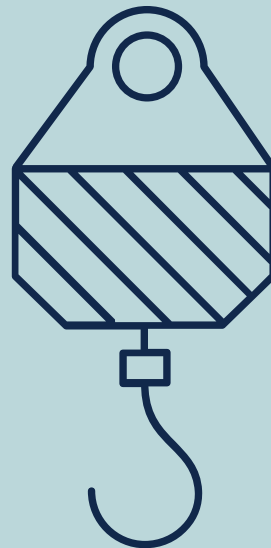


INSTALLATION GUIDE  
ARENA | STUDIO | ORIGINAL | MAX

# Step 04

## Crane Hire

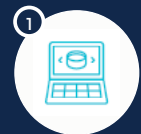


# Our 8 step process to installing your Plungie

[Click here](#) to access the complete Plungie Install Guide.

Alternatively, you can click on any of the 8 icons below, each representing a specific step in the installation process.

Clicking on an icon will take you directly to the corresponding guide, allowing you to access the information you need quickly and easily.



Choose Plungie



Building



Site



Crane Hire



Electrical +



Plumb Up



Finishings +



Fill + Start Up

This information is offered as a general guide only, and specific advice should always be sought by engaging with an engineer before undertaking any installations specific to your site.

Whilst Plungie Pty Ltd has made every effort to ensure the accuracy and effectiveness of this information, we make no representation as to the accuracy or effectiveness of the information and take no responsibility for any loss, damage or injury which may be caused as a direct or indirect result of the use of this information.



## Step 04 Crane Hire

- ORGANIZE CRANE HIRE
- PROVIDE LIFTING DIAGRAM TO CRANE HIRE COMPANY
- CONFIRM DELIVERY DATE AND TIME WITH PLUNGIE
- ENSURE CRANE IS ON SITE AT TIME OF DELIVERY
- CLEAR ACCESS TO SITE
- MARK POOL PLACEMENT ONTO SLAB
- CLEAN CONCRETE SLAB
- INSTALL LIFTING LUGS ON LIFTING POINTS
- CRANE INTO PLACE

The content provided in this guide is part of an 8 step process extracted from the [Plungie Install Guide](#)

This guide is intended to provide you with a brief overview of this step, within our 8 step process. However, it's important to note that this excerpt should be read in conjunction with our more detailed guide and engineering set.

The more detailed guide and engineering set contain critical information that will help ensure a successful installation, and we highly recommend that you refer to them throughout the process.

By doing so, you'll have access to all the necessary information, including installation diagrams, specifications, and step-by-step instructions.

So, let's get started!



This guide is continually updated, please ensure you are accessing it via the link provided to ensure you are viewing the latest copy.

# Step 4 Crane Hire + Delivery

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## GET READY TO...

- Book crane hire
- Confirm delivery date and time
- Mark placement of pool on slab
- Order back fill ready for day of install
- Crane into place

## Crane Hire

At the point of delivery, a crane is required to lift the pool from our delivery truck and place it onto the concrete base slab footing.

Crane hire is one of the most variable factors in an installation, as they are always site-specific and significantly affected by the degree of property access. Crane booking and cost is at the customers expense.

Most reputable crane hire companies offer a free site assessment and quote. We provide you with a detailed lifting diagram, which has all the information your crane hire company will need.

**!** Provide the detailed lifting diagram to your crane hire company prior to your site assessment.

- + [Arena Lifting Diagram](#)
- + [Studio Lifting Diagram](#)
- + [Original Lifting Diagram](#)
- + [Max Lifting Diagram](#)

## CRANE ACCESS

Understanding accessibility plays a crucial role in determining the overall ease, speed and cost of your installation. This is because no two sites are exactly alike, which means no two installations are exactly alike.

In order to get a Plungie into your yard, a crane is required to lift the pool from the delivery truck and place onto the footing on your property. Crane hire is one of the most variable factors when installing a Plungie and is influenced by a number of elements, such as:

- Road access
- The desired Plungie location
- Crane set up position
- Reach distance
- Whether road closure is required
- Site conditions including open excavations and overhead power lines

Any lift is possible, but the more complicated the lift or restricted the access, the higher the crane cost may be.

