pro 9,000**, **Atlas® 412**, **Atlas® 414**, **Atlas® 412A**, **Atlas® 414A**, **Atlas® 14KOF**, and **Atlas® Pro OF14K** four post lift with the welded runway channels.

Total height of the rolling or sliding jack and how it affects "low slung vehicles" is an important consideration. Diagram 5 (height position of the jack rails) needs to be examined closely. The position of the jack should be so that the extended arms set as low as possible over the runways. The other important factor is that the base of the rolling/sliding jack should not set much below runways. If the jack sets too low, when the lift is lowered all the way, the jack could contact the ground first and be "lifted" off of the rails.

DIAGRAM 1

RUNWAY / RAMPS HAVE A LIP THAT EXTENDS STRAIGHT FROM THE SIDE TOWARDS THE MIDDLE OF THE LIFT. (OR RUNWAY / RAMP HAS NOTHING EXTENDING TOWARDS THE MIDDLE)

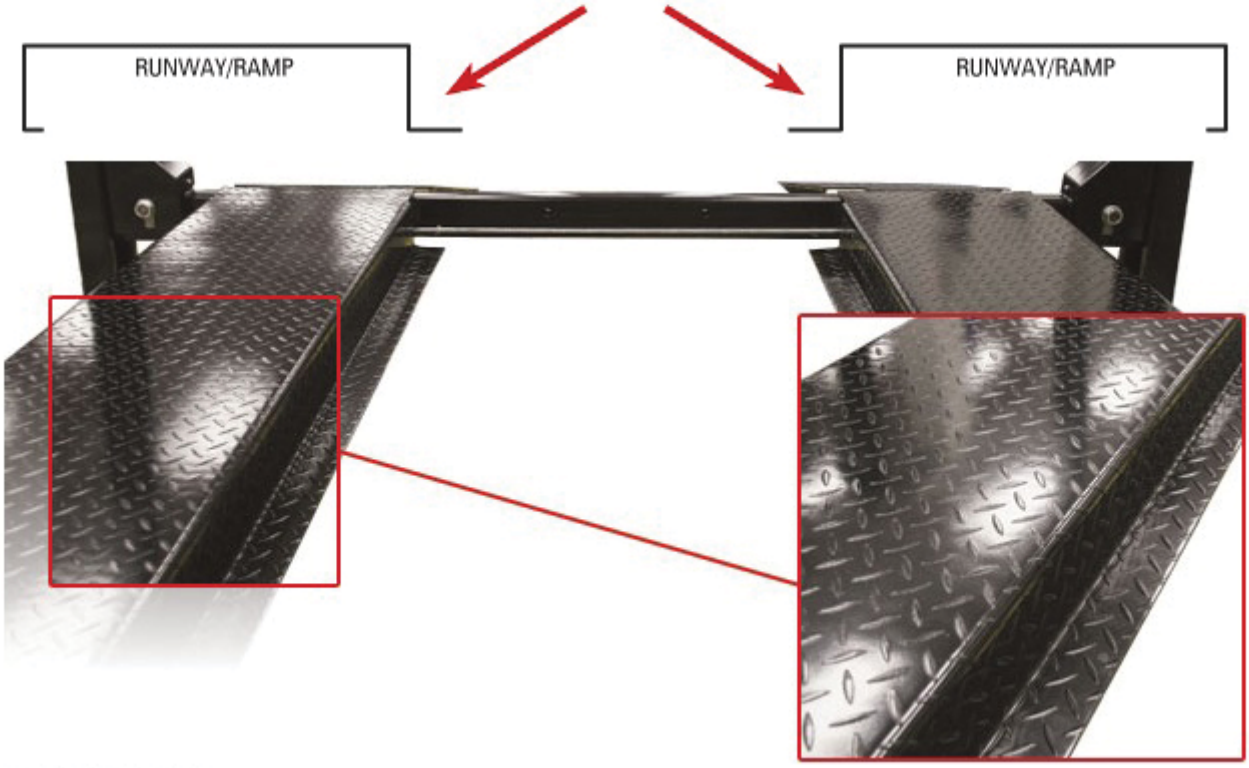
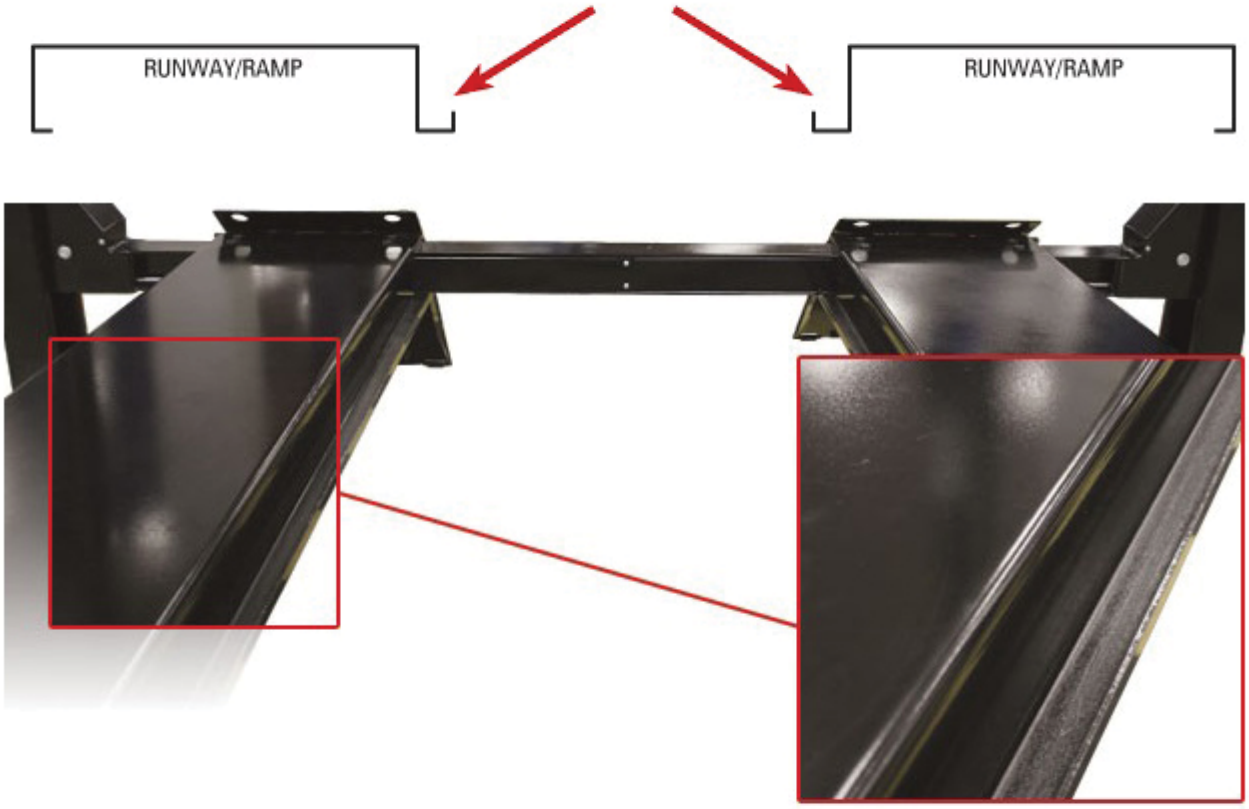


DIAGRAM 2

RUNWAY / RAMPS HAVE A TRACK OR CHANNEL THAT EXTENDS FROM THE SIDE OF THE RUNWAY TOWARDS THE MIDDLE OF THE LIFT.



