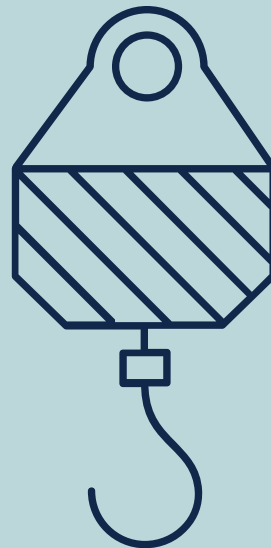


INSTALLATION GUIDE
ARENA | STUDIO | ORIGINAL | MAX

Step 04

Crane Hire + Delivery



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 Approval



Site Preparation



Crane Hire + Delivery



Electrical + Backfill



Plumb Up



Finishings + Surrounds



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 + Delivery

- ☐ ORGANIZE CRANE HIRE
- ☐ PROVIDE LIFTING DIAGRAMS TO CRANE HIRE COMPANY
 - [+ Arena Lifting Diagram](#)
 - [+ Studio Lifting Diagram](#)
 - [+ Original Lifting Diagram](#)
 - [+ Max Lifting Diagram](#)
- ☐ CONFIRM DELIVERY DATE AND TIME WITH PLUNGIE
- ☐ ENSURE CRANE IS ON SITE AT TIME OF DELIVERY

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
- ☐ Order backfill 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 sub base.

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 sub base. 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 alternative mapping solutions, 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 to most of America and our pools are dispatched out of the following location:

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

DELIVERY TIME

Plungie will contact you 7–10 days prior to dispatch with a confirmed delivery time.

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.
- If you have restricted access to the property, please contact the Plungie team for a solution.

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:

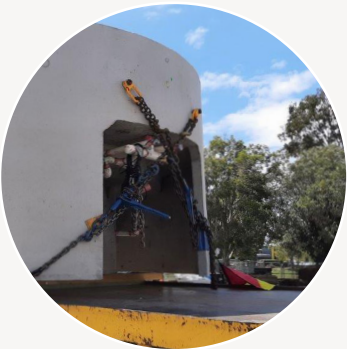
- You will be contacted 14 days prior to expected dispatch date of the pool to confirm you are ready to be booked for freight or collection.
- If you require any changes to your delivery date, this must be communicated prior to 14 days to prevent storage fees.
- Standard delivery includes an unload time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

DIMENSIONS

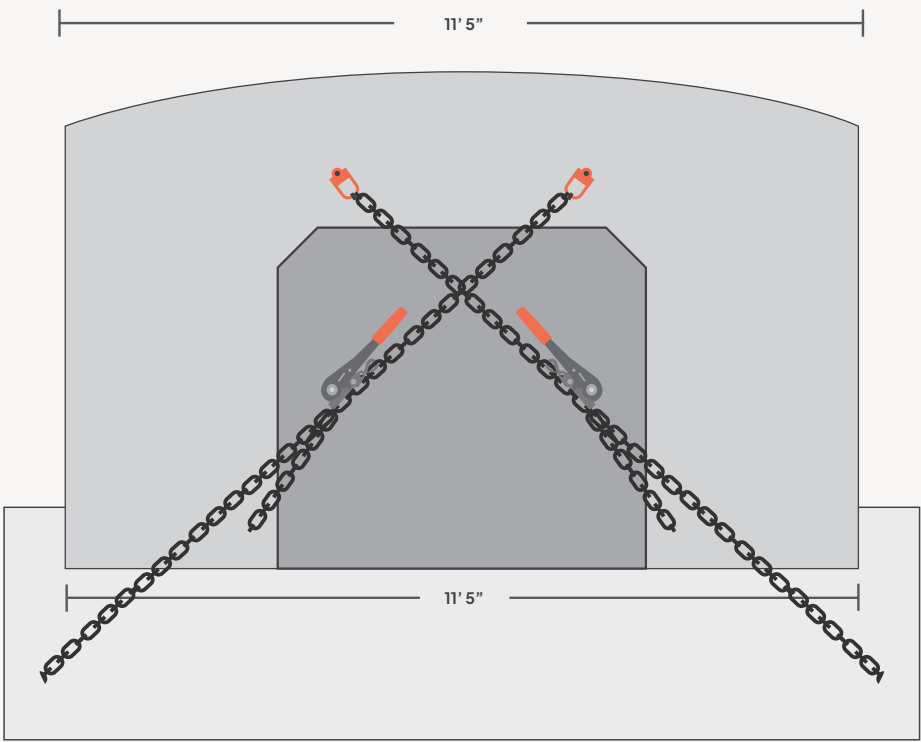
Diameter	11' 5"
Height	5' 6½"
Weight	16,100 lbs
Lashing points	4 x Conac Swivel Lift Plate (SWLP10)
Tools required	11/2" socket + 15/8" socket