We encourage you to take the time to fully comprehend and understand the accessibility of your property for the Plungie installation process

Take a walk around your property, or use satellite imagery to gauge the type of access you have. Google Maps is often sufficient, but there are online alternatives, such as Near Maps available should Google Maps not have the most up-to-date imagery.

### VACANT LOT / CLEAR ACCESS

A vacant lot provides the easiest and most straightforward point of access, as a crane can drive the pool straight onto the site and put it in place. A vacant neighboring property may also provide easy and straightforward access, depending on the desired pool placement location.

### SIDE ACCESS

Access down the side of a property can also allow for a crane to drive the pool straight onto the site and put it in place. Slew cranes may also be used in properties with side access. This allows for a closer vantage point and minimizes the required reach distance. Any protruding objects, such as eaves, guttering, gas and water infrastructure, overhanging trees and power lines, may affect your access and should also be considered. A neighboring property may also provide side access, depending on the desired pool placement location.

### OVER THE STRUCTURE/HOUSE

Where access is restricted by a structure or a house, the Plungie can be lifted over these using a slew crane. The slewing crane would need to be set up in a clear space, large enough to allow for its setup footprint and to be able lift over the structure or home. This is where reach distance plays a significant part in your crane cost. The further the reach, the larger the crane, and the larger the crane, the higher the cost.

## Delivery

We deliver everywhere in America and our pools are dispatched out of the following location:

- **Locke Solutions**  
8328 E Highway 67, Building C&D  
Alvarado, TX 76009

### DELIVERY TRUCK SIZE

Plungies standard freight quotes are based on delivery from their facility to the address specified on the quote using either a semi-trailer or body truck. This can be confirmed at time of order.

#### SEMI-TRAILER

Streets not suitable for semi-trailer:

- If the street has a dead end or cul-de-sac as it will require room to turn around and get out.
- If the street has a weight limit.
- Low powerlines.
- On-route to site streets that have overhanging trees, are narrow and winding, including single lane roundabouts, concrete traffic islands or speed bumps.
- Plungie Dispatch Department can provide a map search on request.

#### BODY TRUCK (12T FLAT BED)

- Recommended if the street has a dead end or a cul-de-sac.
- Body trucks require more turning circle room than cranes.

### SITE ACCESS

The confirmation of access is the responsibility of the builder or home owner placing the order.

If your site poses challenges for our standard transport solutions, we can often liaise with your chosen crane hire company to arrange delivery of your Plungie to their depot. They will then arrange delivery on a more suitable truck to your site at

their rates.

## Customer collection from our sites

Customers can choose to organize their own freight collection from one of our sites. This will incur a handling fee per pool which can be supplied at time of quoting.

Collection Locations:

- **Locke Solutions**  
8328 E Highway 67, Building C&D  
Alvarado, TX 76009



#### Things to note:

- You will be contacted 14 days prior to expected dispatch date of the pool to confirm you are ready to be booked for freight or collection.
- If you require any changes to your delivery date, this must be communicated prior to 14 days to prevent storage fees.
- Standard delivery includes an unload time allocation of one hour. Additional charges may apply if truck is onsite for longer.
- Futile charges for freight cancellations may apply within 48 hours of dispatch.