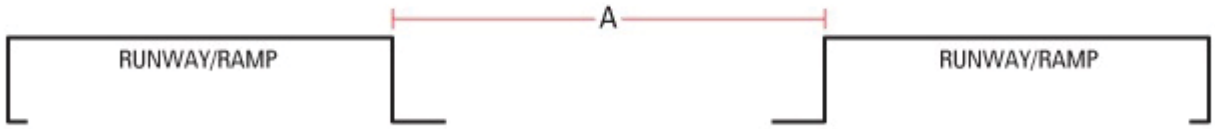
SECTION 2

Once you have determined the ramp/rail style of your lift you are ready to start measuring to determine which Atlas® rolling jacks will fit. If your lift ramps are similar in design to Diagram 1, you would only be able use our **Atlas® RJ-5000** or **Atlas® RJ-35** sliding jacks. These sliding jacks have two adjustable arms or brackets that rest on top of the runway. These brackets have heavy duty nylon slide blocks mounted underneath that allow the operator to easily slide the jack into a position under the vehicle.

The adjustable brackets on the **Atlas® RJ-5000** adjust from 34 ½" to 54 ¼". *(See measurement A in Diagram 3)*

The adjustable brackets on the **Atlas® RJ-35** adjust from 31" to 47". *(See measurement A in Diagram 3)*

