

# Global Nuclear/Radiation Handling Robots Market Growth 2026-2032

<https://marketpublishers.com/r/GC5601CDF8AEEN.html>

Date: May 2026

Pages: 111

Price: US\$ 3,660.00 (Single User License)

ID: GC5601CDF8AEEN

## Abstracts

The global Nuclear/Radiation Handling Robots market size is predicted to grow from US\$ 2140 million in 2025 to US\$ 4877 million in 2032; it is expected to grow at a CAGR of 12.6% from 2026 to 2032.

In 2025, global Nuclear / Radiation Handling Robots production reached approximately 44 K units, with an average global market price of around US\$ 50,000 per unit. Annual production capacity is 50 K units. Gross Profit Margin: 39%. Nuclear / Radiation Handling Robots are specialized robotic systems designed to operate in environments with hazardous levels of ionizing radiation?such as nuclear power plants, spent fuel facilities, radioactive waste sites, and decommissioning zones?where direct human intervention is unsafe or impossible. The industry chain of Nuclear / Radiation Handling Robots includes upstream suppliers of radiation-hardened components (sensors, actuators, control systems), midstream OEMs and integrators that design and assemble robotic systems, and downstream users such as nuclear plants and decommissioning operators deploying them for inspection, handling, and maintenance.

United States market for Nuclear/Radiation Handling Robots is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for Nuclear/Radiation Handling Robots is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for Nuclear/Radiation Handling Robots is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key Nuclear/Radiation Handling Robots players cover Westinghouse Electric Company (Private, USA), Mitsubishi Heavy Industries (TYO: 7011, Japan), Framatome (Subsidiary of EDF, France), Hitachi (TYO: 6501, Japan), KUKA AG (ETR: KU2, Germany), etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

LP Information, Inc. (LPI) ' newest research report, the ?Nuclear/Radiation Handling Robots Industry Forecast? looks at past sales and reviews total world Nuclear/Radiation Handling Robots sales in 2025, providing a comprehensive analysis by region and market sector of projected Nuclear/Radiation Handling Robots sales for 2026 through 2032. With Nuclear/Radiation Handling Robots sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Nuclear/Radiation Handling Robots industry.

This Insight Report provides a comprehensive analysis of the global Nuclear/Radiation Handling Robots landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Nuclear/Radiation Handling Robots portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms? unique position in an accelerating global Nuclear/Radiation Handling Robots market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Nuclear/Radiation Handling Robots and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Nuclear/Radiation Handling Robots.

This report presents a comprehensive overview, market shares, and growth opportunities of Nuclear/Radiation Handling Robots market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Wheeled Robots

Tracked Robots

Rail-mounted Systems

Stationary Manipulator Arms

Segmentation By Control Mode:

Fully Teleoperated Systems

Semi-autonomous Systems

AI-assisted Remote Operation

Segmentation By Payload Capacity:

Light-duty (

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