### DIMENSIONS

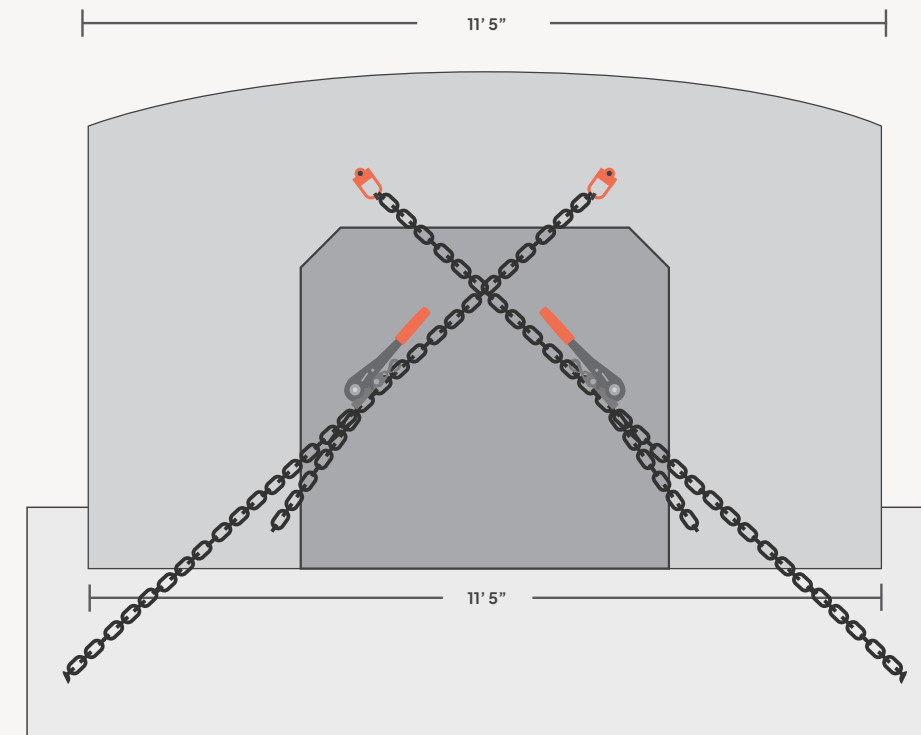
Diameter	11' 5"
Height	5' 6½"
Weight	16,000 lbs
Lashing points	4 x Conac Swivel Lift Plate (SWLP10)
Tools required	1½" socket



**Note**  
Cross lashing required on both front and back of the Plungie Arena.



### SKIMMER END



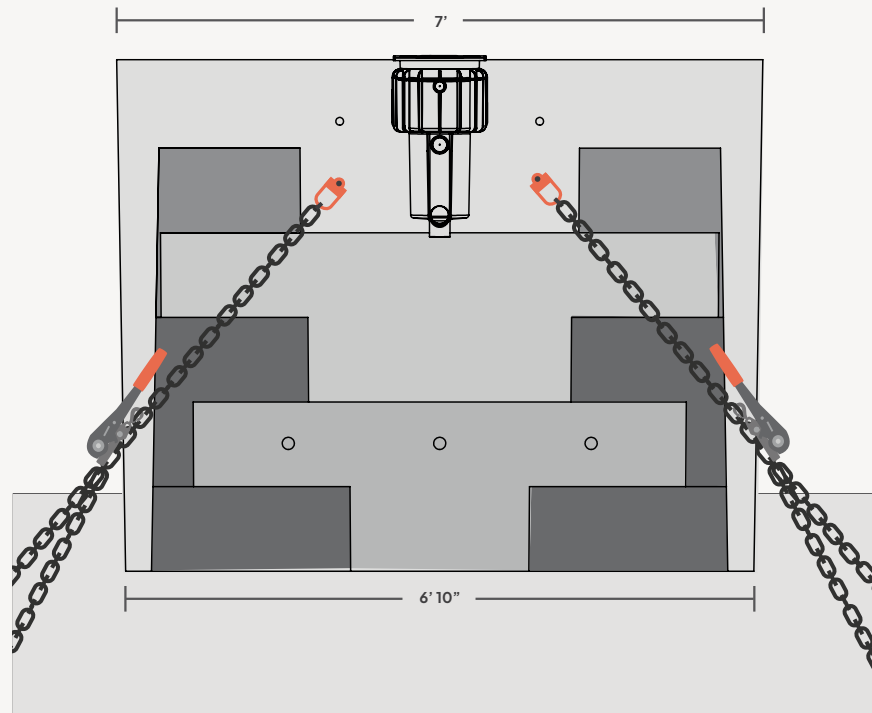
## DIMENSIONS

Length	12'
Width	7'
Base Width	6' 10"
Height	5' 6½"
Weight	15,000 lbs
Lashing points	4 x Conac Swivel Lift Plate (SWLP10)
Tools required	1½" socket

