Step 1: IGT Site Preparation

Site Location

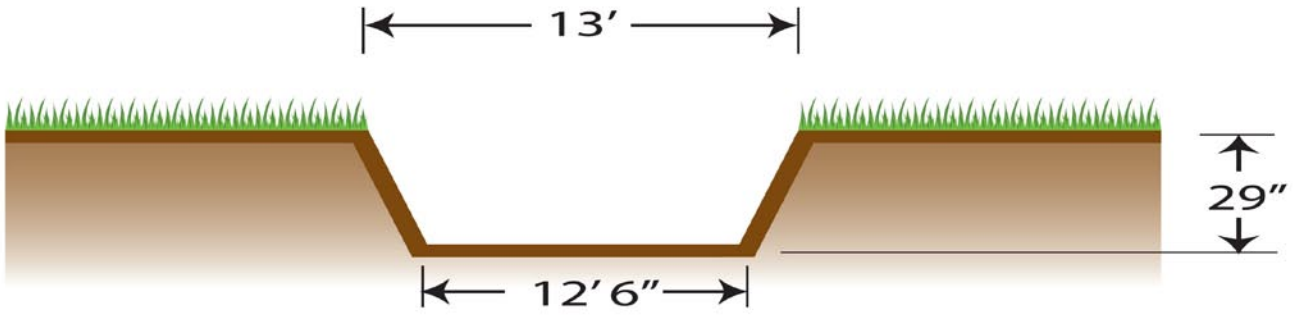
Several factors must be considered when choosing the site for your new In-Ground Trampoline (IGT) system. Since local soil and weather conditions vary greatly from region to region, it is recommended that a local landscape expert be consulted for placement of the system.
A minimum of 18 feet of overhead clearance and 6 feet of clearance from the trampoline to other objects on the ground is recommended for the jumpers protection.
Using impact-absorbing ground cover such as grass, sand or bark chips is recommended for 6 to 8 feet around the trampoline.

Drainage

Drainage is not a problem with our In-Ground Trampoline system.
It is recommended to leave at least 4 inches of the trampoline above the final grade and gradually burming the soil up to the edge of the trampoline. This will keep water from flowing into the pit in the event of heavy rain. Depending on local soil conditions you may consider adding 4 to 6 inches of gravel into the bottom of the pit, creating a sump effect to prevent standing water. Extreme conditions may require additional drainage methods or the use of a sump pump. It is always a good idea to consult a local landscaper regarding local soil conditions and drainage for your area.

The Pit

The IGT system is designed to be installed partially or completely recessed in the ground.
Either way, the pit will need to be excavated to a diameter of 13 feet. If the IGT system must be assembled in the pit due to size constraints of the yard, a 14 foot pit is recommended for easier access to assembly hardware.
For a completely recessed system we recommend the excavation of the pit depth be 29 inches deep. See below for **Pit Dimensions**. The system is a total of 33 inches tall so this allows for the trampoline to remain at least 4 inches above the grade as recommended in the **Drainage** section.
For a partially recessed system, the dirt excavated from the pit can be used to build up the area around the installation. Excavating the pit to a depth of 21 inches leaves 12 inches of the system exposed. This method eliminates the need for removing excavated soil from the property.



In-Ground Trampolines Hole Dimensions

Step 2: Lay Out Parts

Parts list

Quantity	Description
12	Top Frame Segments (10 hole)
12	Bottom Frame Segments (4 hole)
24	Side Panels
24	Rubber Edge Protector Strips
1	Pad Set
1	Jumping Surface
96	Springs
48	Bolts
48	Nuts
96	Washers
12	Screws
1	Tool Kit

Lay Out Parts for Easy Installation

Lay out parts as shown to simplify assembly of the frame. Use one of the shipping boxes to separate all the hardware.

Step 3: Frame Assembly

Tips

- Use the assembled lower frame ring as a template to help locate and mark for pit excavation.
- Assembly should occur next to the excavated pit. If there is no room for assembly close to the pit, it can be assembled in the pit however it is recommended to excavate the diameter of the pit to 14 feet for easier access.
- Be sure the spring holes on the top frame segments are facing up.
- Leave all bolts and screws loose to allow movement of the components during assembly for easier bolt hole alignment.
- Unless you are on a perfectly level surface for assembly, some holes may be difficult to line up. Use a long screwdriver to help locate and align holes

Step A: Assemble lower frame ring section.

