

**LōDril®** TR | LAD  
DH | TRt



**TR50** Our TR series is designed for high performance and reliability across a wide variety of jobs, and the TR50 is no exception. From standard foundation drilling, to drilling in rock or beneath power lines — no matter where you find yourself, the TR50 is up to the task with its high rotary torque (50,000 ft-lbs) and far-reaching hole depth (90 feet). 100% hydraulic, with a fully integrated Kelly winch, and three different mounted solutions available (truck, track, or excavator), the TR50 gives you freedom to choose how you approach any job.



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# TR50

## TR50 Specs

Rotary Torque (max)	50,000 ft-lbs   70 kN-m
Kelly Winch Line Pull (first layer, max)	25,000 lbs   111 kN
Hole Diameter (max, recommended) <sup>1</sup>	96 in   2,400 mm
Hole Diameter (min) <sup>2</sup>	18 in   450 mm
Drill Speed Range (LHS) <sup>3</sup>	40/80/140 RPM
Crowd Stroke	72 in   1,800 mm 96 in   2,400 mm 168 in   4,300 mm 140 in   3,600 mm
Hole Depth (max) <sup>2</sup>	80 ft   24 m
Attachment Height <sup>2</sup>	12-20 ft   4-6 m
Excavator Weight Class (x 1,000) <sup>3</sup>	40-65 lbs   18-30 kg
Square Kelly Bars Includes	Dewatering holes, locking pins & chains
Kelly Elements - Square (max)	6
Round Locking Kelly Bars Includes	Dewatering holes & retention chains
Kelly Elements - RLK (max)	5

1 - Dependent on ground conditions, tooling and operation

2 - Dependent on configuration

3 - Excavator modifications may be required or anticipated

## TR SERIES Possibilities:

- Kelly bars round locking, square friction or both.
- High capacity on the kelly winch, improving productivity and faster cycle time.
- Boom modification and removable counterweight for reach, access plus stability.
- Single and multi-layer winch capabilities.
- Reaction jack for maximizing effective crowd force while maintaining compact footprint.
- The list goes on...

**Need more solutions?  
We'll custom engineer  
the right rig for you.**

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