**Note**  
Cross lashing only required on opposite end to the skimmer and plumbing.



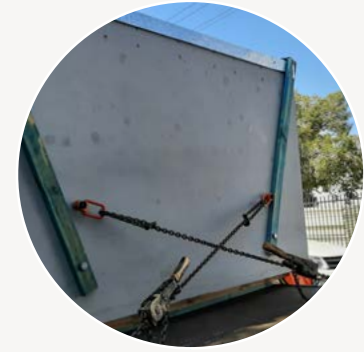
## SKIMMER END



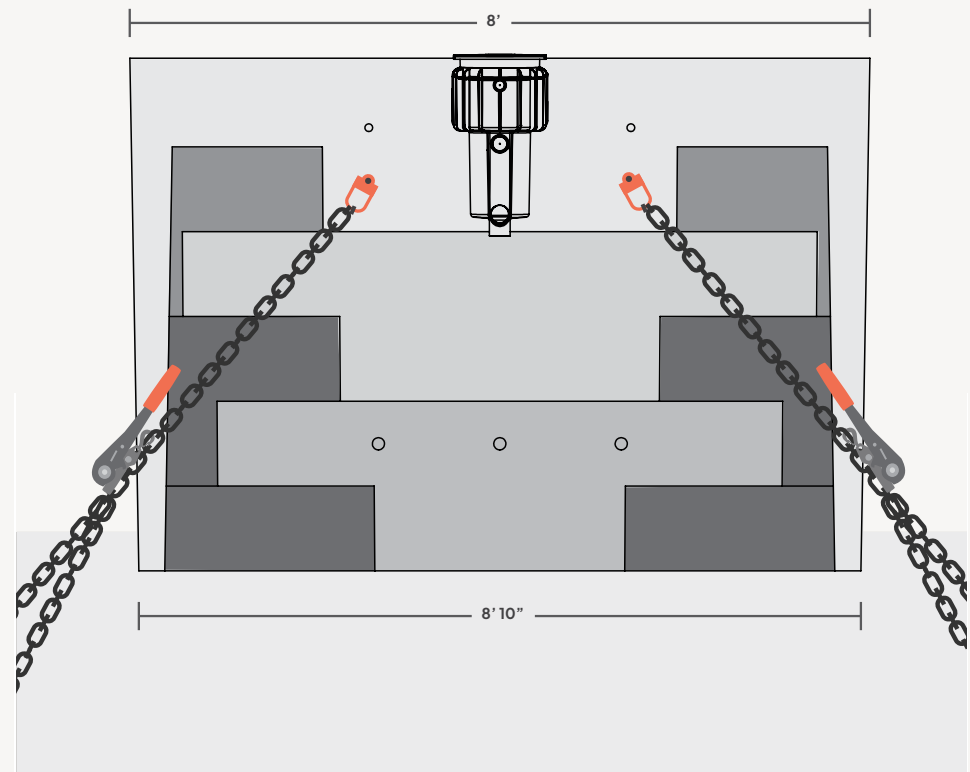
## DIMENSIONS

Length	15'
Width	8'
Base Width	7' 10"
Height	5' 6½"
Weight	18,000 lbs
Lashing points	4 x Conac Swivel Lift Plate (SWLP10)
Tools required	1½" socket