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



SKIMMER END



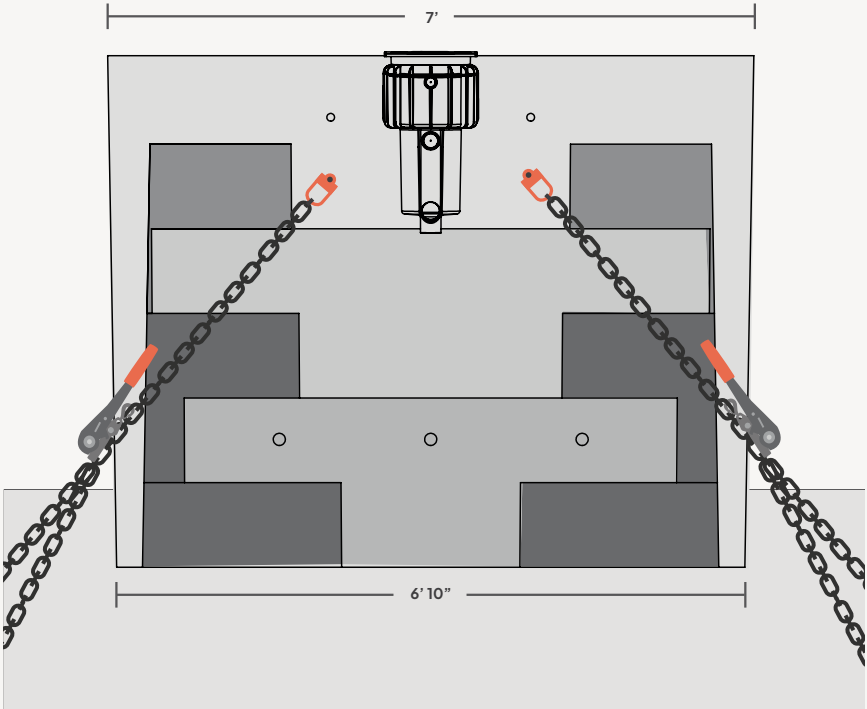
DIMENSIONS

Length	12'
Width	7'
Base Width	6' 10"
Height	5' 6½"
Weight	14,600 lbs
Lashing points	4 x Conac Swivel Lift Plate (SWLP10)
Tools required	11/2" socket + 15/8" socket

