



# Solar Drilling Rig Cost in Jordan 2024: Price List, Quotation & ROI Buying Guide

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If you're planning water well or geothermal projects in Jordan, solar drilling rig cost is likely your top concern. With diesel prices soaring to 1.05 JOD/liter (1.48 USD) in 2024, over 67% of Jordanian contractors now consider switching to solar-powered alternatives. Let's break down what you'll pay - and how to maximize ROI.

### Current Solar Drilling Rig Prices in Jordan

Basic 50HP solar-hybrid models from China start at 38,000 JOD (?53,500 USD), while heavy-duty 150HP rigs reach 110,000 JOD (?155,000 USD). These prices include:

- Solar panels & battery storage system
- Hybrid diesel-electric power module
- 3-month onsite training

### Why Prices Vary 300% Between Suppliers?

In a 2023 case study, a Ma'an infrastructure project paid 27% less by choosing Egyptian-assembled rigs with German solar tech (79,000 JOD) over fully imported options. Key cost drivers:

- Power capacity (80-200HP)
- Depth capability (150m vs. 450m wells)
- Local vs. international after-sales support

### Jordan's Solar Incentives Cut Your Costs 40%

The Renewable Energy Law (Article 15) offers:

- 15% VAT exemption on solar equipment
- 0% customs duty for hybrid drilling systems
- 2.8-3.5 JOD/Watt subsidy through Jordan Renewable Energy Fund

Ammartrade LLC recently saved 89,000 JOD over 5 years by combining these subsidies with a price-per-kWh solar leasing model. Their 100HP rig now operates at 0.18 JOD/kWh vs. 0.31 JOD for diesel.

### Getting Accurate Quotations: 3 Must-Ask Questions

When requesting solar drilling rig price quotes in Jordan:



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"Does your JOD pricing include Aqaba port clearance?"

"What's the breakdown between hardware vs. software costs?"

"Can you provide Tafila/Mafraq installation case references?"

## 2024 Supplier Landscape: China vs. Local Options

Chinese manufacturers like Sany and XCMG dominate 74% of Jordan's market share, but local assemblers are gaining ground:

Price comparison:

Imported 100HP rig: 62,000-68,000 JOD

Locally assembled (Chinese parts): 54,000-58,000 JOD

German-engineered (EU suppliers): 121,000+ JOD

The Jordan Renewable Energy Project (JREP) reports 92% client satisfaction with locally retrofitted solar rigs since 2022. With 60+ suppliers now active in Amman and Zarqa, negotiation leverage has shifted toward buyers.

## Maintenance Costs: The Hidden Price Factor

Solar drilling rigs require 30% less maintenance than diesel models, but parts availability impacts long-term costs. Opt for suppliers with:

Arabic/English bilingual technical support

Local parts warehouses (Madaba has 3 major hubs)

5-year performance guarantees

Al-Balqa Drilling reduced downtime costs 79% by choosing a supplier with same-day parts delivery in Salt. Their price per drilled meter dropped from 18.7 JOD to 6.9 JOD after solar conversion.

## Next Steps for Jordanian Buyers

Before finalizing your solar drilling rig purchase, compare at least 3 certified suppliers through the Jordan Chamber of Industry. Most offer free ROI calculators - a contractor in Irbid recently discovered they'd break even in 2.3 years instead of the estimated 4 years using solar. Ready to get exact pricing? Request quotes specifying your required depth, terrain type, and preferred payment terms.

Web: <https://www.wedateka.edu.pl>



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