



Solar Drilling Rig Rental Cost per Month in Turkey 2025: Price List, Quotation & Supplier Deals

Solar Drilling Rig Rental Cost per Month in Turkey 2025: Price List, Quotation & Supplier Deals

Why Turkish Contractors Are Switching to Solar Drilling Rigs

Turkey's construction boom meets a harsh reality: traditional diesel rigs now burn 30% more fuel due to rising oil prices. Contractors in Izmir and Ankara report drilling costs jumping from \$18,000 to \$23,500 monthly per rig. But there's a twist - the Turkish government now offers 15% tax rebates for solar-powered equipment rentals under its 2025 Green Infrastructure Initiative.

The Hidden Costs of Conventional Rigs

Mehmet Yilmaz, a Gaziantep-based contractor, learned this the hard way. His diesel rig consumed 160 liters/day at TL28/liter (\$0.93), totaling ₺4.3 million (\$143,000) annually. Then came the noise pollution fines - TL500,000 (\$16,600) in 2024 alone. "We needed a solution yesterday," he says.

Solar Drilling Rig Rental Savings Breakdown

Here's why solar drilling rig rentals dominate Turkey's market:

- Monthly rental cost: TL1.2-1.8 million (\$40,000-\$60,000) vs. diesel's TL2.4 million+
- 0 fuel costs - solar panels generate 18-22 kWh daily
- 30% faster ROI through government incentives

Major suppliers like Enertek Solar report 83% rental demand increase since March 2024. Their flagship SDX-7 model cuts drilling time by 40% using AI-powered solar tracking.

How to Get the Best Rental Deal

Top Ankara supplier Gursel Makina offers tiered pricing:

- Short-term (1-3 months): TL1.85 million/month
- 6-month contract: TL1.62 million/month
- Annual lease: TL1.44 million/month + free maintenance

Pro tip: Ask about Turkey's Renewable Energy Equipment Import Program. Many suppliers discount rentals by 12-18% if you commit to solar-only projects.

Case Study: Solar vs Diesel in Istanbul

Aksa Construction compared costs for their 8-month subway project:

Diesel rig:

Total cost: TL19.2 million (\$640,000)



Solar Drilling Rig Rental Cost per Month in Turkey 2025: Price List, Quotation & Supplier Deals

Carbon emissions: 48 tons

Solar rig rental:

Total cost: TL11.52 million (\$384,000)

Emissions: 0 tons

Tax savings: TL1.728 million (\$57,600)

"The TL9.4 million (\$313,000) savings let us bid lower on 3 new tenders," says project head Elif Demir.

Where to Find Reliable Suppliers

Turkey's solar drilling market has two key players:

1. EkoDrill Turkey (Izmir): Specializes in 300m-depth rigs with battery backups. Current promotion: Free transport within Aegean Region.
2. Gunes Enerjili Makina (Ankara): Offers hybrid solar-diesel models. Their GRM-220 model works 18hrs/day on pure solar.

Global manufacturers like China's SunPower Drill also entered Turkey last quarter, offering TL1.1 million/month (

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