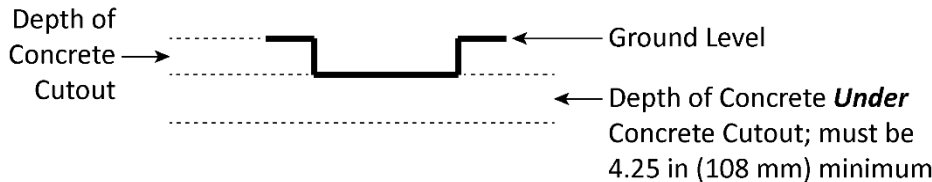

Prepare the Concrete Cutouts: SP-7XLF Only

Important: BendPak *strongly* recommends working with a Concrete Specialist to plan and create the Concrete Cutouts for your Flush-Mount Lift.

It is important to understand the following **before** creating the Concrete Cutouts for your Lift:

- **Concrete Cutouts.** The Bases/Platforms of a Flush-Mount Lift are installed in a recessed section of the floor, called a Concrete Cutout.
- **Concrete Curing Time.** Concrete Cutouts must be created in advance. They must cure for at least 28 days before they are strong enough to support Anchor Bolts.
- **Decisions.** There are certain decisions you must make before creating your Concrete Cutouts: where the Lift is going to go, which side of the Lift the Console will go on, how far away from the Lift will the Console go, and how far apart the two Bases will be. The decisions you make need to be incorporated into the plan you create with your Concrete Specialist.
- **Floor Material.** Concrete Cutouts must be created in a **Concrete** floor; no other surface (asphalt, dirt, anything else) is acceptable.
- **Depth of the Concrete Cutouts.** Concrete Cutouts must be a specific depth below floor level so that when the Lift is put down into the Concrete Cutout, the top of the Lift's Platforms are flush with the floor.
- **Cutout Size.** Your Concrete Cutouts need to be slightly larger than the size of the Bases. The values listed at the end of this section add about one inch to the Length and Width of the Bases, which leaves extra space on all four sides of each Base. When creating Concrete Cutouts, it's definitely better for the cutout to be a little bit bigger than the Base rather than a little bit too small.
- **Concrete Depth.** The Concrete depth **below the bottom** of the Concrete Cutouts must be deep enough for the Anchor Bolts; a minimum of 4.25 inches.



- **Air and Hydraulic Lines:** Because the Bases are recessed, the Air and Hydraulic Lines start out recessed as well. Your plans for the Concrete Cutouts need to account for how these Lines will be routed to the Console.

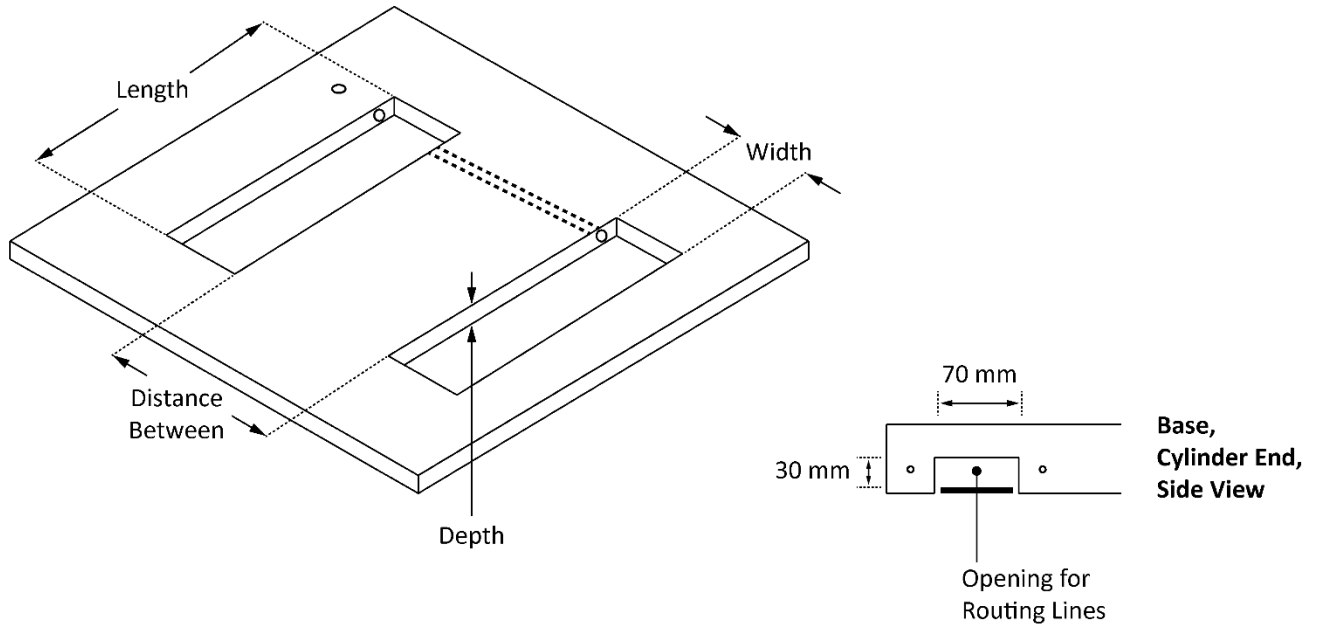
Some people use PVC tubing to create a hole between the two Bases when creating their Concrete Cutouts. This allows the Air and Hydraulic Lines to be routed between the two Bases.

Some people also use PVC tubing to create a hole between the Console and the Base closest to the Console. This allows the Air and Hydraulic Lines to be routed between the Console and the closest Base.

Both Bases come with openings for routing the Hydraulic and Air Lines already created; there are two per Base, both on the Cylinder end. You are not required to use all four of these openings.

- **Lift Location.** Use care when selecting a location for a Flush-Mount Lift. Once you create your Concrete Cutouts, the Lift location is fixed.
- **Console Location.** The Console can go on either side of the Lift. The supplied hosing allows you to put it up to a specific distance away from the closest Base. Remember to create a path through the Concrete towards the Console for routing the Hydraulic and Air Lines.
- **Distance Between Bases.** Most scissor Lift Bases can be a variable distance apart, allowing you to pick the best width for the Vehicles you will be lifting.

- **Diagram.** You and your Concrete Specialist can use the following diagram as a guide for your Concrete Cutouts.



*Drawing not necessarily to scale. Not all components shown. There must be 4.25 inches of Concrete **below** the bottom of the Concrete Cutouts. In this drawing, the Console would be on the left (next to where the Length is shown).*

The Flush-Mount Lift settings for the SP-7XLF are:

- **Length.** The Length of each SP-7XLF Base is 106 inches / 2,692 mm; add 1 inch / 25 mm to get **~107 inches / 2,717 mm.**
- **Width.** The Width of each SP-7XLF Frame is 22 inches / 554 mm; add 1 inch / 25 mm to get **~23 inches / 579 mm.**
- **Depth.** The Lowered height of each SP-7XLF Frame is **6 inches / 152 mm.** You do **not** add an extra inch to this value.
- **Distance Between.** The two SP-7XLF Bases can be from **38 to 44 inches / 964 to 1,114 mm** apart. You do **not** add an extra inch to this value.
- **Distance to Console.** The supplied hoses allow the Console to be up to **40 inches / 1,016 mm** from the nearest Base. You do **not** add an extra inch to this value.