**Note**  
Cross lashing only required on opposite end to the skimmer and plumbing.



## SKIMMER END



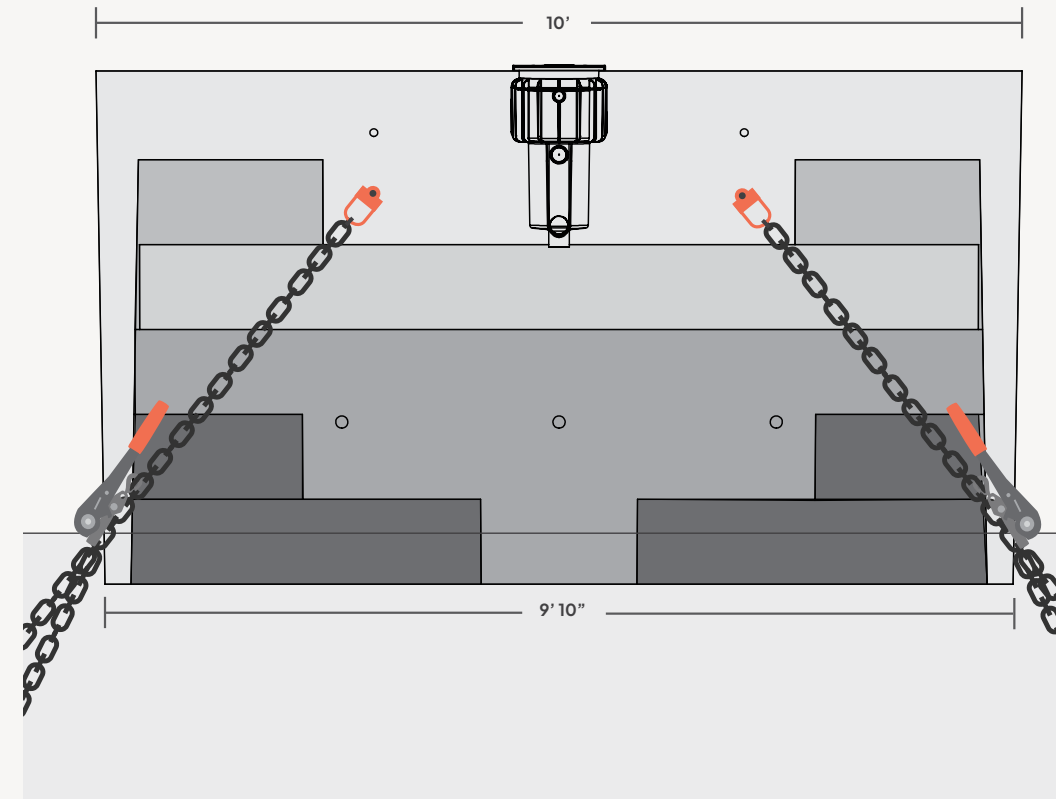
## DIMENSIONS

Length	20'
Width	10'
Base Width	9' 10"
Height	5' 6½"
Weight	25,550 lbs
Lashing points	4 x Conac Swivel Lift Plate (SWLP10)
Tools required	1½" socket

**Note**  
Cross lashing only required on opposite end to the skimmer and plumbing.



## SKIMMER END



## Crane Lifting

Ensure your crane operator has the correct lifting documents provided by Plungie to allow for a safe, gentle placement of your Plungie onto your prepared slab.

Once the transport restraints have been removed, your Plungie is now in the care and responsibility of your trusted and skilled crane providers.

Your Plungie will be sent with the lifting lugs attached, either at the end or in a transport lashing position. Please ensure your crane provider unscrews these lugs and places them in the lifting position. Correct setting of the crane spreader bar is critical for a safe lift, that doesn't 'choke' your new Plungie. We are experienced at lifting heavy things, so please at any point if you, or your crane provider need any assistance, reach out to us.

## SLEW CRANE

A slew crane is a stationary revolving crane. In a residential setting, they're often used to lift a Plungie over a home, or any other structure such as fencing, trees and garages. They have stabilizer legs and outriggers and therefore require a larger setup footprint for operation, having the capacity to lift greater distances of up to 40m or more. Once under load, a slew crane will pick up a Plungie, reach, and rotate it to a specific point, before placing it in position.

**You will be required to:**

**Arrange for crane hire to be on-site at point of delivery to lift the pool from the delivery truck to its prepared footing on your site.**

**Order back fill to arrive day of delivery for in-ground installations. It is recommended that back fill is completed once the pool is installed to prevent any movement. Refer to [Step 5](#) for additional information on back fill requirements.**

## PLUNGIE WILL SUPPLY YOU WITH:

- Standardized lifting diagrams containing key information required for all crane hire engagement

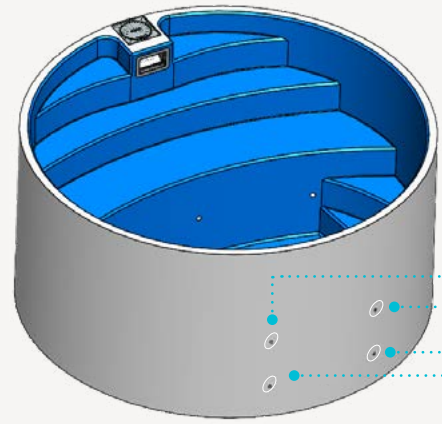
The following contents will be transported within your skimmer, please remove and keep in a safe place upon delivery:

- Skimmer key
- Light tool
- 4 x grounding clamps, washers and nuts
- 4 x 4 inch coil bolts for lifters
- Threaded Hydrostatic valve
- Hydrostatic valve cover and screw



**Note:** Your Plungie may come with the hydrostatic valve installed, if not the cover and tools to install this is located within this box.





