

# **Amphibious Excavator Market Size, Share & Trends Analysis Report By Type (Small Amphibious Excavators, Medium Amphibious Excavators, Large Amphibious Excavators), By Application, By Region, And Segment Forecasts, 2024 - 2030**

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## **Abstracts**

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### **Amphibious Excavator Market Growth & Trends**

The global amphibious excavator market size is anticipated to reach USD 14.55 billion by 2030 and is projected to grow at a CAGR of 10.9% from 2024 to 2030, according to a new report by Grand View Research, Inc. Amphibious excavators have transformed the construction, environmental, and disaster response sectors by providing a versatile solution for accessing remote or marshy areas. Their design, mobility, and adaptability allow operators to handle a wide range of projects efficiently and precisely with minimal environmental impact. As the need for infrastructure development and environmental restoration grows, the demand for amphibious excavators is expected to increase from 2024 to 2030.

The increasing adoption of amphibious excavators in applications such as environmental remediation, excavation dredging, removing aquatic vegetation, cleaning waterways, the mining industry, and disaster relief operations, owing to their numerous benefits, has also contributed to the market growth. Mining companies utilize amphibious excavators for coal mine excavation in rugged terrain. In addition, amphibious excavators are widely used in various stages of open-pit mining, including assisting with water pumps, drainage, and dam construction work.

GPS and telematics technology is becoming more prevalent in amphibious excavators to monitor and enhance their performance. Telematics technology gathers data on machine health, usage patterns, and operational efficiency, which can be remotely accessed. Utilizing insights from this data aids in proactive maintenance, minimizing downtime, and enhancing the durability and dependability of the equipment. Thus, growing technological advancements, coupled with the integration of GPS and telematics technologies, are boosting the market growth.

Due to their high acquisition costs, amphibious excavators are increasingly being offered through rental services. This approach enables contractors to utilize cutting-edge technology without the substantial upfront investment required for purchasing the equipment. Rental companies are expanding their inventories to include amphibious models in response to this trend, offering contractors flexibility and cost-efficiency for short-term projects or those situated in diverse terrains. Thus, increasing rental services of amphibious excavators is further driving the market's growth.

### Amphibious Excavator Market Report Highlights

Based on type, the medium amphibious excavators segment led the market with the largest revenue share of 55.24% in 2023. One of the major factors driving the demand for medium amphibious excavators is their effectiveness in construction and infrastructure development projects in coastal and wetland areas

Based on application, the dredging segment led the market with the largest revenue share of 28.27% in 2023. The growing demand for amphibious excavators for the dredging of harbors, ports, riverbeds and waterways for reclaiming sand and other materials from underwater can be attributed to the segment' growth

Asia Pacific region dominated the market with the revenue share 43.75% of in 2023. The growth can be attributed to an increase in construction activities across various applications such as highway construction and dredging

In January 2023, Land & Water Plant Hire, a prominent specialist plant hire firm, purchased the Hitachi ZX130-7 super long reach excavator in the UK. The Hitachi ZX130-7 model is designed for dredging lakes and rivers, along with riverbank maintenance tasks

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