

Little Giant® SAFETY

SOLUTIONS TO THE **MOST COMMON** LADDER PROBLEMS



Using the Wrong Size Stepladder

Using the wrong size of ladder is one of the leading causes of ladder accidents. Operators will often reach a little too far or step a little too high rather than climb down and look for an appropriate ladder. Most operators will break OSHA and ANSI rules by standing on the top rung or top cap of a stepladder, which often puts them in an unstable, unsafe position.

Always Have the Right Size

The Select Step offers multiple solutions in one, easy-to-adapt model, thereby eliminating the need for several types and sizes of ladders on the jobsite. Little Giant removed the top rung, which was really only a sticker holder, and, thus prevented operators from accessing the top rung at all. Operators can quickly adjust the Select Step to the proper height. The Select Step is several stepladders in one, providing users with right size of ladder for every job in one lightweight, type IAA – 375 lb rated stepladder. The Select Step also provides a comfortable standing platform that offers heel-to-toe foot support at the top recommended step.



SOLUTION TO:
WRONG SIZE
OF STEPLADDER



SOLUTION TO:

HANDLING INJURIES

CARRYING HEAVY EQUIPMENT

Strains and Sprains

Handling injuries to the neck, back, shoulders, and legs account for the majority of ladder-related incidents and commonly carry an average total cost of at least \$75,000 in lost time, medical, and workers compensation expenses. These injuries occur when operators carry, lift, or load and unload heavy traditional ladders.

Wheels on a Ladder?

Little Giant Ladders make several fiberglass multi-use stepladders with a very compact storage size, which removes the need to transport the ladder on an overhead truck or van rack, eliminating the risk of strains or sprains while loading and unloading. Tip & Glide Wheels remove the need to carry the ladder from place to place, reducing the incidence of handling injuries.



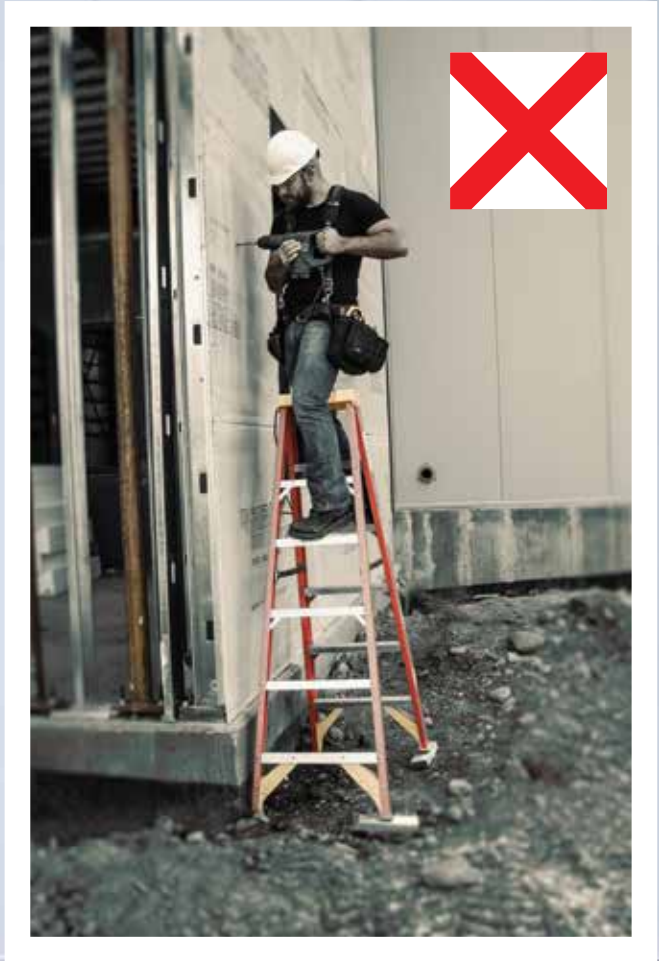
SOLUTION TO:
3 POINTS
OF CONTACT

Complying with 3 Points of Contact

OSHA requires operators to maintain three points of contact with a ladder while ascending and descending. Many safety professionals take it a step farther to require operators to maintain three points of contact, use fall protection, or work in a guardrail-enclosed platform or scaffold while working at height. In many cases, operators find it difficult and even impossible to comply with these rules and keep production going at an efficient rate.

Aerial Safety Cage Meets the Standard

The Aerial Safety Cage's guardrail system and large, stable working area prevent over-reaching and allow operators to work in full compliance without a fall protection system. The Cage's mobility and adjustability also make it quick and easy to move and adapt to each new task, and to do it safely. The Cage is a much faster, more efficient, and cost-effective solution than a powered lift or scaffold system.