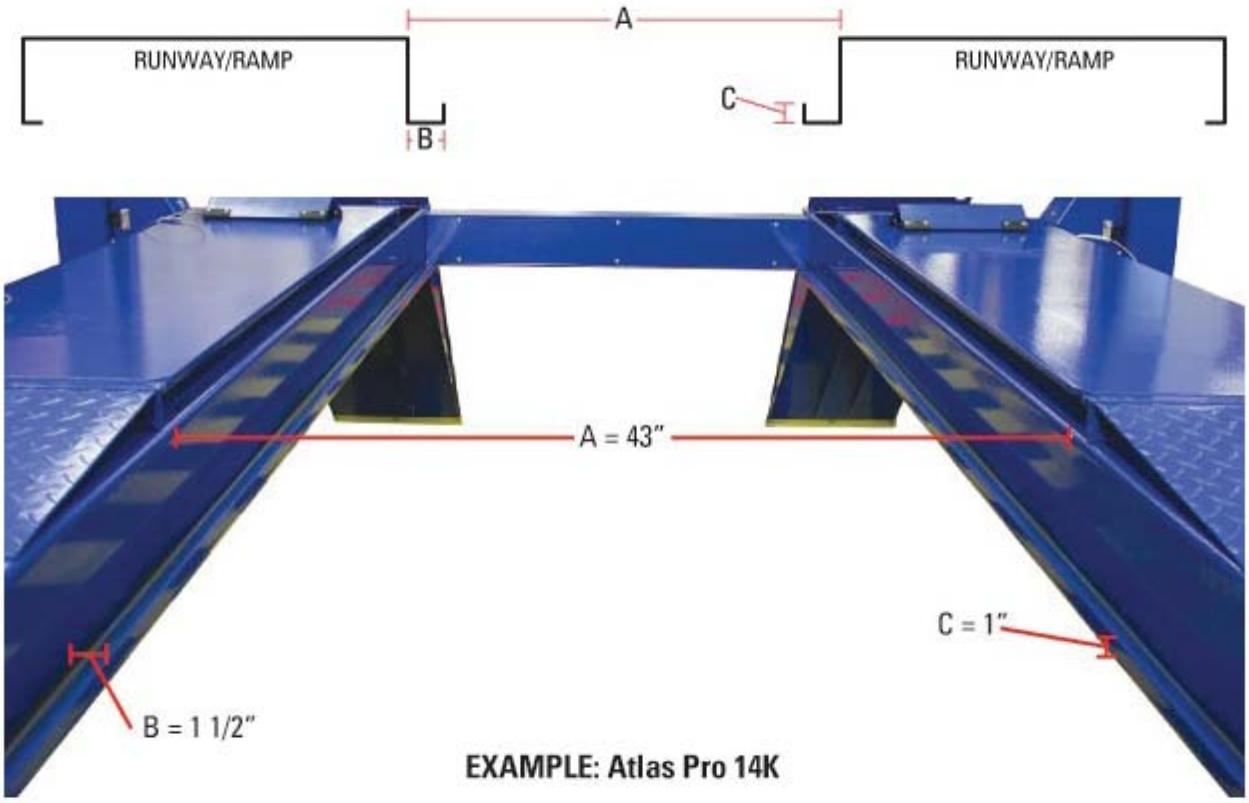
DIAGRAM 3



SECTION 3

If the runways on your four post lift look like Diagram 2 (welded support channels or tracks on the side of the runways), the **Atlas® RJ-35**, **Atlas® RJ-5000**, the **Atlas® RJ-45**, **Atlas® RJ-6000**, **Atlas® RJ-6**, or the **Atlas® RJ-7000** may work. If you need the extra lifting capacity and the professional rolling feature of the **Atlas® RJ-45**, **Atlas® RJ-6000**, **Atlas® RJ-6**, or **Atlas® RJ-7000** rolling jacks, then there are other measurement requirements that must be met. The mandatory measurements are shown in Diagram 4 below; A distance between top of runways, B inside width of channel or track, and C depth of channel or track.

DIAGRAM 4



EXAMPLE: Atlas Pro 14K

Atlas® RJ-45:Measurement A must be between 35" - 51"
Measurement B must be 1 ½" or wider
Measurement C must be between 1" and 1 ¾"

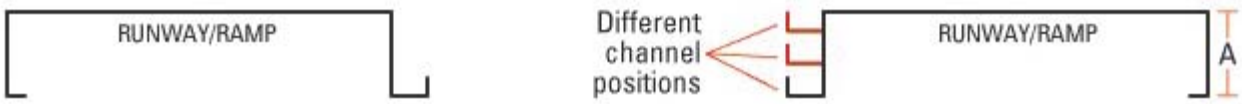
Atlas® RJ-6000:Measurement A must be between 32"-52"
Measurement B must be 1 1/8" or wider
Measurement C must be at least ¾"

Atlas® RJ-6:Measurement A must be between 32"-48"
Measurement B must be 1 1/8" or wider
Measurement C must be at least ¾"

Atlas® RJ-7000:Measurement A must be between 32"-52"
Measurement B must be 1 1/8" or wider
Measurement C must be at least ¾"

Total height of the rolling or sliding jack and how it affects "low slung vehicles" is an important consideration. Diagram 5 (height position of the jack rails) needs to be examined closely. The position of the jack should be so that the extended arms set as low as possible over the runways. The other important factor is that the base of the rolling/sliding jack should not set much below runways. If the jack sets too low, when the lift is lowered all the way, the jack could contact the ground first and be "lifted" off of the rails.

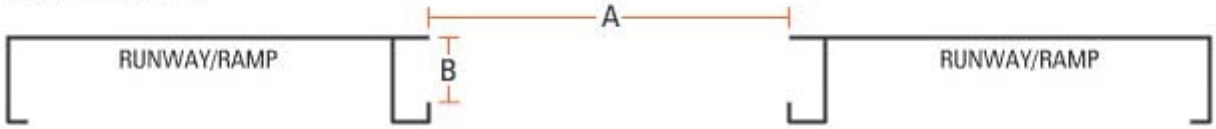
DIAGRAM 5



SECTION 4

There is one other lift design that may or may not affect the use of the Atlas® RJ-35, Atlas® RJ-45, Atlas® RJ-6000, RJ-6, or the Atlas® RJ-7000 and that would be if your lift has a "top lip" on the runway. *(See Diagram 6)*

DIAGRAM 6



To use the Atlas® RJ-5000 bridge jack on a lift with this design;
measurement A must be between 34 ½"- 54 ¼".