**\*NO LIFT**  
Lashing Points Only

Lifting Points



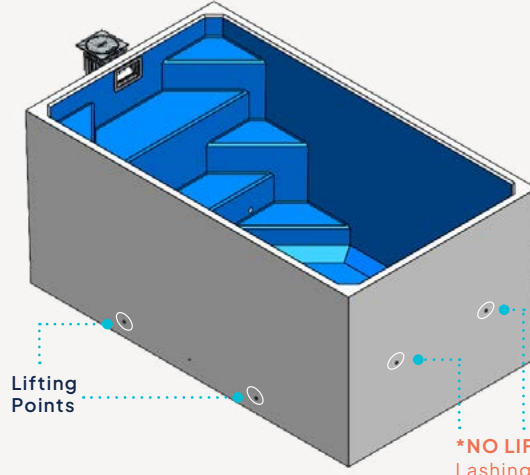
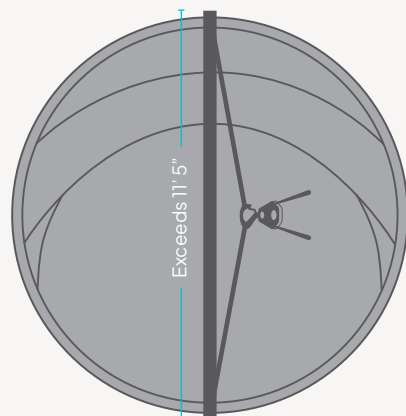
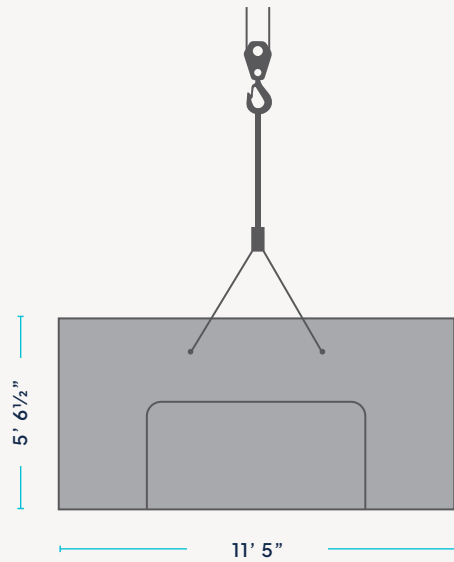
## Plungie Arena Lifting Specifications

Diameter	11' 5"
Height	5' 6½"
Weight	16,000 lbs
Lift Type	Spreader bar with straps / chains
Lifting Points	1" x 4" Coil Bolts (provided)
Tool Required	1½" Deep Socket and Extended Socket Ratchet



### Important Information

The tools required must be provided by the crane company. Damage to the product may occur and void the warranty if not lifted correctly. Padding or a guard may be needed in cases to prevent physical damage.



Lifting Points

**\*NO LIFT**  
Lashing Points Only

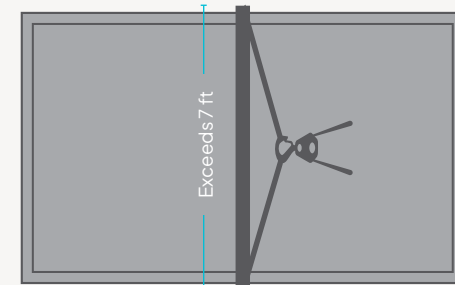
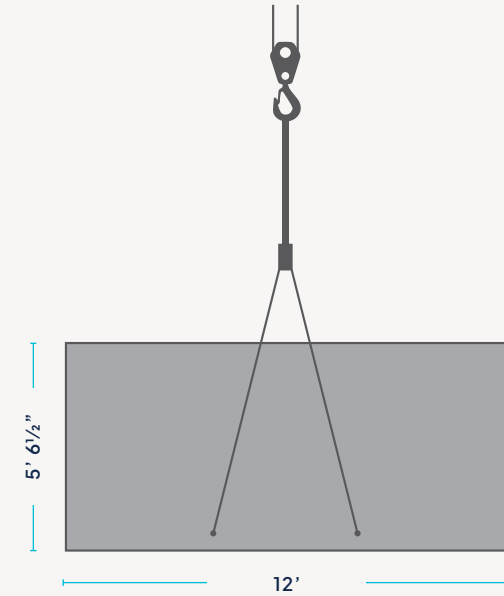
## Plungie Studio Lifting Specifications

