

WHICH INDUSTRIES MOST USE HYDRRAULICS AND HOW ARE THEY USED?

Construction

Hydraulics are able to generate a lot of power in a small space. Construction sites have a lot of heavy lifting to do. This is why Hydraulics are so frequently used by construction crews. This includes jackhammers, bulldozers, cranes, and much more.

Landscaping

Dirt becomes quite heavy, quite fast. For those that are working to regrade a patch of earth, extra power is a necessity. Landscapers frequently make use of dump trucks to haul massive amounts of dirt, and steer skid loaders to get it where it needs to be.

Automotive

The automotive industry wouldn't be where it is today if not for hydraulics. These systems help operate the machinery used to build the vehicles. They are also used within the vehicle itself. Quite literally, these machines wouldn't work as well or efficiently if hydraulic systems were not utilized both in the construction as well as the operation of the vehicle.

Aerospace

Airplanes are essentially more advanced cars. Much like the automotive industry, the aerospace industry uses hydraulic equipment both in the production and operation of their products. This includes the manufacturing of the fuselage as well as the landing gear that helps the airplanes land and take off safely.

Entertainment

Have you ever been to an amusement park? If so, you've most likely made use of one of the various uses of hydraulics for entertainment. Roller coasters, ferris wheels, and other attractions make use of hydraulics to operate safely and smoothly.

Water Treatment

Hydraulic valves dictate the direction of flow in our water treatment facilities. The ability to adjust the direction also adjusts the pressure of water flowing through the treatment processes. This provides consistency in the result as well as ease of use for the operators of the machinery.