

# **Global Robotic Refueling System Market Size study, by Fuel Pumped (Gasoline, Natural Gas, Petrochemicals, Other) by Payload-carrying Capacity (Up to 50 kg, 50.01-100.00 kg, 100.01-150.00 kg) by Vertical (Mining, Automobile, Oil & Gas, Aerospace, Military & Defence, Warehouse & logistics, Marine & Shipping, Construction, Others) and Regional Forecasts 2021-2027**

<https://marketpublishers.com/r/G7C0BF53DE6FEN.html>

Date: June 2021

Pages: 200

Price: US\$ 3,218.00 (Single User License)

ID: G7C0BF53DE6FEN

## **Abstracts**

Global Robotic Refueling System Market is valued approximately USD 37.50 billion in 2020 and is anticipated to grow with a healthy growth rate of more than 50.0% over the forecast period 2021-2027. Robotic refueling is an automatic refueling device that directs the injector into the truck's gasoline tank using high-end vision sensing and detecting technology. While in place, this approach greatly enhances the performance of the on-the-job project while also resolving cost, efficiency, and security concerns. Instead of the pricey video imaging technology utilized in previous designs, the advanced product releases across fuelling systems employ a laser scanner to establish the vehicle position. A less difficult and nozzle redesign mating method of the fuel port and the fuel nozzle can improve fuel dispensing by reducing the number of autonomous tasks that the robotic arm must undertake. There is no necessity for operator to be on-site to fill vehicles and man gasoline stations. This is the primary milestone in the development of the robotic fueling systems market throughout the forecast period. For instance, SCOTT Technologies purchased Tansbotics Corporation in 2018. SCOTT Technologies' takeover of the company has authorized it to create advanced robotic alternatives from the ground up utilizing Transbotics Corporation's assets. The need for low-cost operational activities as well as enhanced security and safety during fuel

proclamation is also boosting the global robotics refueling system market forward. However, strict legal and safety restrictions for the use of a robotic refueling system, as well as government regulations to assure data protection, will act as market restraints during the forecast timeframe. The replacement of hand - operated fuel caps with automated gasoline caps is the most major hindrance to the development of the robotic refueling system market. Also, the global robotic refueling system market is being driven by rapid globalization and industrial development. Mechanization, IoT, artificial intelligence, and highly developed robotics are expected to drive the growth of the worldwide robotics refueling equipment market.

Europe will monopolize the robotic refueling system market due to rising investment opportunities to enhance and expand highly developed fuel stations, and also an uptick in the level of automated vehicles and the expansion of key manufacturers in the country, while North America is projected to trigger significant growth during the forecast period resulting in an increase in capital investment for robotic refueling systems. During the projected timeline, Asia Pacific is anticipated to grow at the fastest CAGR. Rapid technological changes and steadily increasing automated test adaptation in the automotive sector are the primary factors driving overall growth in APAC.

Major market player included in this report are:

Scott Technology  
Fuelmatics AB  
Rotec Engineering B.V  
Neste Oyj  
Shaw development LLC  
PLUG POWER Inc.  
Aerobotix  
Airbus S.A.S  
The Boeing Company  
ABB Group

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key

players. The detailed segments and sub-segment of the market are explained below:

By Fuel Pumped:

Gasoline

Natural Gas

Petrochemicals

Other

By Payload-carrying Capacity:

Up to 50 kg

50.01-100.00 kg

100.01-150.00 kg

By Vertical:

Mining

Automobile

Oil & Gas

Aerospace

Military & Defense

Warehouse & Logistics

Marine & Shipping

Construction

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC  
Latin America  
Brazil  
Mexico  
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019  
Base year – 2020  
Forecast period – 2021 to 2027

Target Audience of the Global Robotic Refueling System Market in Market Study:

Key Consulting Companies & Advisors  
Large, medium-sized, and small enterprises  
Venture capitalists  
Value-Added Resellers (VARs)  
Third-party knowledge providers  
Investment bankers  
Investors