Assemble lower ring using the 12 lower frame segments and 12 screws with the screws facing up. Leave the screws loose for now.

Step B: Join 3 wall panels with one top frame segment.

Lay 3 panels on the ground overlapping each other so the holes are aligned. Attach the top holes of the panel (holes closest to the edge with the protector strip) to the upper frame segment using a bolt and washer on the panel side and a nut and washer on the frame side as shown in the photo below right. Make sure the spring holes are facing up on the top frame segment. Do not tighten the bolts at this time.

Step C: Join the 3 wall panels and upper segment to the lower frame ring.

To make assembly easier, use the shipping boxes to support the lower frame ring about 6 inches off the ground while attaching the wall panels.
Attach the assembly from step 2 to any place on the lower frame ring using a bolt and washer on the panel side and a nut and washer on the frame side.
Do not tighten bolts at this time.

Step D: continue adding wall panels and upper frame segments.

Attach 1 wall and 1 upper frame segment at a time always starting with lower bolts first. Use the Allen wrench to help push the bolts through the holes.

Step E: Complete the frame assembly.

The final wall panel and upper segment installation may require lifting and/or shifting the frame. This is why the bolts should be left loose until the frame is completed. Be sure all edge protectors are properly seated prior to tightening the hardware.
When all components and hardware are in place, tighten all bolts and screws.
The frame/wall panel bolt should protrude about ¼ inch past the nut when tightened. Do not over tighten and crush the wall panel.

The Frame is now complete

Step 4: Position Frame Assembly into Pit

Install

The frame can now be placed into the excavated hole. The completed frame weighs 235 lbs. and will require 3 to 4 adults to position the frame into the pit.

Level Frame

A level frame is important for safe trampoline use. Use a string level or similar device to make sure the frame is completely level before continuing.

Backfill

Backfill the frame assembly. It is best to use 4 to 6 inches of gravel at the bottom of the pit as well as 4 to 6 inches of gravel outside the wall panels before backfilling with dirt to prevent any distortion of the frame and to help keep the system level.
Leave the last 6 inches of the frame assembly exposed until the safety pads are installed.

Step 5: Install Jumping Surface

Attach Every 4th Spring

Using the provided spring tool, start at any point attaching every 4th spring from the frame to the rings on the jump mat, skipping 3 holes on the frame and 3 rings on the mat. Although it is hard to see, the spring has a large hook and a small hook. (see photo) Make sure the small hook is attached to the jump mat first and then using the spring tool, pull the larger hook and attached to the frame.
It is very important to attach springs in the correct pattern. Be sure the "D" ring on the jump mat is oriented properly.

NO!

Attach middle springs

Attach the springs in the middle of the first round of springs

Attach all remaining springs

Make sure the springs already attached are correct. There will be a frame hole and mat ring for each spring. After the pattern is confirmed correct, attach the rest of the springs to the frame and mat.

Step 7: Attach pad

Edge protector

Before installing pads, make sure the Edge Protector is properly in place

Install pad

Lay the pad out on the perimeter of the trampoline.
Tie the pad down by slipping the longer of the two ties up between the frame and wall panel on either side of one of the frame/wall panel bolts. Tie tightly so the pads will not slide around. The ties will line up with every other frame assembly bolt.

Fold the side skirt down and secure it to the side of the frame structure with the provided Velcro adhesive pads. At this point the remainder of the backfill process can be completed, pinching the pad skirt between the frame and the dirt. It is important that the dirt or whatever impact absorbing material used is flush with the top of the frame.

Bounce adjustment

If you want to “deaden” the bounce, you can clip the plastic pad clips on the bottom of the pad to the jump mat D rings. This decreases the airflow and deadens the bounce. This is great for beginner jumpers getting used to the trampoline.
Unclip the plastic clips for maximum bounce.

Assembly is now complete, enjoy!