

EXCAVATOR TYPES

AND THEIR USE

When you are in the construction business, investing in good quality heavy excavators is vital. Without the right heavy equipment excavators, your business won't take off and renting this equipment over, and over again could get heavy on the pocket. If you are looking to get your hands on some good heavy excavators then let's take a look at 7 popular excavator types you can consider starting your purchase with.



CRAWLER EXCAVATOR

This excavator comes handy for trench digging, landscape grading, and mining. This is also referred to as the standard excavator and is known to work well even on uneven terrain. It's known as a crawler because it is a little slower than wheeled excavators. This is one of the first excavators you will learn to maneuver during your heavy equipment training at HEC.



WHEELED EXCAVATOR

A wheeled excavator comes handy when your construction revolves around flat hard surfaces. The best part about a wheeled excavator is it moves a lot faster than a crawler and is more efficient on asphalt and concrete surfaces. It cannot be used on steep slopes and hills, but it's one of those excavator types that are easy to maneuver on flat surfaces.



SUCTION EXCAVATOR

A suction excavator is a unique type of excavator used for underground projects, debris cleanup, and fragile digging jobs. This machinery focuses on a particular area without damaging the surrounding surface. It comes with a 30cm suction pipe, which means covering up a large surface could take a while.



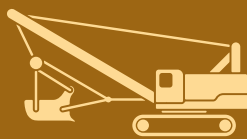
LONG REACH EXCAVATOR

A long reach excavator is recommended for hard to reach areas. It comes with an extendable arm that can go over a water body or a path that would not otherwise be able to handle the weight of an excavator. However, these kinds of excavator types require quite a bit of open space around so that you can maneuver the arm properly.



HYDRAULIC SHOVELS

A hydraulic shovel comes handy for mining and digging projects. The shovel comes with a dynamic, powerful engine and an extremely large bucket capacity that helps clean up a construction site a lot faster. This excavator is not recommended for small construction jobs.



DRAGLINE EXCAVATOR

A dragline excavator is one of the most amazing digger machines. It is effective when it comes to underwater operations, deep pile driving, road excavation, harbor construction, deep excavation, and surface mining. These excavators can dig up to a depth of 213 feet and more. The only issue with these excavators is they are extremely large and are not suitable for small or mid-sized projects.



Depending on the kind of construction you are into, you also need to enroll at Heavy Equipment Colleges of America to understand these machines better. You can also consider purchasing construction excavators every few months until you complete your collection and set up your construction business. Understanding the excavator operator guide is also critical. While this may be a big investment, it is something that will pay off in the long run.

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