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



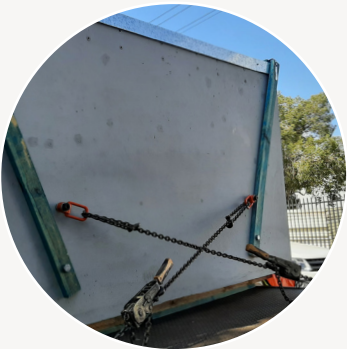
SKIMMER END



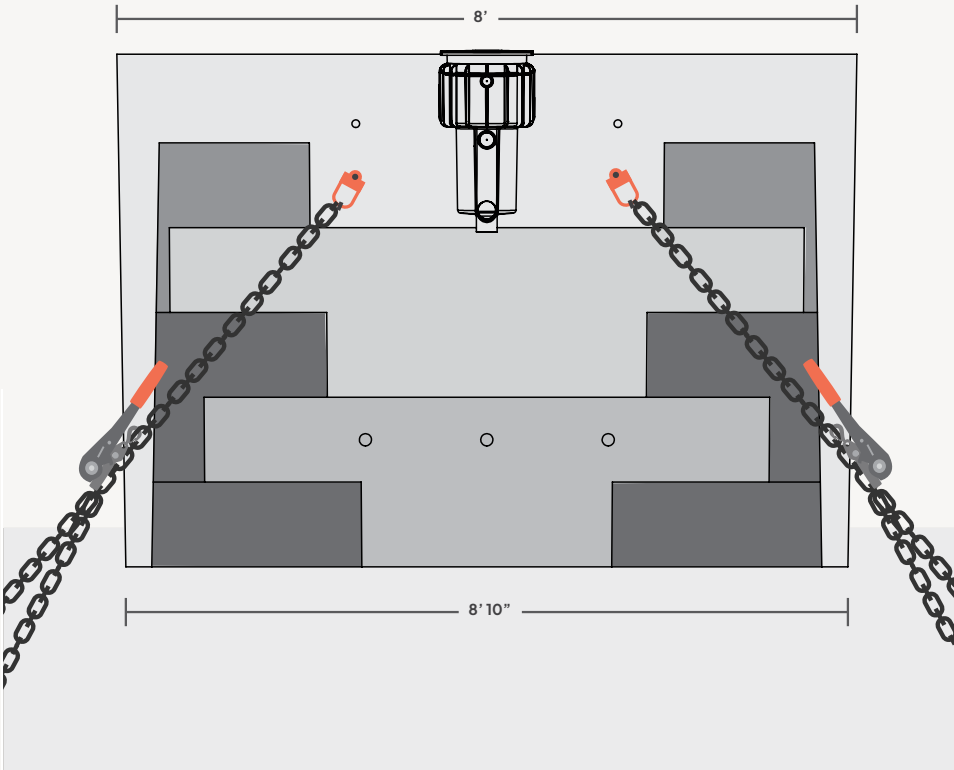
DIMENSIONS

Length	15'
Width	8'
Base Width	7' 10"
Height	5' 6½"
Weight	17,500 lbs
Lashing points	4 x Conac Swivel Lift Plate (SWLP10)
Tools required	11/2" socket + 15/8" socket

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



SKIMMER END



DIMENSIONS

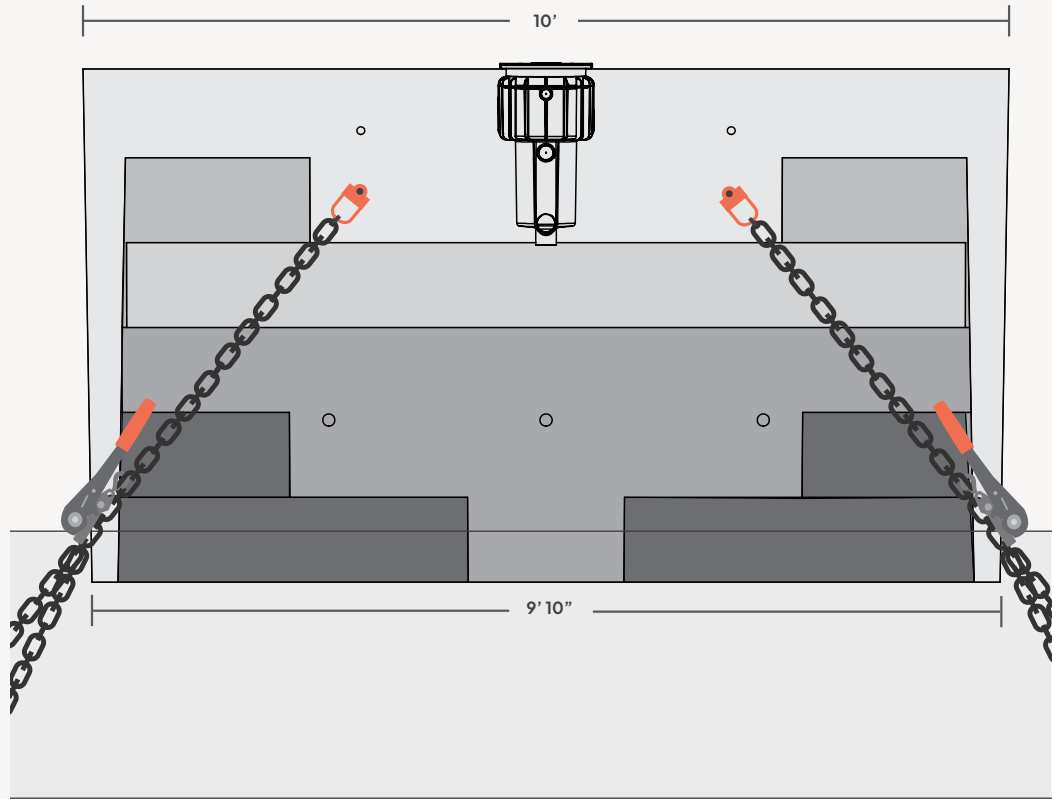
Length	20'
Width	10'
Base Width	9' 10"
Height	5' 6½"
Weight	25,600 lbs
Lashing points	4 x Conac Swivel Lift Plate (SWLP10)
Tools required	1 1/2" socket + 15/8" socket