## Contents

### **CHAPTER 1. EXECUTIVE SUMMARY**

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2019-2027 (USD Billion)
  - 1.2.1. Robotic Refueling System Market, by Region, 2019-2027 (USD Billion)
  - 1.2.2. Robotic Refueling System Market, by Fuel Pumped, 2019-2027 (USD Billion)
  - 1.2.3. Robotic Refueling System Market, by Payload-carrying Capacity, 2019-2027 (USD Billion)
  - 1.2.4. Robotic Refueling System Market, by Vertical, 2019-2027 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

### **CHAPTER 2. GLOBAL ROBOTIC REFUELING SYSTEM MARKET DEFINITION AND SCOPE**

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
  - 2.2.1. Scope of the Study
  - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

### **CHAPTER 3. GLOBAL ROBOTIC REFUELING SYSTEM MARKET DYNAMICS**

- 3.1. Robotic Refueling System Market Impact Analysis (2019-2027)
  - 3.1.1. Market Drivers
    - 3.1.1.1. Decreased labour work
    - 3.1.1.2. Technological advancement
  - 3.1.2. Market Challenges
    - 3.1.2.1. Strict government norms
  - 3.1.3. Market Opportunities
    - 3.1.3.1. Rapid industrialization

### **CHAPTER 4. GLOBAL ROBOTIC REFUELING SYSTEM MARKET INDUSTRY ANALYSIS**

- 4.1. Porter's 5 Force Model
  - 4.1.1. Bargaining Power of Suppliers
  - 4.1.2. Bargaining Power of Buyers
  - 4.1.3. Threat of New Entrants
  - 4.1.4. Threat of Substitutes
  - 4.1.5. Competitive Rivalry
  - 4.1.6. Futuristic Approach to Porter's 5 Force Model (2018-2027)
- 4.2. PEST Analysis
  - 4.2.1. Political
  - 4.2.2. Economical
  - 4.2.3. Social
  - 4.2.4. Technological
- 4.3. Investment Adoption Model
- 4.4. Analyst Recommendation & Conclusion

## **CHAPTER 5. GLOBAL ROBOTIC REFUELING SYSTEM MARKET, BY FUEL PUMPED**

- 5.1. Market Snapshot
- 5.2. Global Robotic Refueling System Market by Fuel Pumped, Performance - Potential Analysis
- 5.3. Global Robotic Refueling System Market Estimates & Forecasts by Fuel Pumped 2018-2027 (USD Billion)
- 5.4. Robotic Refueling System Market, Sub Segment Analysis
  - 5.4.1. Gasoline
  - 5.4.2. Natural Gas
  - 5.4.3. Petrochemicals
  - 5.4.4. Others

## **CHAPTER 6. GLOBAL ROBOTIC REFUELING SYSTEM MARKET, BY PAYLOAD-CARRYING CAPACITY**

- 6.1. Market Snapshot
- 6.2. Global Robotic Refueling System Market by Payload-carrying Capacity, Performance - Potential Analysis
- 6.3. Global Robotic Refueling System Market Estimates & Forecasts by Payload-carrying Capacity 2018-2027 (USD Billion)
- 6.4. Robotic Refueling System Market, Sub Segment Analysis
  - 6.4.1. Up to 50kg

