

HANDLING MATERIALS

29.1. Vocabulary

Ex. 1. Match the words with their definitions.

1. Back support	A. A tool used to lift and move pallets within a warehouse or storage facility.
2. Dolly	B. A small platform on wheels used for moving heavy objects.
3. Forklift	C. Physical work done by people, especially as opposed to that done by machines.
4. Handle	D. A wheeled cart specifically designed for transporting pipes.
5. Manual labor	E. A frame attached to a vehicle for carrying large or bulky items.
6. Pallet jack	F. A vehicle with a pronged device in front for lifting and carrying heavy loads.
7. Pipe carrier	G. The action of moving goods or people from one place to another.
8. Pipe cart	H. A device used for carrying or transporting pipes.
9. Transport	I. The maximum weight that a device or vehicle can safely support.
10. Vehicle rack	J. A part of an object designed for holding, moving, or controlling it.
11. Weight capacity	K. A device or feature designed to support the lower back and promote good posture.

Ex. 2. Complete the sentences with the words in Ex. 1.

1. A _____ is essential for plumbers to prevent injuries during long hours of work.
2. The _____ was used to transport heavy boxes of fittings across the job site.
3. A _____ efficiently moved pallets of pipes from the delivery truck to the storage area.

4. Plumbers use a _____ on their toolboxes for easy carrying between locations.
5. _____ is often required for precise installation of plumbing systems.
6. The _____ helped move large quantities of tiles to the installation area.
7. A _____ is ideal for transporting long pipes without causing damage.
8. The _____ allowed the team to move multiple pipes at once, increasing efficiency.
9. _____ of plumbing materials must be carefully coordinated to avoid delays in the project.
10. The _____ was loaded with ladders and pipes for the day's work.
11. Knowing the _____ of equipment is crucial to ensure safe handling of materials.

29.2. Reading

Ex. 1. Read the text.

Handling materials in plumbing requires careful planning and the right equipment to ensure efficiency and safety. One essential tool is the dolly, which is used to transport heavy boxes of fittings across job sites. For larger loads, a forklift efficiently moves pallets of pipes from delivery trucks to storage areas.

Plumbers often rely on manual labor for the precise installation of systems, but having the right tools can significantly reduce physical strain. For instance, using a back support can prevent injuries during long hours of work. Additionally, a pallet jack is invaluable for moving large quantities of tiles or other heavy materials to the installation area.

Transporting pipes requires specialized equipment. A pipe carrier is ideal for moving long pipes without causing damage, while a pipe cart allows the team to move multiple pipes at once, increasing efficiency. Proper transport of plumbing materials must be carefully coordinated to avoid delays in the project, ensuring everything is on site when needed.

Toolboxes with a sturdy handle make it easy for plumbers to carry essential tools between locations. Moreover, a vehicle rack can be loaded with ladders and pipes for the day's work, optimizing space and organization. Finally, knowing the weight capacity of equipment is

crucial to ensure safe handling of materials, preventing accidents and equipment damage. By using the right tools and strategies, plumbers can handle materials more effectively, enhancing productivity and safety on the job.

Ex. 2. *Answer the questions.*

1. What tool is used to transport heavy boxes of fittings across job sites?
2. Which equipment is essential for moving pallets of pipes from delivery trucks?
3. How can plumbers reduce physical strain during long hours of work?
4. What is the purpose of a pipe carrier in plumbing?
5. Why is it important to coordinate the transport of plumbing materials?
6. How does a vehicle rack optimize work for plumbers?
7. Why is knowing the weight capacity of equipment crucial in plumbing?

29.3. Communication

Ex. 1. *Make sentences using the following words.*

1. pass/me/pipe
2. tighten/screws
3. use/Teflon/tape
4. water/before/fixing
5. need/help/cutting
6. wear/gloves/handling
7. clean/up/finishing
8. right/size/installation
9. secure/joints/wrench
10. checked/water/pressure