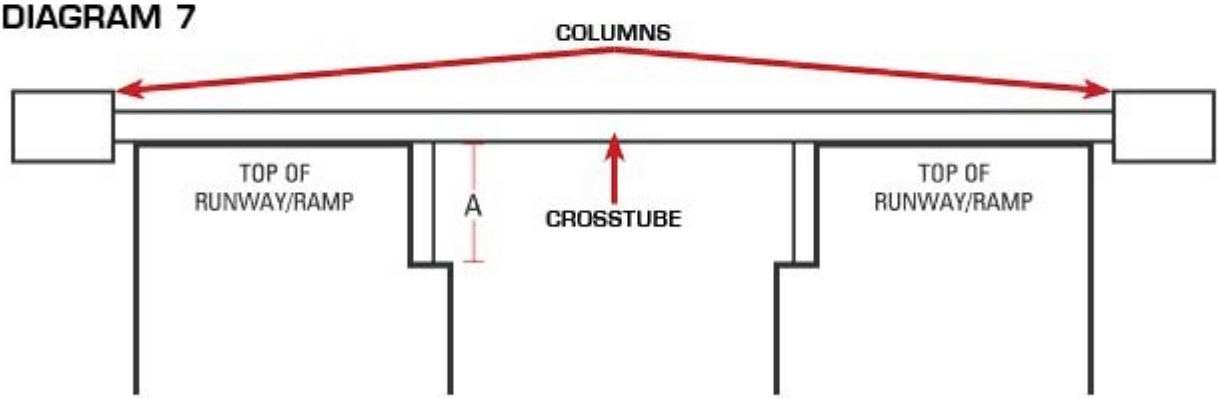
To use the Atlas® RJ-35 bridge jack on a lift with this design;
measurement A must be between 31"- 47"

The top runway ramp "lip" may prevent our Atlas® RJ-45, Atlas® RJ-6000, Atlas® RJ-6, and Atlas® RJ-7000 jacks from being installed on the lower support channel. To make sure the Atlas® RJ-45, Atlas® RJ-6000, Atlas® RJ-6, or Atlas® RJ-7000 can be installed, your lift must meet measurement requirements listed in Section 3, (Diagram 4), PLUS one other important measurement.

Atlas® RJ-45 measurement B in Diagram 6 must be at least 4 ¼".
Atlas® RJ-6000 rolling jack measurement B in Diagram 6 must be at least 3".
Atlas® RJ-6 rolling jack measurement B in Diagram 6 must be at least 1 ¾".
Atlas® RJ-7000 rolling jack measurement B in Diagram 6 must be at least 3".
If measurement B on your ramp/rail design is less than the above, these jacks may still fit properly.

Some lifts with this "top lip" ramp design will have a section of this "top lift" removed at the front or rear of the runway, allowing the rolling jack to be installed from one end and rolled into position. (We have had customers "modify" their "top lips" so that our jacks could be used). If the "top lip' presents no installation issues, then measurement A in Diagram 7 needs to be 15 ½" to use the Atlas® RJ-45, Atlas® RJ-6000, Atlas® RJ-6, or Atlas® RJ-7000.

DIAGRAM 7



FINAL

The above information is provided so that you, (the customer) can determine whether or not the Atlas® RJ-35, Atlas® RJ-45, Atlas® RJ-5000, Atlas® RJ-6000, Atlas® RJ-6, or Atlas® RJ-7000 rolling jacks will work on your 4 post lift. Greg Smith Equipment cannot guarantee that these sliding and rolling bridge jacks will work perfectly on all competitive four post lifts. It is the customer's responsibility to measure accurately. Our jacks work perfectly; the question is whether our jack will "fit" perfectly on your lift. If it fits, the jack will work as promised. The customer is always responsible for any restocking and/or freight costs if the jack is returned because "it did not fit".