6.4.2. 50.01-100.00 kg

6.4.3. 100.01-150.00 kg

## **CHAPTER 7. GLOBAL ROBOTIC REFUELING SYSTEM MARKET, BY PAYLOAD-CARRYING CAPACITY**

7.1. Market Snapshot

7.2. Global Robotic Refueling System Market by Payload-carrying Capacity, Performance - Potential Analysis

7.3. Global Robotic Refueling System Market Estimates & Forecasts by Verticals 2018-2027 (USD Billion)

7.4. Robotic Refueling SystemMarket, Sub Segment Analysis

7.4.1. Mining

7.4.2. Automobile

7.4.3. Oil & Gas

7.4.4. Aerospace

7.4.5. Military & Defence

7.4.6. Warehouse & Logistics

7.4.7. Marine & Shipping

7.4.8. Construction

7.4.9. Others

## **CHAPTER 8. GLOBAL ROBOTIC REFUELING SYSTEMMARKET, REGIONAL ANALYSIS**

8.1. Robotic Refueling SystemMarket, Regional Market Snapshot

8.2. North America Robotic Refueling SystemMarket

8.2.1. U.S.Robotic Refueling SystemMarket

8.2.1.1. Fuel Pumped breakdown estimates & forecasts, 2018-2027

8.2.1.2. Payload-carrying Capacity breakdown estimates & forecasts, 2018-2027

8.2.1.3. Verticals breakdown estimates & forecasts, 2018-2027

8.2.2. CanadaRobotic Refueling System Market

8.3. Europe Robotic Refueling SystemMarket Snapshot

8.3.1. U.K. Robotic Refueling System Market

8.3.2. Germany Robotic Refueling System Market

8.3.3. France Robotic Refueling System Market

8.3.4. Spain Robotic Refueling System Market

8.3.5. Italy Robotic Refueling System Market

8.3.6. Rest of EuropeRobotic Refueling System Market

- 8.4. Asia-Pacific Robotic Refueling System Market Snapshot
  - 8.4.1. China Robotic Refueling System Market
  - 8.4.2. India Robotic Refueling System Market
  - 8.4.3. Japan Robotic Refueling System Market
  - 8.4.4. Australia Robotic Refueling System Market
  - 8.4.5. South Korea Robotic Refueling System Market
  - 8.4.6. Rest of Asia Pacific Robotic Refueling System Market
- 8.5. Latin America Robotic Refueling System Market Snapshot
  - 8.5.1. Brazil Robotic Refueling System Market
  - 8.5.2. Mexico Robotic Refueling System Market
- 8.6. Rest of The World Robotic Refueling System Market

## **CHAPTER 9. COMPETITIVE INTELLIGENCE**

- 9.1. Top Market Strategies
- 9.2. Company Profiles
  - 9.2.1. Scott Technology
    - 9.2.1.1. Key Information
    - 9.2.1.2. Overview
    - 9.2.1.3. Financial (Subject to Data Availability)
    - 9.2.1.4. Product Summary
    - 9.2.1.5. Recent Developments
  - 9.2.2. Fuelmatics AB
  - 9.2.3. Rotec Engineering B.V
  - 9.2.4. Neste Oyj
  - 9.2.5. Shawn development LLC
  - 9.2.6. PLUG POWER Inc.
  - 9.2.7. Aerobotix
  - 9.2.8. Airbus S.A.S
  - 9.2.9. The Boeing Company
  - 9.2.10. ABB Group

## **CHAPTER 10. RESEARCH PROCESS**

- 10.1. Research Process
  - 10.1.1. Data Mining
  - 10.1.2. Analysis
  - 10.1.3. Market Estimation
  - 10.1.4. Validation



- 10.1.5. Publishing
- 10.2. Research Attributes
- 10.3. Research Assumption

## List Of Tables

### LIST OF TABLES

- TABLE 1. Global Robotic Refueling System market, report scope
- TABLE 2. Global Robotic Refueling Systemmarket estimates & forecasts by Region 2018-2027 (USDBillion)
- TABLE 3. Global Robotic Refueling Systemmarket estimates & forecasts by Fuel Pumped2018-2027 (USDBillion)
- TABLE 4. Global Robotic Refueling Systemmarket estimates & forecasts by Payload-carrying Capacity2018-2027 (USDBillion)
- TABLE 5. Global Robotic Refueling Systemmarket estimates & forecasts by Verticals 2018-2027 (USDBillion)
- TABLE 6. Global Robotic Refueling Systemmarket by segment, estimates & forecasts, 2018-2027 (USDBillion)
- TABLE 7. Global Robotic Refueling Systemmarket by region, estimates & forecasts, 2018-2027 (USDBillion)
- TABLE 8. Global Robotic Refueling Systemmarket by segment, estimates & forecasts, 2018-2027 (USDBillion)
- TABLE 9. Global Robotic Refueling Systemmarket by region, estimates & forecasts, 2018-2027 (USDBillion)
- TABLE 10. Global Robotic Refueling Systemmarket by segment, estimates & forecasts, 2018-2027 (USDBillion)
- TABLE 11. Global Robotic Refueling Systemmarket by region, estimates & forecasts, 2018-2027 (USDBillion)
- TABLE 12. Global Robotic Refueling Systemmarket by segment, estimates & forecasts, 2018-2027 (USDBillion)
- TABLE 13. Global Robotic Refueling Systemmarket by region, estimates & forecasts, 2018-2027 (USDBillion)
- TABLE 14. Global Robotic Refueling Systemmarket by segment, estimates & forecasts, 2018-2027 (USDBillion)
- TABLE 15. Global Robotic Refueling Systemmarket by region, estimates & forecasts, 2018-2027 (USDBillion)
- TABLE 16. U.S. Robotic Refueling Systemmarket estimates & forecasts, 2018-2027 (USDBillion)
- TABLE 17. U.S. Robotic Refueling Systemmarket estimates & forecasts by segment 2018-2027 (USDBillion)
- TABLE 18. U.S. Robotic Refueling Systemmarket estimates & forecasts by segment 2018-2027 (USDBillion)