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 sub base.

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 130 feet 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 backfill to arrive day of delivery for in-ground installations. It is recommended that backfill is completed once the pool is installed to prevent any movement. Refer to [Step 5](#) for additional information on backfill 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 pool, bubble wrapped inside a cardboard box. Please remove and keep in a safe place upon delivery:

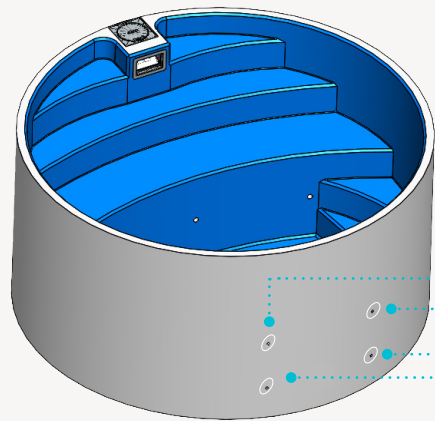
- Spa Electrics Light Transformer
- Grounding lugs, washers and nuts
- Lifting coil bolts
- Hydrostatic cover and valve
- 2 x eyeballs
- 2 x safety suction covers
- Skimmer lid lock key.



FRANNA CRANE

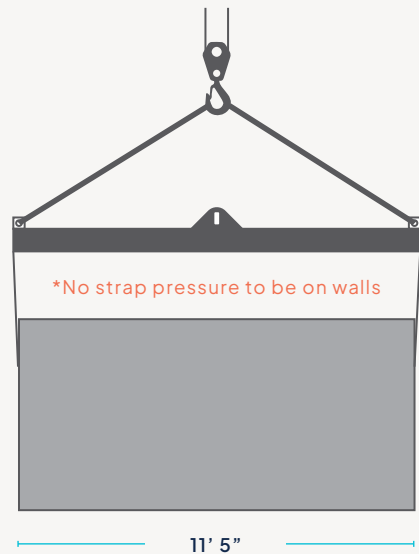
A franna crane is a mobile, lift and carry crane. They're convenient in residential spaces because they can pick up a Plungie and maneuver it into a tight space. Franna cranes don't have stabilizer legs or outriggers, because they're designed to move their load from one point to the next, within a short radius.

However, what they gain in being nimble, they lose in their ability to reach under load, which is why they are used only when dealing with vacant, side access and drive-in access projects.



