



WETLAND
EQUIPMENT COMPANY

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5 Metric Ton Amphibious Excavator

Model #: 5E

Amphibious Undercarriage Weight:

14,000 pounds (6,350 kg)

Excavator Weight:

7,000 pounds (3,175 kg)

Gross Weight:

21,000 pounds (9525 kg)

Ground Pressure:

1.5 lbs. P.S.I (0.105 kg/cm²)

Assembled Dimensions:

21' 0" (6.4 m) Long

11' 11" (3.6 m) Wide

4' 8" (1.4 m) High

10' 0" (3.0 m) High with excavator

Pontoon construction: Each pontoon has 5 compartments 2 bulkheads providing 3 independent watertight compartments. The pontoon bottoms are reinforced for rough terrain operation. Recessed chains and pads help keep side movement and jumping tracks to a minimum also mud and debris to a minimum and away from pontoons.

Drive System: Hydraulic travel motors, brakes and gearboxes from excavator manufacturer are used. Pontoon tracks are driven independently. Final reduction is provided by chain and sprocket. Drive axles and sprockets use splined shafts and hubs. No Keyways are used.

Speed: up to 1.5 mph on hard dry surface & 0.5 mph in water (2.4 km/h dry land, 0.8 km/h water)

Gradeability: 100% grade

Drive Chain: Heavy Duty double crimped roller chain

Track Chain: Two strands of heavy-duty 3" (76.2 mm) pitch marsh buggy track chain per pontoon.

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Track Cleats: Specially designed 3" (76.2 mm) marine grade, extruded aluminum alloy cleats with 1 wear pad per cleat

Bearings: pontoons have bearings on all four corners. No Bushings are used

Pontoon Track Chain Adjustment: Track chain adjustments adjust for the full life of the chain without removal of track chain links or cleats. Minimum of 15 in (381mm) on front and rear of pontoon

Paint: Blasted SP10, Zinced, primed, Poly Color coat (customer color choice) Ply Clear top coat. Inside pontoon primed to prevent rust (Standard Pontoon color is Black)

Upgrade Options:

Catwalk: Down both sides of the excavator constructed of Steel bar grading. All designed to mount to the excavator body and bolted in place for easy removal.

Hand Rails: Removable hand rails designed to be mounted to the catwalks

Counterweight/fuel tank: Factory counterweight to be removed and replaced with a minimum 150-gallon (567.75 liters) combination fuel tank/counterweight. Tank duplicates pontoon color and paint process. Tank has its own shut-off and directional valves. Tank is attached to excavator, and transfer pumps not required

UHMW (Teflon) Cleats: 3" x 2" Black Teflon Cleats. UHMW has less debris buildup and bending. UHMW will not corrode in caustic environments

Additional Features:

- * Wider Overall for stability in water and safety of operator
- * Welded Construction for ease of transportation
- * Measurements are approximate pending upgraded options
- * All Our pontoons are built with patented features to reduce down time and improve productivity to keep machine working longer.
- * These Patents keep cost down for the equipment owner and he can pass the savings to his customer

The above measurements and weights contained in this specification can change at any time without notice and are approximate pending upgraded options and brand of excavator