



Submersible Pumps Are Efficient, Durable, and Completely Waterproof

Submersible pumps are used by the US Navy and US Coast Guard to deal with flooding onboard ships. In the food and beverage processing industry, the application of submersible pumps is fairly common. When liquids are being processed, it is necessary to ensure that they do not spill over into adjacent areas. This ensures cleanliness and safety, and also assists in sanitizing the area that is being worked in. To achieve this end, suction piping is used, which attaches to the outside of a container or the inside. The pipes that are used here are usually made of rubber, stainless steel, or some kind of plastic. The size of the pipe needed will depend on the type of fluid being processed.

Submersible pumps also find application in the agriculture sector. For instance, in December 2020, SunCulture, a provider of solar water submersible pumps for irrigation received the funding from Energy Access Ventures (EAV), Electricité de France (EDF), Acumen Capital Partners (ACP) and Dream Project Incubators (DPI).

Oil wells in places where water is scarce have been developed to tap into the ground water, thus ensuring an environmentally sound operation. But in some regions, groundwater is highly saline, while others may lack adequate water for irrigation or other domestic uses. In such cases, there are several pumping options available. In the case of oil wells, submersible pumps can be used to maintain a constant water level even when underground. They are available in various specifications and are generally easy to install.

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When it comes to wastewater treatment, submersible pumps work wonderfully for organic substances, solids like sludge, and heavy sediments. In fact, they work so well that you will soon discover them being installed in wastewater pipelines. The fact that they do not cause any damage when transporting liquids, makes them the ideal choice for handling liquids like gasoline, diesel, and cement among many others. What's more, they can also pump sewage, giving you an eco-friendly alternative to conventional sewage plants. Their flexible mechanism makes it possible to handle all kinds of pumping applications, ranging from small wells to gigantic projects.