

Amphibious Excavator with 0.9 cu.m Bucket

This amphibious excavator is commonly used for work in aquatic environments. It has a 0.9 cubic meter bucket and a standard reach of 10.8 meters.



Overview

Versatile Amphibious Excavator

This amphibious excavator is engineered for operation in challenging aquatic and wetland environments. Featuring a specialized pontoon undercarriage, it provides exceptional buoyancy and stability for navigating soft terrains and shallow waters. With a robust hydraulic system and high-capacity bucket, this machine is ideal for demanding applications such as dredging, land reclamation, and environmental remediation.

Engine Performance

Engine Specifications

110 kW

Rated Power

550 N·m

Peak Torque

6.494 L

Displacement

Engine Details

- Six-cylinder
- Mechanical injection
- Turbocharged
- Water cooled

Engine Model

Isuzu BB-6BGTRP

Main Technical Specifications

Digging Forces

94.5 kN

Stick Digging Force

120 kN

Bucket Digging Force

Operating Weight

34500 kg

Standard Bucket Capacity

0.8 m³

Hydraulic System

Key Hydraulic Components

Component	Manufacturer/Type
Main Pump	Kawasaki plunger pump
Main Valve	Kawasaki or Parker
Swing Motor	Kawasaki/Jesung
Traveling Motor	Doosan

Hydraulic Pressure	32 Mpa
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Traveling System

Traveling Speed	0~4.88 Km/h
Ground Pressure	0.014 Mpa

Dimensions

Overall Dimensions (L x W x H)	11200mm x 6000mm x 3950mm
Pontoon Dimensions (L x W x H)	8500mm x 1800mm x 1700mm