

Robotic Refueling System Market by Fuel Pumped (Gasoline, Natural Gas, Petrochemicals), Payload-carrying Capacity (Up to 50 kg, 50–100 kg, 100–150 kg), Vertical (Automotive, Mining, Oil & Gas, Aerospace,) and Geography - Global forecast 2030

<https://marketpublishers.com/r/RFCB45E6046EN.html>

Date: July 2019

Pages: 123

Price: US\$ 5,650.00 (Single User License)

ID: RFCB45E6046EN

Abstracts

“Robotic refueling system market projected to grow at CAGR of 50.0% during forecast period”

The robotic refueling system market is expected to grow from USD 25 million in 2019 to USD 2.2 billion by 2030, at a CAGR of 50.0% during forecast period. The growing requirement for low-cost mining operations and the need for improved security and safety, while fuel dispensation are the key factors driving the growth of the market.

One of the major restraints for the growth of the market is the legal and safety regulations. Increasing adoption of autonomous technology is the key opportunity for the growth of the robotic refueling system market. A challenge faced by the key players in the market is the replacement of manual caps with automated fuel caps.

“Market for robotic refueling systems pumping other types of fuel is expected to grow at highest CAGR during forecast period”

The market for robotic refueling systems pumping other types of fuel is expected to grow at the highest CAGR during the forecast period. Other fuel consists of hydrogen fuel cells, lithium-ion batteries, methanol, biofuel, and biodiesels. Companies, such as PLUG POWER Inc (US) and Fuelmatics AB (Sweden) are a few of the pioneers in providing robotic refueling systems for hybrid and electric vehicles. A robotic system does the refueling for replacement of hydrogen fuel cells or lithium-based batteries of

hybrid or electric passenger vehicles.

“Mining vertical to hold largest share of market in 2019”

The mining vertical to hold the largest share of the robotic refueling system market in 2019. From autonomous self-driven haulage trucks to autonomous refueling stations, the use of automation has been intensive in the mining vertical since the introduction of robotic refueling systems. In this report, leading refueling robot manufacturers operating in the mining vertical have been analyzed, such as Rotec Engineering B.V and Scott Technology Ltd. They have successfully delivered these systems in a few of the operational mines of South America and Australia

“Europe to dominate robotic refueling system market in 2019”

Europe is expected to account for the largest share of the robotic refueling system market during the forecast period. The presence of major robotic refueling system manufacturers such as Fuelmatics AB (Sweden) and Rotec Engineering (Netherlands), harsh climatic conditions, and an extensive industrial base are the major factors that make Europe a dynamic region for the robotic refueling system market.

In the process of determining and verifying the market size for several segments and subsegments gathered through the secondary research, extensive primary interviews have been conducted with key industry experts in the robotic refueling system market space. The break-up of primary participants for the report has been shown below:

By Company Type: Tier 1 – 65%, Tier 2 – 25%, and Tier 3 – 10%

By Designation: C-level Executives – 70%, Directors – 20%, and Others – 10%

By Region: North America – 25%, Europe – 50%, Asia Pacific – 15%, and RoW – 5%

The report profiles key players in the robotic refueling system market with their respective market ranking analysis. Prominent players profiled in this report are Scott Technology (Scott Technology Ltd(New Zealand)), Fuelmatics AB (Sweden), Rotec Engineering B.V (Netherlands), Neste Oyj (Finland), Shaw development LLC (Shaw Development (US)), PLUG POWER Inc. (Power and Plug (US)), Aerobotix (US), Airbus S.A.S(Netherlands), The Boeing Company (Boeing (US)), ABB Group (Switzerland),

KUKA (Germany), Simon Group Holding (US), FANUC Corporation (JAPAN), AUTOFUEL AB (Sweden), TATSUNO Corporation (Japan), CZECH INNOVATION GROUP (Czech Republic), Mine Energy Group Pty Ltd. (Australia), Husky Corporation (US), GAZPROMNEFT-AERO (Russia) and Green Fueling Inc. (US)

Research Coverage:

This research report categorizes the global robotic refueling system market based on fuel pumped, payload-carrying capacity, vertical, and geography. The report describes the major drivers, restraints, challenges, and opportunities pertaining to the robotic refueling system market and forecasts the same till 2030.

Key Benefits of Buying this Report

The report would help leaders/new entrants in this market in the following ways:

1. This report segments the robotic refueling system market comprehensively and provides the closest market size projection for all subsegments across different regions.
2. The report helps stakeholders understand the pulse of the market and provides them with information on key drivers, restraints, challenges, and opportunities for the growth of the market.
3. This report would help stakeholders understand their competitors better and gain more insights to improve their position in the business. The competitive landscape section includes competitor ecosystem, product developments and launches, partnerships, and mergers and acquisitions.