***NO LIFT**
Lashing Points Only

Lifting
Points



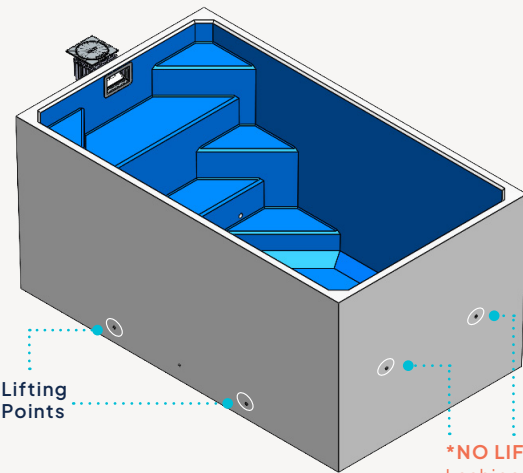
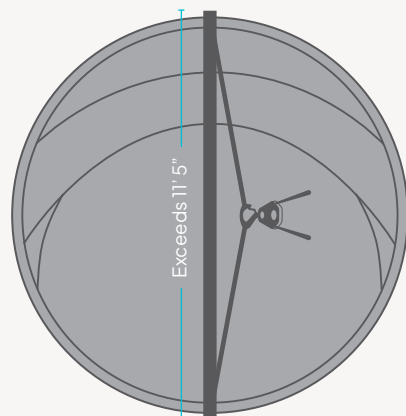
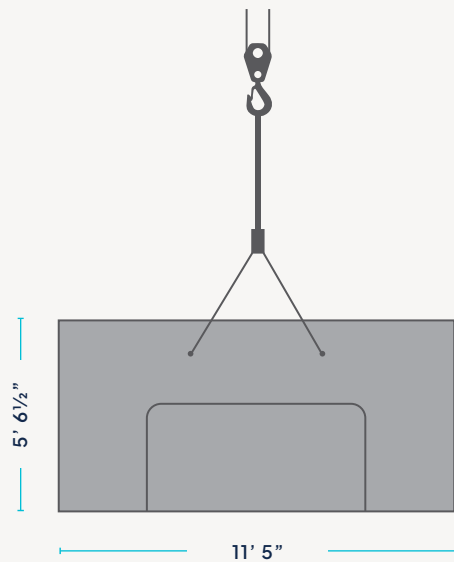
Plungie Arena Lifting Specifications

Diameter	11' 55"
Height	5' 6 1/5"
Weight	16,100 lbs
Lift Type	Spreader bar with straps / chains
Lifting Points	1" x 4" Coil Bolts (provided)
Tool Required	1 1/2" Deep Socket for 3" Tie Down and 1 5/8" Deep Socket for 4" Lifting



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.



Lifting
Points

***NO LIFT**
Lashing Points Only



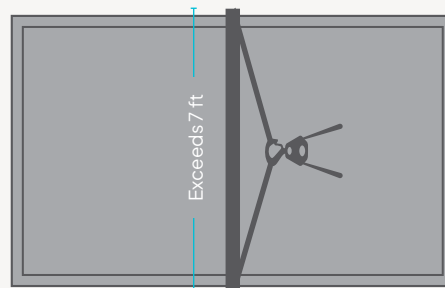
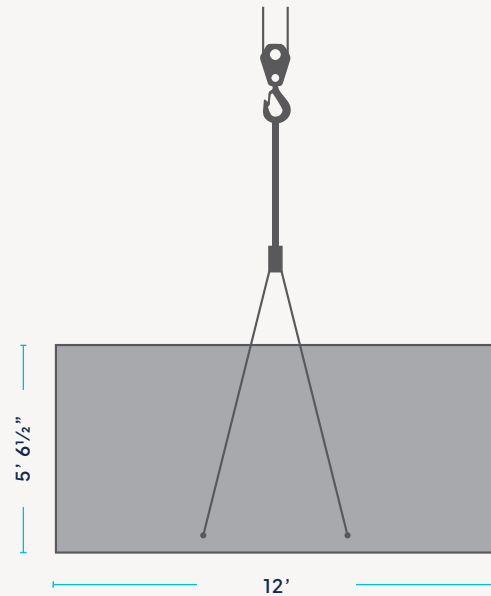
Plungie Studio Lifting Specifications