TABLE 19. Canada Robotic Refueling Systemmarket estimates & forecasts, 2018-2027 (USDBillion)

TABLE 20. Canada Robotic Refueling Systemmarket estimates & forecasts by segment 2018-2027 (USDBillion)

TABLE 21. Canada Robotic Refueling Systemmarket estimates & forecasts by segment 2018-2027 (USDBillion)

TABLE 22. UKRobotic Refueling Systemmarket estimates & forecasts, 2018-2027 (USDBillion)

TABLE 23. UKRobotic Refueling Systemmarket estimates & forecasts by segment 2018-2027 (USDBillion)

TABLE 24. UKRobotic Refueling Systemmarket estimates & forecasts by segment 2018-2027 (USDBillion)

TABLE 25. Germany Robotic Refueling Systemmarket estimates & forecasts, 2018-2027 (USDBillion)

TABLE 26. Germany Robotic Refueling Systemmarket estimates & forecasts by segment 2018-2027 (USDBillion)

TABLE 27. Germany Robotic Refueling Systemmarket estimates & forecasts by segment 2018-2027 (USDBillion)

TABLE 28. RoERobotic Refueling Systemmarket estimates & forecasts, 2018-2027 (USDBillion)

TABLE 29. RoERobotic Refueling Systemmarket estimates & forecasts by segment 2018-2027 (USDBillion)

TABLE 30. RoERobotic Refueling Systemmarket estimates & forecasts by segment 2018-2027 (USDBillion)

TABLE 31. China Robotic Refueling Systemmarket estimates & forecasts, 2018-2027 (USDBillion)

TABLE 32. China Robotic Refueling Systemmarket estimates & forecasts by segment 2018-2027 (USDBillion)

TABLE 33. China Robotic Refueling Systemmarket estimates & forecasts by segment 2018-2027 (USDBillion)

TABLE 34. India Robotic Refueling Systemmarket estimates & forecasts, 2018-2027 (USDBillion)

TABLE 35. India Robotic Refueling Systemmarket estimates & forecasts by segment 2018-2027 (USDBillion)

TABLE 36. India Robotic Refueling Systemmarket estimates & forecasts by segment 2018-2027 (USDBillion)

TABLE 37. Japan Robotic Refueling Systemmarket estimates & forecasts, 2018-2027 (USDBillion)

TABLE 38. Japan Robotic Refueling Systemmarket estimates & forecasts by segment

2018-2027 (USDBillion)

TABLE 39. Japan Robotic Refueling Systemmarket estimates & forecasts by segment

2018-2027 (USDBillion)

TABLE 40. RoAPACRobotic Refueling Systemmarket estimates & forecasts, 2018-2027

(USDBillion)

TABLE 41. RoAPACRobotic Refueling Systemmarket estimates & forecasts by segment

2018-2027 (USDBillion)

TABLE 42. RoAPACRobotic Refueling Systemmarket estimates & forecasts by segment

2018-2027 (USDBillion)

TABLE 43. Brazil Robotic Refueling Systemmarket estimates & forecasts, 2018-2027

(USDBillion)

