

## AD150C Foundation Drill

**A**tlantic's sturdy and versatile AD150C Caisson Drill can bore to a depth of 80 feet with its continuous duty, 96-inch auger. The AD150C is engineered for maximum durability. All critical stress points in the derrick structure feature square tubing legs for high-strength. Nylon pads, rather than roller bearings, are utilized on the sliding guides and kelly head for minimal wear and easy change-outs. The heavy-duty turntable rotates 360 degrees and has a slide travel of 48 inches. Dual swing hydraulic motors power the turntable gears with planetary reduction, and braking is automatic. The undercarriage telescopes from 12 to 14.7 feet wide with 3-bar semi-grouser shoes for lower ground pressure for greater stability.



### FEATURES

- ◆ Electric over hydraulic, user-friendly joystick controls
- ◆ 104,763 lbs working weight
- ◆ Rotary torque of 113,000 ft lbs @ 12 rpm
- ◆ 5 Rotary speeds adjustable from 0 to 105 rpm
- ◆ Mast adjustable 5 degrees side-to-side with 360 degree swing
- ◆ Dual swing hydraulic turntable motors with automatic brakes

**Atlantic Drill & Equipment Company, Inc.**

P. O. Box 488 - 273 Lakeview Drive, Woodstock, Virginia 22664

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[www.AtlanticDrill.com](http://www.AtlanticDrill.com)

## ADI50C Foundation Drill

### SPECIFICATIONS

#### Engine

Manufacturer	John Deere
Type	PowerTech 8.1 L
Horse Power	300

#### Undercarriage

Width Over Crawlers	12 ft retracted 14 ft , 7 in extended
Length of Crawlers	18 ft, 11 in
Width of Track Pads	36 in
Table Slide	48 in

#### Mast Inclination

Left	5 deg
Right	5 deg
Aft	5 deg

#### Working Weight

Power Section	104,763 lbs
Derrick	80,280 24,483

#### Service Winch

Pulling Force	18,000 lbs
Cable Diameter	1/2 in
Cable Length	150 ft

#### Inner Kelly

Pulling Force	30,000 lbs
Cable Length	185 ft
Cable Diameter	7/8 in

#### Outer Kelly

Pulling Force	66,000 lbs
Cable Length for Crowd	130 ft
Cable Length for Hoist	185 ft
Cable Diameter	3/4 in



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