



Toyo dredge pump

The function of a Toyo submersible dredge pump is to pump out and transport sediment, sand, gravel, and rock from bodies of water or excavation sites. It is particularly useful in the mining and dredging industry where large quantities of solids need to be removed. The Toyo dredge pump is an extra heavy-duty pump that can handle these tough materials. The pump is designed with a patented Toyo agitator that helps to break up solids and prevent clogging, a closed impeller that creates a high-pressure flow, and large open passages that allow solids to pass through easily. The pump also has a heavy-duty shaft and bearing configuration, special seals that work in an oil bath, and a custom-built electric motor with a 1.35 service factor. The impeller, wear plates, and agitator are made of cast chrome iron, which is a durable material that can withstand the abrasiveness of solids. The pump has adjustable wear plates that can be optimized for maximum hydraulic efficiency. Overall, the Toyo dredge pump is an efficient and effective solution for pumping and dredging in tough environments.

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