TABLE 44. Brazil Robotic Refueling Systemmarket estimates & forecasts by segment

2018-2027 (USDBillion)

TABLE 45. Brazil Robotic Refueling Systemmarket estimates & forecasts by segment

2018-2027 (USDBillion)

TABLE 46. Mexico Robotic Refueling Systemmarket estimates & forecasts, 2018-2027

(USDBillion)

TABLE 47. Mexico Robotic Refueling Systemmarket estimates & forecasts by segment

2018-2027 (USDBillion)

TABLE 48. Mexico Robotic Refueling Systemmarket estimates & forecasts by segment

2018-2027 (USDBillion)

TABLE 49. RoLARobotic Refueling Systemmarket estimates & forecasts, 2018-2027

(USDBillion)

TABLE 50. RoLARobotic Refueling Systemmarket estimates & forecasts by segment

2018-2027 (USDBillion)

TABLE 51. RoLARobotic Refueling Systemmarket estimates & forecasts by segment

2018-2027 (USDBillion)

TABLE 52. Row Robotic Refueling Systemmarket estimates & forecasts, 2018-2027

(USDBillion)

TABLE 53. Row Robotic Refueling Systemmarket estimates & forecasts by segment

2018-2027 (USDBillion)

TABLE 54. Row Robotic Refueling Systemmarket estimates & forecasts by segment

2018-2027 (USDBillion)

TABLE 55. List of secondary sources, used in the study of global Robotic Refueling

System market

TABLE 56. List of primary sources, used in the study of global Robotic Refueling

System market

TABLE 57. Years considered for the study

TABLE 58. Exchange rates considered



## List Of Figures

### LIST OF FIGURES

- FIG 1. Global Robotic Refueling Systemmarket, research methodology
- FIG 2. Global Robotic Refueling Systemmarket, market estimation techniques
- FIG 3. Global market size estimates & forecast methods
- FIG 4. Global Robotic Refueling Systemmarket, key trends 2020
- FIG 5. Global Robotic Refueling Systemmarket, growth prospects 2021-2027
- FIG 6. Global Robotic Refueling Systemmarket, porters 5 force model
- FIG 7. Global Robotic Refueling Systemmarket, pest analysis
- FIG 8. Global Robotic Refueling Systemmarket, value chain analysis
- FIG 9. Global Robotic Refueling Systemmarket by segment, 2018& 2027 (USDBillion)
- FIG 10. Global Robotic Refueling Systemmarket by segment, 2018& 2027 (USDBillion)
- FIG 11. Global Robotic Refueling Systemmarket by segment, 2018& 2027 (USDBillion)
- FIG 12. Global Robotic Refueling Systemmarket by segment, 2018& 2027 (USDBillion)
- FIG 13. Global Robotic Refueling Systemmarket by segment, 2018& 2027 (USDBillion)
- FIG 14. Global Robotic Refueling Systemmarket, regional snapshot 2018& 2027
- FIG 15. North America Robotic Refueling Systemmarket2018& 2027 (USDBillion)
- FIG 16. Europe Robotic Refueling Systemmarket2018& 2027 (USDBillion)
- FIG 17. Asia pacific Robotic Refueling Systemmarket2018& 2027 (USDBillion)
- FIG 18. Latin America Robotic Refueling Systemmarket2018& 2027 (USDBillion)
- FIG 19. Global Robotic Refueling Systemmarket, company market share analysis (2020)

## I would like to order

Product name: Global Robotic Refueling System Market Size study, by Fuel Pumped (Gasoline, Natural Gas, Petrochemicals, Other) by Payload-carrying Capacity (Up to 50 kg, 50.01-100.00 kg, 100.01-150.00 kg) by Vertical (Mining, Automobile, Oil & Gas, Aerospace, Military & Defence, Warehouse & logistics, Marine & Shipping, Construction, Others) and Regional Forecasts 2021-2027

Product link: <https://marketpublishers.com/r/G7C0BF53DE6FEN.html>

Price: US\$ 3,218.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G7C0BF53DE6FEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below  
and fax the completed form to +44 20 7900 3970