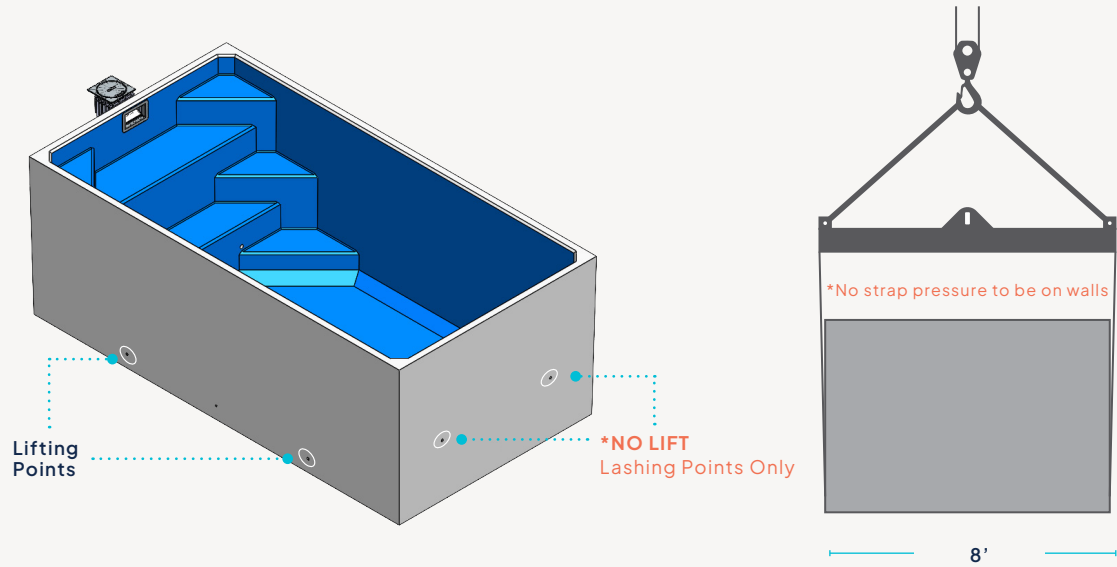
Length	12'
Width	7'
Height	5' 7"
Weight	14,600 lbs
Lift Type	Spreader bar with straps / chains
Lifting Points	1" x 4" Coil Bolts (provided)
Tool Required	1 1/2" Deep Socket for 3" Tie Down and 1 5/8" Deep Socket for 4" Lifting



Please note:

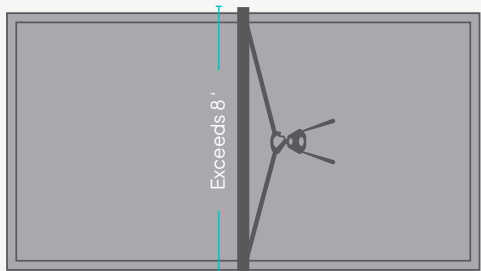
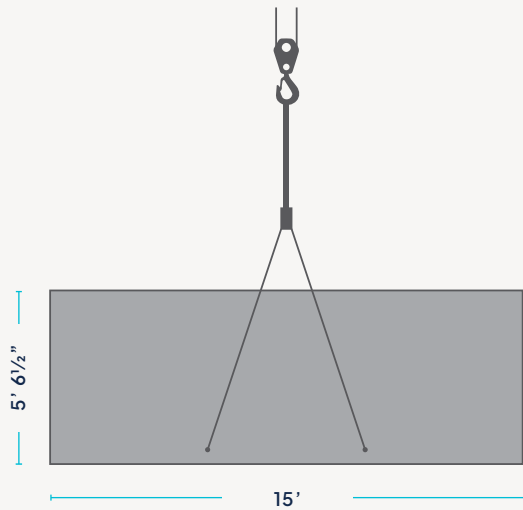
The tools required must be provided by the crane company. Upon arrival, move the swivels from the lashing position to the lifting position. Damage to the product may occur if not lifted correctly. Padding or a guard may be needed in cases to prevent physical damage.





