



OVERVIEW

The LDT 360 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 electric
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: 20 gal (75 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

LDT 360

By Winchester Tool



ADVANTAGES

- ▶ One man operation
- ▶ Can be setup in 10 minutes
- ▶ Drills through rock easily at rates of 1 – 3.3 ft/hr (0.3 – 1 m/hr)
- ▶ Mobile enough to reach deep rural areas
- ▶ More efficient, no mud pump/air compressor required
- ▶ Drills unconsolidated formations at a rate of about 3.3 – 9.8 ft/hr (1 – 3 m/hr)
- ▶ Accommodates bit sizes of 9.8 in. (25 cm) or larger
- ▶ 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

PRICING & SHIPPING

Price: \$92,000

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

AWARD

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 LDT 360
is right for you!

Phone: +1 (425) 444-6084
www.lifewaterdrillingtechnology.com