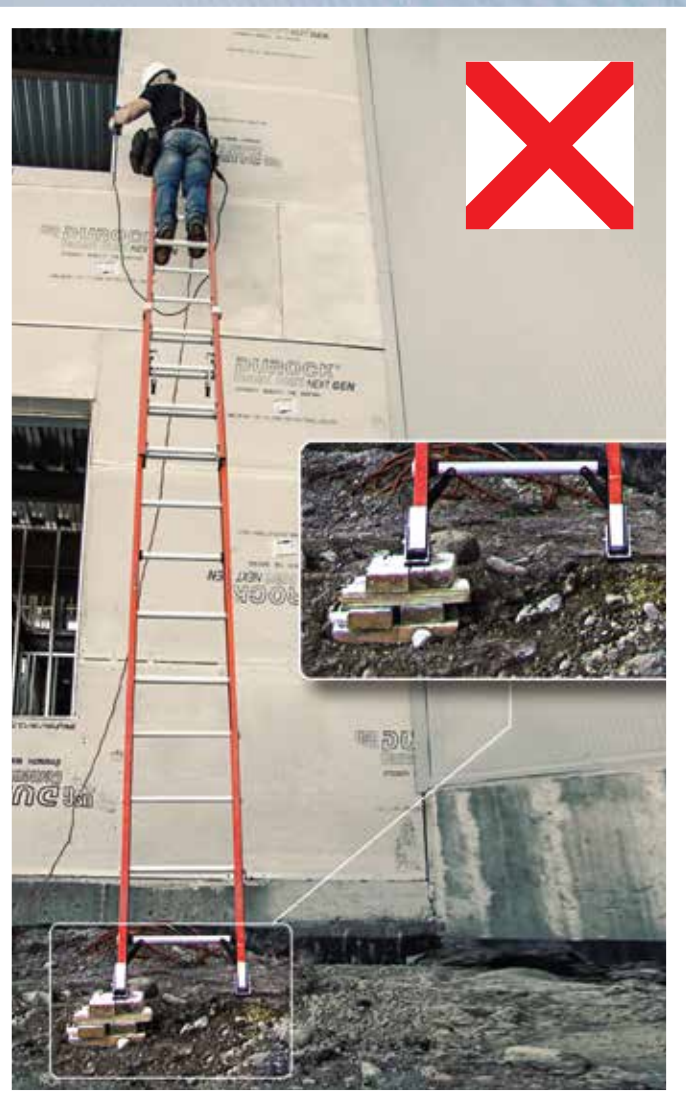
SOLUTION TO:
FACING YOUR WORK
ON A STEPLADDER

Twisting and Straddling on a Stepladder

By nature of their design, traditional stepladders take you farther from your work the higher you climb them. To counteract this effect, most operators turn the stepladder sideways to get close to their work surface. Although this gets the operator closer, it also can result in the operator twisting his body or straddling the ladder unsafely. In many cases, this practice results in the operator accidentally pushing the ladder away from the work surface, destabilizing the ladder, which can result in a serious fall.

Face Your Work

The Little Giant Select Step is one of several Little Giant safety products that allows the operator to use the ladder in the 90-degree position, which allows the operator to face the work surface with his feet on a solid rung and to apply force from a much more stable foundation.



SOLUTION TO:
UNLEVEL
GROUND

Ladders and Uneven Ground Don't Mix

Few job sites are perfectly level. To save time, operators often improvise unapproved leveling methods like bricks, boards, or rocks that are inherently unstable and unsafe. And even very slightly uneven ground can be very dangerous. On an ordinary 28-foot ladder, 1-inch out of level at the base puts you 19 inches off center at the top, putting the operator completely outside the footprint of the ladder. Even if he doesn't over-reach (which he will probably do), it takes very little force to destabilize the ladder when you're that far off center. This kind of situation often leads to the most catastrophic

Adjust the Ladder to Nearly Any Surface

Auto-leveling outriggers on each side provide the Little Giant SumoStance extension ladder with a full 9" of vertical adjustment in 1/8 inch increments for use on sloping or uneven ground. Built-in bubble levels help operators keep the rungs level and the ladder at the proper lean angle. Patented Sumo Stance outriggers double the ladder's base width, increasing side-tip stability by over 600%.



SOLUTION TO:
OVER-REACHING
ON A LADDER

Over-Reaching Causes the Worst Falls

Over-reaching is an all-too-common problem with any kind of ladder—stepladder, extension, or multi-use. It is human nature to overreach rather than climb down and reset the ladder. Even a mild overreach can easily shift the operator's weight outside an ordinary ladder's center of gravity. Once the operator is outside the center of gravity, it takes very little for the ladder to destabilize, causing the operator and the ladder to fall. These falls, especially falls from extension ladders, are the leading cause of ladder-related fatalities.

Train and Protect Operators

Training operators not to over-reach is important, but in reality, in most cases human nature will take over and operators will over-reach. The Little Giant SumoStance features leveling outriggers that double the base footprint of the ladder so the operator cannot feasibly reach outside the ladder's base footprint. Load testing has shown that the SumoStance outriggers increase the ladder's side-tip stability up to 600 percent.