Plungie Original
Lifting Specifications

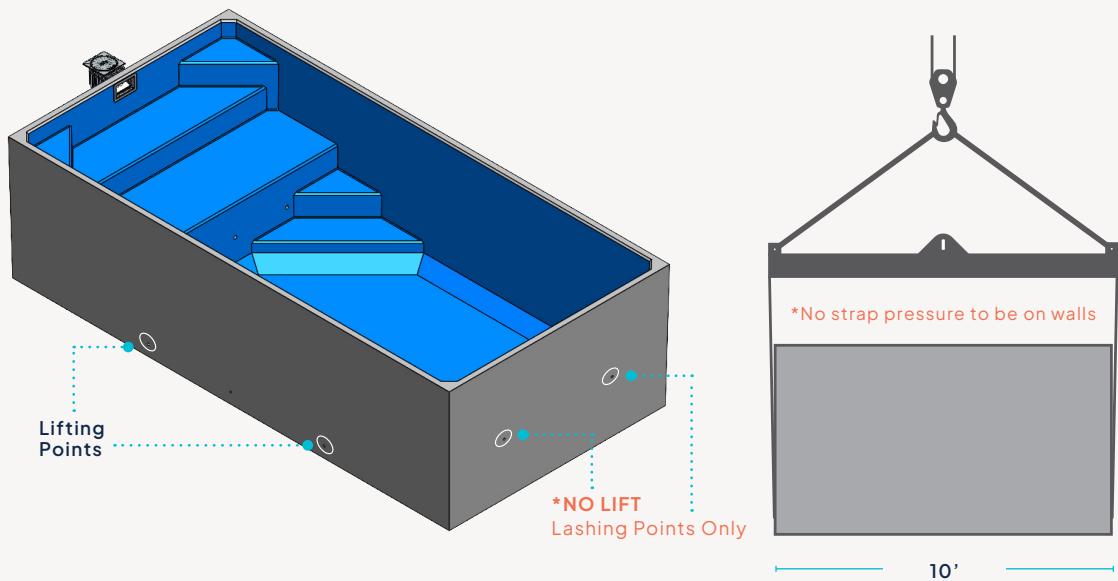
Length	15'
Width	8'
Height	5' 7"
Weight	17,500 lbs
Lift Type	Spreader bar with straps / chains
Lifting Points	1" x 4" Coil Bolts (provided)
Tool Required	1 1/2" Deep Socket for 3" Tie Down and 1 5/8" Deep Socket for 4" Lifting



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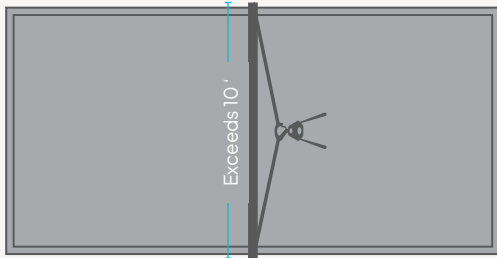
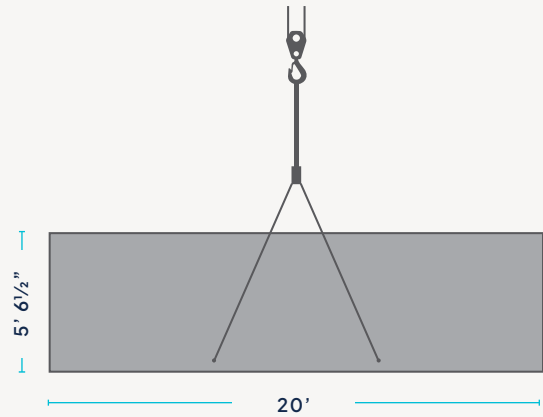
Please note:

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' 6 1/2"
Weight	25,600 lbs
Lift Type	Spreader bar with straps / chains
Lifting Points	1" x 4" Coil Bolts (provided)
Tool Required	1 1/2" Deep Socket for 3" Tie Down and 1 5/8" Deep Socket for 4" Lifting



!

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.com/en-us
1300 PLUNGIE (758 644)