

Degaussing System Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 - 2034

<https://marketpublishers.com/r/D7268177FB1FEN.html>

Date: January 2025

Pages: 210

Price: US\$ 4,850.00 (Single User License)

ID: D7268177FB1FEN

Abstracts

The Global Degaussing System Market reached USD 782.4 million in 2024 and is expected to grow at a steady CAGR of 4.1% from 2025 to 2034. This growth is largely driven by the increasing need to modernize naval fleets and address advanced underwater threats, such as magnetic influence mines. As geopolitical tensions rise and the focus on maritime security intensifies, navies around the world are making significant investments in advanced stealth technologies. The demand for degaussing systems is also fueled by the growing need for enhanced defense capabilities in a rapidly changing global environment. Additionally, advancements in magnetic treatment methods and the integration of automated calibration systems are significantly improving the operational efficiency and reliability of degaussing solutions, making them an indispensable part of modern naval defense strategies.

The degaussing system market is divided into three vessel categories: small, medium, and large vessels. The medium vessel segment accounted for a significant 50% share in 2024 and is anticipated to experience strong growth in the coming years. Medium-sized vessels are increasingly adopting modular degaussing systems due to their flexibility in installation, ease of maintenance, and ability to support future operational upgrades. These vessels are also embracing hybrid propulsion systems to boost fuel efficiency while minimizing their environmental impact. The integration of these advanced technologies is expected to drive continued demand for degaussing solutions.

When it comes to solutions, the market is segmented into degaussing, deperming, and ranging systems. The ranging segment is poised for remarkable growth, expected to expand at a CAGR of 5.5% through 2034. Ranging systems, which utilize advanced sensors and analytical tools, offer significantly improved accuracy in detecting and

analyzing magnetic signatures. These systems are designed to monitor magnetic fields continuously, making them highly effective at identifying and mitigating potential underwater threats. Moreover, automated ranging solutions with remote monitoring capabilities are increasingly popular, providing naval defense networks with more efficient and reliable ways to enhance security.

North America degaussing system market is projected to generate USD 440 million in value by 2034. This growth is primarily driven by substantial investments in naval modernization, particularly in the United States. Efforts to improve the survivability of ships and submarines against underwater threats have led to an accelerated adoption of advanced, energy-efficient degaussing systems within the U.S. Navy. The increasing focus on national defense and security continues to fuel the demand for these technologies in the region.

Contents

CHAPTER 1 METHODOLOGY & SCOPE

- 1.1 Market scope & definitions
- 1.2 Base estimates & calculations
- 1.3 Forecast calculations
- 1.4 Data sources
 - 1.4.1 Primary
 - 1.4.2 Secondary
 - 1.4.2.1 Paid sources
 - 1.4.2.2 Public sources

CHAPTER 2 EXECUTIVE SUMMARY

- 2.1 Industry synopsis, 2021-2034

CHAPTER 3 INDUSTRY INSIGHTS

- 3.1 Industry ecosystem analysis
 - 3.1.1 Factor affecting the value chain
 - 3.1.2 Profit margin analysis
 - 3.1.3 Disruptions
 - 3.1.4 Future outlook
 - 3.1.5 Manufacturers
 - 3.1.6 Distributors
- 3.2 Supplier landscape
- 3.3 Profit margin analysis
- 3.4 Key news & initiatives
- 3.5 Regulatory landscape
- 3.6 Impact forces
 - 3.6.1 Growth drivers
 - 3.6.1.1 Increasing investments in upgrading and expanding naval fleets globally
 - 3.6.1.2 Rising maritime security concerns and regional conflicts
 - 3.6.1.3 Innovations in AI-driven automation, IoT integration, and modular designs
 - 3.6.1.4 Increased defense spending
 - 3.6.1.5 Rising demand for energy-efficient and environmentally friendly degaussing solutions
 - 3.6.2 Industry pitfalls & challenges

- 3.6.2.1 High initial costs
- 3.6.2.2 Complex calibration requirements
- 3.7 Growth potential analysis
- 3.8 Porter's analysis
- 3.9 PESTEL analysis

CHAPTER 4 COMPETITIVE LANDSCAPE, 2024

- 4.1 Introduction
- 4.2 Company market share analysis
- 4.3 Competitive positioning matrix
- 4.4 Strategic outlook matrix

CHAPTER 5 MARKET ESTIMATES & FORECAST, BY VESSEL TYPE, 2021-2034 (USD MILLION)

- 5.1 Key trends
- 5.2 Small vessel
 - 5.2.1 Offshore Patrol Vessel (OPV)
 - 5.2.2 Mine Counter Measure Vessel (MCMV) / Minesweeper
 - 5.2.3 FAC (Fast Attack Craft)
- 5.3 Medium vessel
 - 5.3.1 Submarines
 - 5.3.2 Corvettes
 - 5.3.3 Destroyers
- 5.4 Large vessel
 - 5.4.1 Frigates
 - 5.4.2 Aircraft carriers
 - 5.4.3 Amphibious vessels

CHAPTER 6 MARKET ESTIMATES & FORECAST, BY SOLUTION, 2021-2034 (USD MILLION)

- 6.1 Key trends
- 6.2 Ranging
 - 6.2.1 Fixed
 - 6.2.2 Onboard
 - 6.2.2.1 Transmitted data buoys
 - 6.2.2.2 Magnetometers

- 6.2.2.3 Monitors
- 6.2.2.4 Software
- 6.2.2.5 Coils
- 6.2.2.6 Aerial ranging devices
- 6.3 Degaussing
 - 6.3.1 Hardware
 - 6.3.1.1 Degaussing coil units
 - 6.3.1.2 Magnetometers
 - 6.3.1.3 Degaussing control units
 - 6.3.1.4 Bipolar amplifiers
 - 6.3.1.5 DG generators
 - 6.3.1.6 Conductors
 - 6.3.1.7 Course monitor units
 - 6.3.1.8 Compass compensating equipment
 - 6.3.2 Software
 - 6.3.3 Services
- 6.4 Deperming

CHAPTER 7 MARKET ESTIMATES & FORECAST, BY END USE, 2021-2034 (USD MILLION)

- 7.1 Key trends
- 7.2 Original Equipment Manufacturer (OEM)
- 7.3 Aftermarket
- 7.4 Services

CHAPTER 8 MARKET ESTIMATES & FORECAST, BY REGION, 2021-2034 (USD MILLION)

- 8.1 Key trends
- 8.2 North America
 - 8.2.1 U.S.
 - 8.2.2 Canada
- 8.3 Europe
 - 8.3.1 UK
 - 8.3.2 Germany
 - 8.3.3 France
 - 8.3.4 Italy
 - 8.3.5 Spain

8.3.6 Russia

8.4 Asia Pacific

8.4.1 China

8.4.2 India

8.4.3 Japan

8.4.4 South Korea

8.4.5 Australia

8.5 Latin America

8.5.1 Brazil

8.5.2 Mexico

8.6 MEA

8.6.1 South Africa

8.6.2 Saudi Arabia

8.6.3 UAE

CHAPTER 9 COMPANY PROFILES

9.1 American Superconductor (AMSC)

9.2 DA Group

9.3 Dayatech Merin

9.4 ECA Group

9.5 IFEN SpA

9.6 L3Harris

9.7 Larsen and Toubro

9.8 Polyamp AB

9.9 STL Systems

9.10 Ultra Electronics

9.11 Wartsila

I would like to order

Product name: Degaussing System Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 - 2034

Product link: <https://marketpublishers.com/r/D7268177FB1FEN.html>

Price: US\$ 4,850.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/D7268177FB1FEN.html>