Components

The main components of your Lift include:

- **Power Post**. The Post that holds the Power Unit. ***The Power Post can be in either of two locations***. You can tell the Power Post from the other Posts because it has two Mounting Brackets on it. Mount the Power Unit on one of the two Mounting Brackets.
- **The other three Posts**. These Posts are functionally interchangeable; their Labels are different.
- **Power Unit**. An electric/hydraulic unit that connects to an electric power source and then provides hydraulic power to the Hydraulic Cylinder that raises and lowers the Runways.
- **Lifting Cables**. The two Runways are lifted by .4 inch / 10 mm thick aircraft-quality steel wire rope, *each* of which is rated at 14,400 pounds.
- **Powerside Runway**. The Runway next to the Power Post. The Powerside Runway has Lifting Cables and the Hydraulic Cylinder on its underside. You ***must*** put the Powerside Runway next to the Power Post.
- **Offside Runway**. The other Runway. It does not have an Hydraulic Cylinder or Lifting Cables under it.
- **Utility Rails**. Hold the optional Rolling Jacks. Utility Rails ***must*** go on the inside of the Lift.
- **Crosstubes**. One at each end of the Lift. The Crosstubes are hollow; the Lifting Cables that raise and lower the Runways are routed through the Crosstubes. The Crosstubes are not the same: each Crosstube has an opening (called a Window) that faces the inside (orienting the Windows correctly is described in the Installation section). ***Windows must be installed so that they open to the inside of the Lift***. Lifting Cables go into the Crosstubes through the Windows.
- **Ramps**. One for each Runway. Use them to drive onto and off of the Runways. By definition, the Ramp end of the Lift is also the Rear of the Lift.
- **Tire Stops**. Located at the Front of the Lift, Tire Stops prevent the Vehicle's front tires from going any further forward. Additionally, we strongly recommend chocking the Vehicle's rear tires.
- **Safety Locks**. Once engaged, they hold the Runways in position, even if the power goes out or there is a leak in the Hydraulic Hoses. Your Lift has 17 Safety Locks, spaced every four inches / 102 mm. This lets you lock the Lift at just the right height for what you want to do. The Lift also has a backup Slack Safety system; refer to **About Safety Locks** for more information. ***Only leave your Lift on the ground or engaged on a Safety Lock.***
- **Pushbutton Air Valve**. Includes a Pushbutton that moves the Safety Locks away from the Ladder so that they do not engage as you lower the Runways. Used only to lower the Runways. Usually located next to the Power Unit.
- **Ladder**. A piece of steel that gets installed at the back of each Post. Each Ladder has 17 holes in it; part of the Safety Lock system.