

Shuttle Lift Carrydeck 3330 Specifications

Model	CASE 188 (Gasoline)	CASE 188 (DIESEL)
Type	4 Cylinders, 4 cycle	4 cylinder, 4 cycle
Horsepower	59 (44kw)	57 (43kw)
Governed RPM	2200	2200
High Idle	2400	2380-2420
Low Idle	575-675	575-675

Drive Train

Forward-Reverse Unit and 3 speed transmission, hydraulic torque converter.

Axis

Front drive Axle, rear steering axle. NoSPIN differential optional for front drive axle.

Tires

8.25 x 15, 14 ply rated, pneumatic.....100 PSI (690 kPa)
 9.00 x 15, 12 ply rated, pneumatic.....100 PSI (690 kPa)
 9.00 x 15, solid Bearcat
 10.00 x 15, 12 ply rated, pneumatic.....100 PSI (690 kPa)
 10.25 x 15, 14 ply rated, pneumatic.....100 PSI (690 kPa)

Brakes

Foot.....Fully hydraulic, drum brakes on front wheels
 disc brakes on rear wheels.

Hand.....Mechanical brake on transmission
 output shaft for parking

Outriggers

Two stage, hydraulically operated, electrically controlled, front and rear. Independent control of left and right set. Load check valves on jack cylinders.

BOOM – (Standard Height Units)

Standard: 20 ft. (6.1 m) boom, telescopic, three sections
 Optional: 27 ft. 1 in. (8.2 m) boom, four sections
 8 ft. (2.4 m) jib, A-frame

BOOM – (Low Profile Units)

Standard: 20 ft. (6.1 m) boom, telescopic, three sections
 Optional : 8 ft. (2.4 m) or 12 ft. (3.6 m) jib

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Specifications

Main Winch

Boom mount. Hydraulic drive with worm gear reduction. 9.67 (246 mm) diameter drum.

Wire Rope: 7/16 in. (11 mm) diameter 6x 37 EIPS-IWRC x 124ft. (37.8 m)

7/16 in. (11 mm) diameter 19 x 7 EIPS-IWRC Non-Spin x 124 ft. (37.8 m)

Optional –Low Profile Units Only*

***NOTE: Use 19 x 7 EIPS-IWRC Non-Spin wire rope for single part line only.**

IWRC (Improve Wire Rope Core)

IPS (Improve Plow Steel)

EIPS (Extra Improved Plow Steel)

Auxiliary Winch (Optional)

Location-Under deck, front of machine. Manual clutch. 4 in. (102 mm.) diameter drum.

3/8 in.

(10 mm) diameter wire rope x 100 ft. (30.48m) long. Maximum line pull 4000 lbs.

(2270 kg). Line

Speed 120 feet per minute (36 m/min).

Electrical System

Type.....12 volt, direct current, negative ground

Alternator.....55 amp

Battery.....400 CCA at 0° F (-18° C) for 30 sec

Hydraulic System

Main Pump.....Gear with two sections

Location- front of engine

Steering Pump.....Gear drive, left side of engine

Main Valves.....Location-Under deck, next to fuel tank

One single spool valve, One 3-Spool valve. Extra spool available for optional attachments

Main Relief.....**Set at 2500 PSI (17 230 kPa)**

Filter.....10 micron element in line, 30 mesh diffuser inside tank