





















The following are typical tools that should be available onsite for the installation of your kit. Most of these tools are typical tools found in most experienced carpenter tool kit. If you do not have these tools available, Innova can provide complete tool kits as an added cost and ship them along with your building kit.

	<p>Craftsman 48" and 96" Level</p>		<p>Stanley 47-974 - 16oz Brass Plumb Bob SIZE: 16 oz.</p>
	<p>Framing Square</p>		<p>Speed Square</p>
	<p>Acetylene Gas Torch and Tanks</p>		<p>*1" to 1 ¼" diameter Steel balls 2 each required *** Only required if you are field installing electrical chases</p>
	<p>14" Chop Saw</p>		<p>Heavy Duty Cordless screw guns with extra batteries. Need square tip and Phillips tips.</p>
	<p>Hammer Drill for drilling into 4" concrete slab with 1 ¼" bit</p>		<p>Heavy duty 7 ¼" circular saw – worm drive</p>
	<p>Sawzall and Blades for cement board and wood</p>		<p>Chalk Line - Red</p>

 <p>4" and 7" Angle Grinder</p>	 <p>Metal Sheers</p>
 <p>Fiberglass Ladder</p> <p>Ladders: 1 extension 12/24', 1 step ladder 8' or 6'</p>	 <p>Hammer</p>
 <p>100' and 25' Measuring Tape</p>	 <p>Caulking Gun</p>
 <p>Channel Lock Pliers</p>	 <p>Utility Knives and Blades</p>
 <p>Flat Bar</p>	 <p>2 Heavy Gauge Heavy Duty Contractor Extension Cords 100 foot long each and 2 50 foot long each</p>
 <p>3 Ratchet Straps 20' each</p>	 <p>Wall Brace</p>
<p><b>Wall Bracing:</b> You will need some type of temporary wall bracing to use to align the wall until the roof panels are set and loaded. We can also use pieces of 3/4" emt conduit with flattened ends and drilled holes, for braces. We will need approximately 50 braces per kit.</p> 	

 <p>Hot Knife – Used to field fabricate and remove EPS foam from panel sides to accept connecting splines and accessories.</p>	 <p>Drywall Saw – used to cut EPS around accessories</p>
 <p>Sausage Gun</p>	 <p>Burke Bar</p>
 <p>Foam Gun</p>	 <p>Laser Level – Used to level the floorplate</p>
 <p>Oscillating Multi-Tool – Used to cutout electrical boxes in SIP system</p>	 <p>10" Portable Table Saw</p>
 <p><b>ALERT</b> <b>**SEABOARD CONTAINERS**</b> 8' forks are required to unload seaboard shipping containers. For flatbed deliveries, standard 4' forks are acceptable.</p>	 <p>Structural Shims made from High-Impact Polyethylene or ABS. <b>**DO NOT USE WOOD SHIMS FOR STRUCTURAL SHIMMING**</b></p>
 <p>Telescopic Forklift: It is the recommended equipment for most SIP project installations. The equipment is used to unload the panels from seaboard containers and flatbed trucks as well as to hoist roof panels into position. This equipment will work for most projects that have access around the build. If your project has limited access, a crane may be necessary to hoist long span roof panels into position. A 24' long, 10" thick MGO / plywood roof panel will weigh approximately 700 pounds</p>	



Additional Miscellaneous items:

- Pencils
- Utility Knife extra blades
- APEXS- #2 Cross point/ Square head, extensions, ¼ box drive
- ½" hammer drill bits (large slot drive) & bits 5/8 & ½ in
- Drill Bits – ½ x 8" (x3) concrete / masonry,
- 5/8 x 8" masonry, drill bit (x3)
- ¼" x 8" metal drill bit (x5)
- ¼" x 4" Tapcon drill bits, (x20)
- 3/16" x 4" Tapcon drill bit (x20)
- 8" x ¼" wood drill bit
- Skill saw Wood blades 7 ¼
- Diablo fiber cement Blade 7 ¼
- 4" grinder diamond Blades for cement and Metal Blades
- Sawzall blades Long 8" & 12" all-purpose cutting
- 2" self-tapping screws (braces)
- Nail bags
- If power is not available at the project site, portable generators will be required.