

Dredging method using radio remote controlled amphibious bulldozer Model D155W-1



Abstract

The Amphibious Bulldozer is a remote-controlled underwater construction machine capable of operating at depths of up to 7 meters. We have a strong track record of dredging more than 1200 rivers, beaches and dams, where we have conducted harbor and river operations to prevent and alleviate disasters. Additionally, our remote-controlled operations have proven highly successful in many hazardous areas. In collaboration with Komatsu, we are advancing the development of the auto-controlled electric underwater construction robot. We are showcasing "Underwater construction of the future" at the Expo 2025 Osaka, Kansai, Japan.



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Underwater
construction robot
(Concept machine)