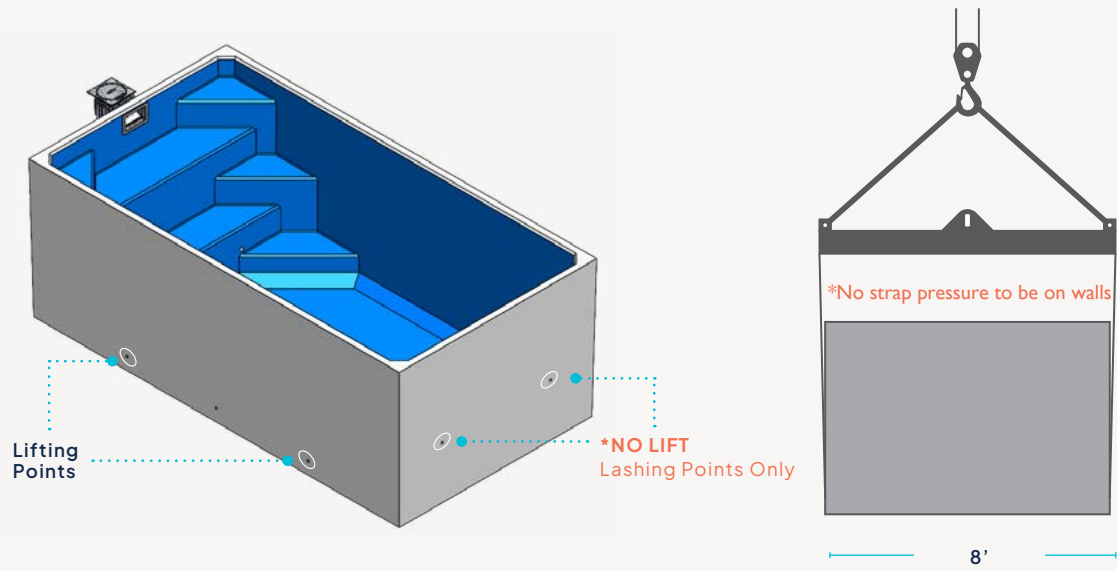
Length	12'
Width	7'
Height	5' 6½"
Weight	15,000 lbs
Lift Type	Spreader bar with straps / chains
Lifting Points	1" x 4" Coil Bolts (provided)
Tool Required	1½" Deep Socket and Extended Socket Ratchet



### Please note:

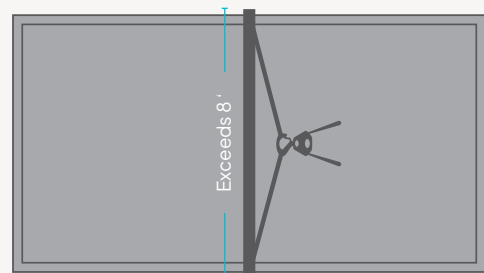
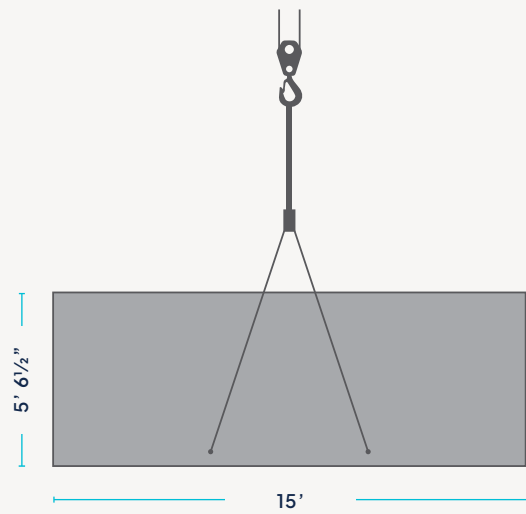
The tools required must be provided by the crane company. Upon arrival, move the swivels from the lashing position to the lifting position. Damage to the product may occur if not lifted correctly. Padding or a guard may be needed in cases to prevent physical damage.





