

# LAD250

| LAD SERIES SPECIFICATIONS | Units | LAD250 |
|---|---|---|
| **Rotary Torque (max)** | ft-lb<br>kN-m | 27,000<br>40 |
| **Kelly Winch Line Pull** | lbs<br>kN | 15,000<br>67 |
| **Hole Diameter (max, recommended)** | in<br>mm | 54<br>1,370 |
| **Drill Speed Range** | RPM | 0-60/100 |
| **Crowd Stroke** | in<br>mm | 20 28<br>800 900 |
| **Hole Depth (max)** | ft<br>m | 50<br>15 |
| **Attachment Height** | ft<br>m | 10-11<br>3-3.4 |
| **Kelly Elements - Square (max)** | qty | 8 |
| **Kelly Elements - RLK (max)** | qty | 8 |

*Specifications shown are based on standard configuration. Performance, capacities, and achievable depths may vary depending on ground conditions, tooling, operation, and machine configuration. Deeper depths and additional capabilities are available with optional upgrades. Excavator modifications may be required. Contact your Bay Shore Systems representative for details.*

The LAD250 brings more drilling capacity to the same limited-access jobs the LAD line was built around. With up to **27,000 ft-lb of torque**, it drills up to **54-inch diameter holes** and **depths to 50 feet**.

Mounted on an excavator with a slim frame and attachment height down to 9.5 feet, it works well inside buildings, around foundations, beneath power lines, and anywhere a larger rig just isn't practical.













# TIGHT ACCESS. NO PROBLEM.

- **Winch:** Match the kelly winch to the drilling depth and kelly configuration, with available single-layer line pull up to 15,000 lbs.
- **Kelly Bars:** Select from round-locking or square friction kelly bars in configurations designed around the required drilling depth and ground conditions.
- **Carrier:** Bay Shore Systems can build on nearly any major manufacturer's platform. New from the dealer or one from your fleet, we'll configure the rig around the carrier and the work it needs to do.
- **Boom & Counterweight Setups:** Multiple configurations to match reach, access, and stability.
- **Down-Hole Camera:** Real-time visibility into downhole conditions, casing advancement, and hole stability.
- **People Detection System:** AI-assisted camera coverage with configurable safe zones to reduce blind spots around the rig.
- **Overhead Powerline Detection:** Safety system used to detect proximity to energized high-voltage power lines.
- **Return to Level:** Leveling to within 0.5 degrees for faster and more precise rig setup.
- **Variable Crowd:** Allows operators to dial in and maintain the optimal downforce in hard rock, ensuring a steady penetration rate while preventing tool stalling or glazing.

BAY SHORE® SYSTEMS, INC.

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