

Manpower and Equipment

Class Reading - Review Learning Objectives

Course Description:

One of the stone industries leading producers of stone-moving devices reports that many stone installers have the misinformed opinion that if they use helpful tools to make their job easier, it somehow undermines or negates their strength, making them weak or less able bodied. This module will focus on the relationship between manpower and equipment and provide viable equipment options for your next installation.

Learning Objectives:

At the close of this course, you will be able to:

1. Recognize the tools and equipment available that help make your job less physically demanding.
2. Understand the relationship between available equipment and manpower required to complete a task.
3. Realize the importance of following instructions, paying attention to detail and remaining alert when operating mechanized equipment.
4. Understand that there is no place for complacency in the stone industry.

Let's recap some of the highlights from the video:

Recognize the Tools Available to Installers:

- Labor saving equipment increase weight leverage and make the process of lifting and carrying stone more ergonomic and safe.
- A short list of tools and equipment available included:
 - Vacuum lifters
 - Carry clamps
 - Portable A-frames
 - Lift carts
 - Dollies
 - Lift cranes
 - Fork lifting accessories for stone
 - Ramps
- The goal of the installer is to transport material from the truck to where it will be installed with minimum lifting by the crew.
- Types of lifting equipment available on the job usually depends on the size of the company.
- Some installation teams install heavy duty cranes on their delivery trucks, along with special clamps that allow them to handle the massive weight and size of bigger stone pieces.
- Regardless of the type of mechanized equipment utilized, it is critical for operators and installers to follow instructions, pay attention to detail and remain alert.