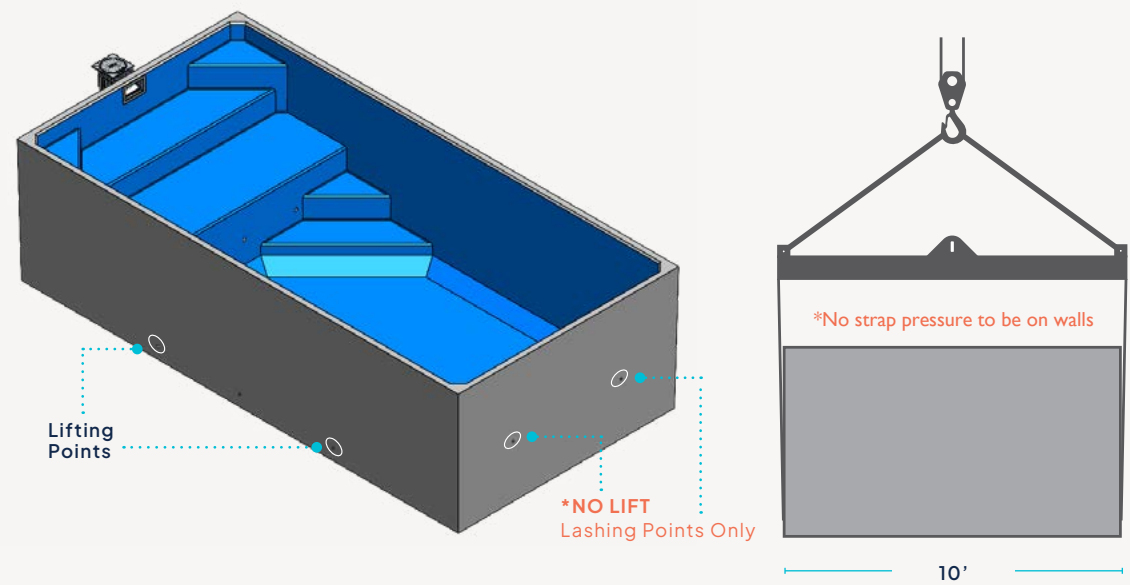
## Plungie Original Lifting Specifications

Length	15'
Width	8'
Height	5' 6½"
Weight	18,000 lbs
Lift Type	Spreader bar with straps / chains
Lifting Points	1" x 4" Coil Bolts (provided)
Tool Required	1½" Deep Socket and Extended Socket Ratchet



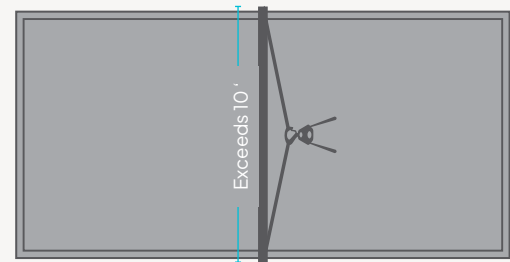
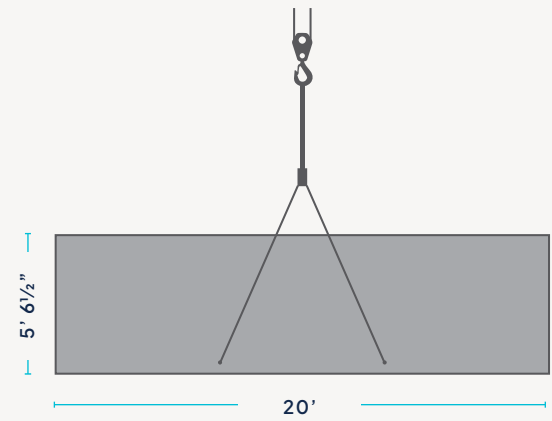
**Please note:**

The tools required must be provided by the crane company. Upon arrival, move the swivels from the lashing position to the lifting position. Damage to the product may occur if not lifted correctly. Padding or a guard may be needed in cases to prevent physical damage.



## Plungie Max Lifting Specifications

Length	20'
Width	10'
Height	5' 6½"
Weight	25,550 lbs
Lift Type	Spreader bar with straps / chains
Lifting Points	1" x 4" Coil Bolts (provided)
Tool Required	1½" Deep Socket and Extended Socket Ratchet



**Please note:**

The tools required must be provided by the crane company. Upon arrival, move the swivels from the lashing position to the lifting position. Damage to the product may occur if not lifted correctly. Padding or a guard may be needed in cases to prevent physical damage.





[www.plungie.com](http://www.plungie.com)  
1300 PLUNGIE (758 644)