

## CAISSON DRILL

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.

## ADI50C Foundation Drill



### **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 Toll Free: 866-459-5309/ Tel: 540-459-5309/ Fax: 540-459-3071



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### **S**PECIFICATIONS

**Engine** 

Manufacturer John Deere PowerTech 8.1 L Type 300

Horse Power

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 dea Right 5 deg Aft 5 deg

**Working Weight** 104,763 lbs Power Section 80.280 Derrick 24,483

Service Winch

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

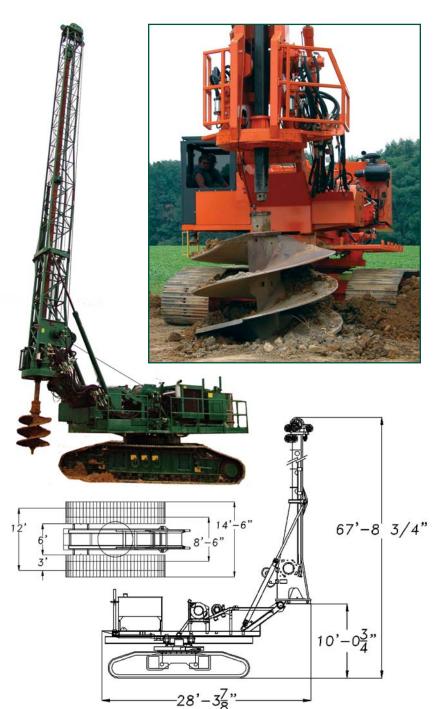
**Inner Kelly** 

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

**Outer Kelly** 

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

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