

EZ HAULER 4100

(MINI-DIGGER DERRICK)

General Specifications

Engine: Yanmar Model 3TNV88, 3-Cylinder Water-Cooled 1640 cc Diesel 36 HP @3000 RPM

Hydraulic Pump: Fixed displacement gear type, 14 gallons (53 liters) per minute

Hydraulic track drive with skid steering

Hydraulically extended tracks

41 ft. (12.5 M) boom tip height

Full 360-degree continuous rotation

3800 lb. (1725 kg) Lifting capacity

Meets or Exceeds ANSI A92.2-2001, A10.31-1995, and SAE Requirement

Meets 46kv Category C dielectric qualifications

Dimensions

Length – Overall, length, including crane, is 13 ft. (3.95 M). Chassis length is 9'-10" (3.0 M). Length with outriggers fully extended is 16'-7" (5.0 M).

Width – Overall, width with tracks extended is 48" (132 cm). Width without tracks extended is 35.5" (90 cm). Width with outriggers fully extended is 11 ft. (3.35 M).

Height – Overall, height, including crane, is 7'-10" (2.40 M). Chassis height is 56" (142 cm). Height with outriggers fully extended is 92" (230 cm).

Other Features

2 speed drive controls

2500psi crane system pressure/2750psi drive system pressure.

Hydraulic tool circuits (upper/lower) 2000psi reversible flow up to 8gpm.

Pin on bucket with 300 lb. (135 kg.) capacity - 44 ft. (13.4 M) working height

Crawler Tracks – Rubber 12" (30 cm) wide. Seven idler wheels each side.

Crawler Drive Motors – Integrated orbit hydraulic motor with single stage planetary drive gear.

Transport Bed – 49" L x 35.5" W (124 cm L x 90 cm W). Capacity: 3000 lbs. (1135 kg.)

Controls: Wireless Radio Remote: Frequency 24 GHz.

Main Boom: 80 degree above to -10 degree below horizontal hydraulic boom elevation.

Extensions: Three hydraulically operated steel sections and one manually extended fiberglass section. With hydraulic pole guide

Manual extension fiberglass boom, 69" (175 cm) long.

Planetary Gear Winch rated 4000 lbs. (1820 kg.) line pull.

Winch line, equipped with ½" 100ft. (12 mm) polyester rope

Rotation: Turntable roller bearing with self-locking worm gear drive.

Hydraulic tool circuit at crane turret base.

Auger: stored on side of boom with latching mechanism for transport.

Auger Drive: Sealed planetary gear reduction - 2326 ft/lbs. (3140 N-M) torque

Auger Bit: 18" (46 cm) diameter standard with 2" hex output shaft

Auger Extensions with screw anchor adapter for 12 ft. (3.65 M) maximum overall depth

60" (152 cm) fixed length and 60" (152 cm) variable length.