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Global Engine-Driven Welders Supply, Demand and Key Producers, 2026-2032

https://marketpublishers.com/r/G46EE70A6703EN.html
Date: January 2026
Pages: 117
Price: US$ 4,480.00 (Single User License)
ID: G46EE70A6703EN

Abstracts

The global Engine-Driven Welders market size is expected to reach $ 825 million by 2032, rising at a market growth of 4.1% CAGR during the forecast period (2026-2032).

Engine Driven Welders incorporate a gasoline, diesel, or propane fueled engine coupled to an electrical generator to produce power for Stick, TIG, MIG and Flux-Cored welding. Engine driven welders are typically transported on a truck or trailer and are primarily used outdoors. The electricity generated by an engine driven welder powers fans, pumps, air compressors or other electrical tools commonly found on jobsites. During power outages, an engine driven welder can also be used as a backup generator.

In 2024, global Engine-Driven Welders production reached approximately 108,000 units, with an average global market price of around US$ 5,500 per unit.

Global Engine-Driven Welders key players include Lincoln Electric, Miller, Denyo, ESAB, etc. Global top four manufacturers hold a share about 55%. Asia-Pacific is the largest market, with a share over 30%, followed by Europe, and North America, both have a share nearly 55 percent. In terms of product, Gasoline Engine is the largest segment, with a share over 50%. And in terms of application, the largest application is Infrastructure, followed by Oil and Gas, Pipeline, Power Generation, etc.

The engine driven welders market demonstrates strong global growth potential, as these self-contained welding machines—powered by gasoline, diesel, or LPG engines—are indispensable in remote, off-grid, and outdoor environments where access to stable electricity is limited, making them essential for industries such as construction, pipelines, oil & gas, mining, shipbuilding, agriculture, railways, and emergency repair operations, where mobility, reliability, and multi-process capabilities (stick, MIG, TIG,

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flux-cored, and gouging) are critical for on-site productivity; rising infrastructure development, urbanization, and industrial expansion in emerging economies across Asia-Pacific, Africa, and Latin America are fueling demand for versatile welding solutions to support bridges, highways, power plants, and large-scale industrial projects, while mature markets in North America and Europe continue to drive adoption through replacement demand, fleet upgrades, and compliance with stricter emission standards; the growing oil & gas pipeline construction and maintenance sector, along with renewable energy projects such as wind and solar farms, further reinforces demand for rugged, fuel-efficient, and high-duty cycle engine driven welders; technological innovations such as hybrid power systems, digital controls, remote monitoring, noise reduction, and enhanced fuel efficiency are improving usability, safety, and environmental performance, making these machines more attractive to contractors and operators; aftermarket opportunities, including regular servicing, engine maintenance, spare parts, and consumables, ensure recurring revenue streams and strengthen OEM–customer relationships; although challenges such as high fuel costs, environmental concerns, and competition from inverter-based portable welders exist, the unique advantage of engine driven welders in providing both welding and auxiliary AC power for tools and lighting makes them a dual-purpose solution that enhances operational flexibility; collectively, the combination of infrastructure growth, energy sector expansion, remote project requirements, and technological advancement positions the engine driven welders market for sustained global expansion and long-term relevance.

This report studies the global Engine-Driven Welders production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Engine-Driven Welders and provides market size (US$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Engine-Driven Welders that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Engine-Driven Welders total production and demand, 2021-2032, (Units)
Global Engine-Driven Welders total production value, 2021-2032, (USD Million)
Global Engine-Driven Welders production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Units), (based on production site)
Global Engine-Driven Welders consumption by region & country, CAGR, 2021-2032 & (Units)

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U.S. VS China: Engine-Driven Welders domestic production, consumption, key domestic manufacturers and share
Global Engine-Driven Welders production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Units)
Global Engine-Driven Welders production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Units)
Global Engine-Driven Welders production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Units)

This report profiles key players in the global Engine-Driven Welders market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Lincoln Electric, Miller, ESAB, Denyo, Shindaiwa, MOSA, Telwin, Genset, Inmesol, Green Power, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Engine-Driven Welders market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US$ Millions), volume (production, consumption) & (Units) and average price (US$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Engine-Driven Welders Market, By Region:

United States

China

Europe

Japan

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South Korea

ASEAN

India

Rest of World

Global Engine-Driven Welders Market, Segmentation by Type:

Gasoline Engine

Diesel Engine

LPG Fueled Engine

Global Engine-Driven Welders Market, Segmentation by Application:

Infrastructure

Oil and Gas

Power Generation

Refinery

Construction

Pipeline

Mining

Maintenance

Others

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Companies Profiled:

Lincoln Electric

Miller

ESAB

Denyo

Shindaiwa

MOSA

Telwin

Genset

Inmesol

Green Power

KOVO

Xionggu

DENOH

Key Questions Answered:

1. How big is the global Engine-Driven Welders market?
2. What is the demand of the global Engine-Driven Welders market?
3. What is the year over year growth of the global Engine-Driven Welders market?
4. What is the production and production value of the global Engine-Driven Welders market?
5. Who are the key producers in the global Engine-Driven Welders market?
6. What are the growth factors driving the market demand?

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