



# WETLAND

## EQUIPMENT COMPANY

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## 15-17 Metric Ton Amphibious Excavator

**Model #:** 16E

**Amphibious Undercarriage Weight:**

27,500 pounds (12,473 kg)

**Excavator Weight:**

23,000 pounds (10,432 kg)

**Gross Weight:**

50,500 pounds (22,906 kg)

**Ground Pressure:**

1.50 lbs. P.S.I (0.105 kg/cm<sup>2</sup>)

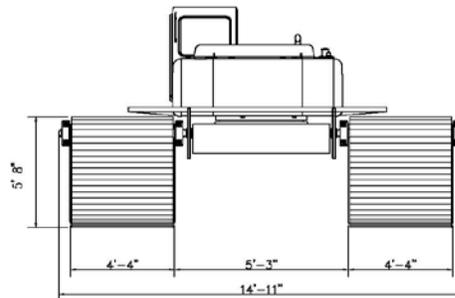
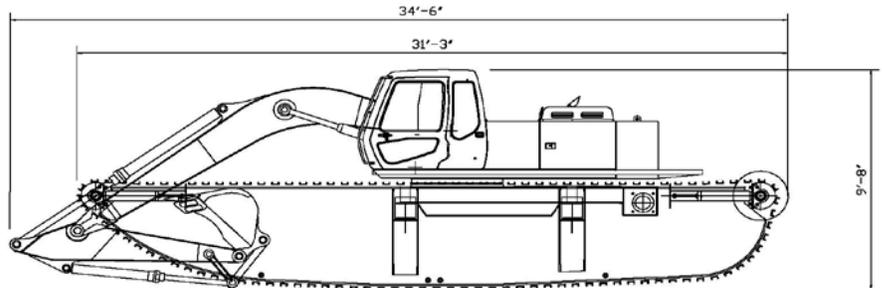
**Assembled Dimensions:**

31' 3" (9.5 m) Long

18' 0" (5.4 m) Wide

5' 8" (1.67m) High

12' 4" (3.83m) High with excavator



**Pontoon construction:** Multiple grades of steel are used in production of our pontoons. We design for strength, abrasion, and weight where needed. Some of the steel grades we use are (A36, A572, AR 400-550). Each pontoon has 8 compartments 3 bulkheads providing 4 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 (all watertight) provide the tracking power and are specifically designed by Wetland Equipment for operation in the most extreme conditions anywhere in the world. Pontoon tracks are driven independently of each other using conventional excavator controls. 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)

**Grade:** 100% (45°)

**Drive Chain:** Heavy Duty double crimped roller chain

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**Track Chain:** Three strands of heavy-duty 4" (101.6 mm) pitch marsh buggy track chain per pontoon.

**Track Cleats:** Specially designed 4" (101.6 mm) marine grade, extruded aluminum alloy cleats with 2 wear pads 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 18 in (457mm) 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 (Most Popular):**

**Cat Walk:** Down both sides of the excavator and around the counterweight fuel tank constructed of Steel bar grating. All designed to mount to the excavator body and bolted in place for easy removal.

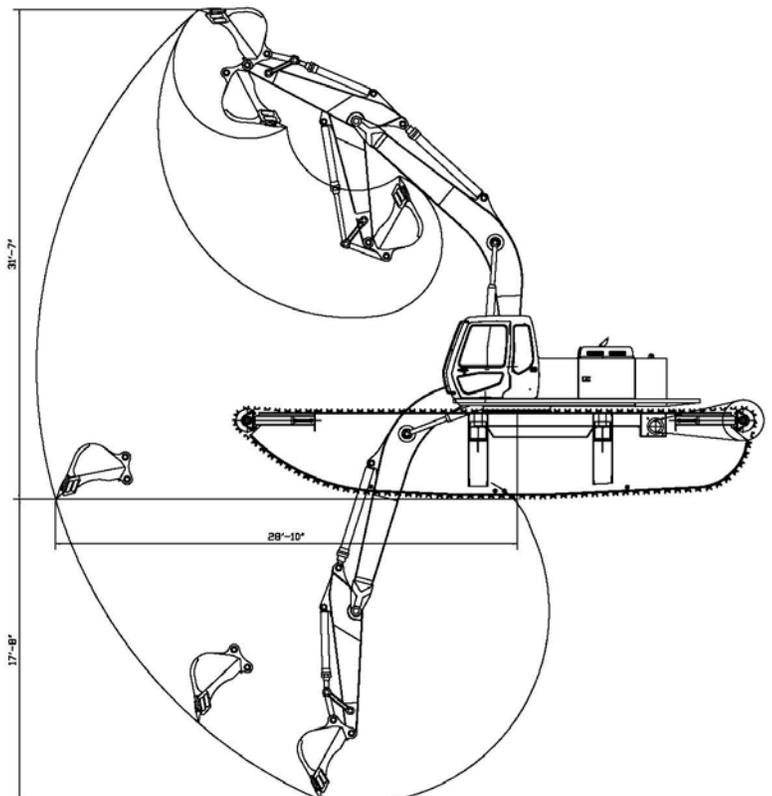
**Hand Rails:** Removable hand rails are designed to be mounted to the catwalks

**Counterweight/fuel tank:** Factory counterweight to be removed and replaced with a minimum 350-gallon (1,324.75 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
- \* Bolt together Assembly (NEVER Touch hydraulics)
- \* 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



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