



Durability

Durable Hydraulic Undercarriage Pontoons

The new generation of refined hydraulic undercarriage pontoons are becoming even more durable



The hydraulic undercarriage pontoons are extremely important to an amphibious Excavator. Sinoway is proud of his abundant experience on manufacturing pontoons that last. According to your application requirement and working conditions, we are able to design and produce an amphibious excavator especially for your working area. Covering swamps, salty land, off-shore, river area and so forth.

Features for Sinoway Hydraulic Undercarriage:

>>High Grade Steel Material for Pontoons



Dual-Layer Bottom Plate

Sinoway pontoons are standard made with high grade steel sheets, which is with high tensile strength and good corrosion resistant. For special applications like off-shore or salty areas, full weathering steel pontoons are also available as optional. For those applications require extra anti-corrosion, Sinoway offer pontoons with marine grade ship plate steel.

>> Reliable structure for durability and easy maintenance



Three-Chains

Each pontoon is with three independent compartments, hermetically sealed. Two or three chains on each pontoon. Dual-layer bottom plate structure ensure the pontoon for a much longer service life, marine coating is also available as optional.



>>Well Protected Hydraulics

The hydraulic traveling motors as well as the hydraulic hoses are well protected by the full sealed

container which minimize the possibility of damage these parts when working in swamp or water area.

>>Three-Piece Welding



The pontoons are now welded with three-piece steel sheet structure instead of normal four-piece, two bent steel plates are connected on the top, thus the eliminating of long welding seam makes the whole pontoon even durable and neater.

>>Wear-proof Steel Track Cleats



Heavy duty marsh buggy track chains are constructed with high strength tensile steel, the bushings and pins are stronger, each pontoon comes with two or three heavy duty track chains, track cleats are fixed on the chain pitch welded or bolted. The hardened track chain rollers run in pontoon channels with a strip of wear resistant steel.

The drive and idler sprockets are flame hardened to match the hardness of the track chain rollers.