



# LD RHINORIG

By Fabritek Company



## Overview

The LD Rhino Rig is an affordable water well drilling rig that combines the proven drilling technology of cable tool drilling with today's reliable hydraulic drive technology. What is produced is a rig designed for drilling in all types of geology, specifically in developing countries. This rig can drill through both rock and unconsolidated formations to a depth in excess of 400 feet (137 meters). A typical well of approximately 150 feet (50 meters) requires only about 20 gallons (75 liters) of gasoline and can be completed in one week. Operation of the rig requires little training and can be set up and operated by one person.



## Specifications

**Weight (less stem & tool):** 6,500 lbs (2950 kg)

**Trailer Weight Capacity:** 15,000 lbs (6800 kg)

**Trailer Brakes:** 4 wheel hydraulic

**Mast Height:** 29 ft (8.8 m) usable

**Sandline Cable:** 500 ft (152.4 m); 3/8 in. (1 cm) diameter

**Mainline Cable:** 500 ft (152.4 m); 5/8 in. (1.6 cm) diameter (adjustable auto-feed for mainline)

**Engine:** 21 horsepower gasoline Honda electric start

18 amp charger

**Welder (optional):** 150 amp arc welder

**Hydraulic Oil Tank:** 20 gal (75 L) capacity

**Stroke:** 22 in. (56 cm) stroke, 58 strokes/min

**Water:** 40 gal (151 L) water storage with pressure pump

**Fuel:** 24 gal (90 L) fuel tank; approximately 12 hrs of continuous operation

**3 Square Jacks:** Each rated at 25,000 lbs (11,400 kg)

**4 Spool Hydraulic Control:** Mast, Sandline, Mainline, Walking Beam

**Feed:** Adjustable auto feed for mainline





## Advantages

---

- One person operation
- Can be setup and drilling in under 30 minutes
- Drills through rock easily at rates of 1 – 3.3 ft/hr (0.3 – 1 m/hr)
- Mobile enough to reach remote areas
- No mud pump, air compressor or water truck required
- Drills unconsolidated formations at a rate of about 3.3 – 9.8 ft/hr (1 – 3 m/hr)
- Accommodates bit sizes of 3.75 in. (9.5 cm) to 10 inch (25.4 cm)
- Powder coat finish for long lasting durability
- 30 ft (9.1 m) mast, easy casing and pump install
- Remove casing confidently with 20,000 lb (9,100 kg) lift capability
- Spare parts available worldwide



## Pricing & Shipping

---

Financing Options

**Dimensions:** 9.3 x 7.6 x 7 ft (2.82 x 2.31 x 2.13 m)

**Weight:** 6,500 lbs (2950 kg)

**Note:** Ships two rigs in a standard 40 ft (12.2 m) shipping container

## Awards

---

At the World Water Day event on March 21, 2014, The US State Department recognized the LDT 360 as an exemplary water technology for developing countries.



**Contact us to see if  
the LD Rhino Rig  
is right for you!**

**Rhino-Rig.com  
540-869-1150  
Sales@fabritek.com**