Contents

1 INTRODUCTION

1.1 STUDY OBJECTIVES

1.2 DEFINITION

1.3 STUDY SCOPE

1.3.1 YEARS CONSIDERED

1.4 CURRENCY

1.5 LIMITATIONS

1.6 PACKAGE SIZE

1.7 STAKEHOLDERS

2 RESEARCH METHODOLOGY

2.1 RESEARCH DATA

2.1.1 SECONDARY DATA

2.1.1.1 Key data from secondary sources

2.1.2 PRIMARY DATA

2.1.2.1 Key data from primary sources

2.1.2.2 Breakdown of primaries

2.1.3 SECONDARY AND PRIMARY RESEARCH

2.1.3.1 Key industry insights

2.2 MARKET SIZE ESTIMATION

2.2.1 BOTTOM-UP APPROACH

2.2.2 TOP-DOWN APPROACH

2.3 MARKET BREAKDOWN AND DATA TRIANGULATION

2.4 RESEARCH ASSUMPTIONS

3 EXECUTIVE SUMMARY

4 PREMIUM INSIGHTS

4.1 ATTRACTIVE MARKET OPPORTUNITIES IN ROBOTIC REFUELING SYSTEM MARKET

4.2 ROBOTIC REFUELING SYSTEM MARKET, BY FUEL PUMPED

4.3 ROBOTIC REFUELING SYSTEM MARKET, BY PAYLOAD CAPACITY

4.4 ROBOTIC REFUELING SYSTEM MARKET IN APAC, COUNTRY VS VERTICAL

4.5 ROBOTIC REFUELING SYSTEM MARKET, BY COUNTRY

5 MARKET OVERVIEW

5.1 INTRODUCTION

5.2 MARKET DYNAMICS

5.2.1 DRIVERS

5.2.1.1 Benefits offered by robotic refueling systems such as low cost of operation and flexibility

5.2.1.2 Improved security and safety offered by robotic refueling systems while fuel dispensation

5.2.2 RESTRAINTS

5.2.2.1 Regulatory policies to ensure data safety

5.2.3 OPPORTUNITIES

5.2.3.1 Increasing adoption of automation

5.2.4 CHALLENGES

5.2.4.1 Replacement of manual fuel caps with automated fuel caps

5.3 VALUE CHAIN ANALYSIS

5.4 USE CASES: ROBOTIC REFUELING SYSTEMS MARKET

5.4.1 REFUELING OF SEA VESSELS IN REMOTE LOCATIONS

5.4.2 REFUELING OF ROTARY WING AIRCRAFT IN BATTLEFIELDS

5.4.3 ROBOTIC REFUELING OF SATELLITES IN SPACE

6 ROBOTIC REFUELING SYSTEM MARKET, BY COMPONENT

6.1 INTRODUCTION

6.2 HARDWARE

6.2.1 VEHICLE POSITIONING SYSTEM

6.2.2 CONTROL SYSTEM

6.2.3 ROBOTIC ARM

6.2.4 FUEL DISPENSING SYSTEM

6.2.5 OTHERS

6.3 SOFTWARE

7 ROBOTIC REFUELING SYSTEM MARKET, BY FUEL PUMPED

7.1 INTRODUCTION

7.2 GASOLINE

7.2.1 GASOLINE TO HOLD THE LARGEST SHARE OF THE MARKET BY FUEL PUMPED DURING FORECAST PERIOD

7.3 NATURAL GAS

7.3.1 INCREASING DEMAND OF NATURAL GAS AS ALTERNATIVE FUEL TO DRIVE THE MARKET FOR ROBOTIC REFUELING SYSTEM

7.4 PETROCHEMICALS

7.4.1 INCREASING ADOPTION OF ROBOTIC REFUELING SYSTEM IN OIL & GAS VERTICAL TO SUPPORT MARKET GROWTH

7.5 OTHERS

7.5.1 INCREASING DEMAND FOR RENEWABLE FUELS TO DRIVE THE MARKET DURING FORECAST PERIOD

8 ROBOTIC REFUELING SYSTEM MARKET, BY PAYLOAD CARRYING CAPACITY

8.1 INTRODUCTION

8.2 UP TO 50 KG

8.2.1 UP TO 50 KG PAYLOAD CARRYING CAPACITY TO HOLD LARGEST SHARE OF THE MARKET

8.3 50–100 KG

8.3.1 USE OF 50–100 KG PAYLOAD CARRYING CAPACITY TO INCREASE ACROSS INDUSTRY VERTICAL

8.4 100–150 KG

8.4.1 MARKET FOR 100–150 KG TO GROW AT THE HIGHEST CAGR DURING FORECAST PERIOD

9 ROBOTIC REFUELING SYSTEM MARKET, BY VERTICAL

9.1 INTRODUCTION

9.2 MINING

9.2.1 MINING TO HOLD THE LARGEST SHARE OF THE ROBOTIC REFUELING SYSTEM MARKET

9.3 AUTOMOTIVE

9.3.1 MARKET FORV AUTOMOTIVE VERTICLE TO GROW AT THE HIGHEST CAGR DURING FORECAST PERIOD

9.4 OIL & GAS

9.4.1 INCREASING DEMAND FOR PETROCHEMICALS TO DRIVE THE MARKET DURING FORECAST PERIOD

9.5 AEROSPACE

9.5.1 ROBOTIC REFUELING OF COMMERCIAL AIRCRAFTS TO ADDRESS SAFETY AND SECURITY CONCERNS

9.6 MILITARY & DEFENSE

9.6.1 DEPLOYMENT ROBOTIC REFUELING SYSTEM IN BATTLEFIELD TO ENHANCE SAFETY DURING WAR

9.7 WAREHOUSE AND LOGISTICS

9.7.1 INCREASING USE OF HYBRID FUELCELL VEHICLES IN LOGISTICS AND WAREHOUSING TO DRIVE THE MARKET

9.8 MARINE AND SHIPPING

9.8.1 ROBOTIC REFUELING OF SEA VESSELS IN REMOTE LOCATION WILL INCREASE ADOPTION IN MARINE AND SHIPPING VERTICAL

9.9 CONSTRUCTION

9.9.1 ADOPTION OF ROBOTIC REFUELING SYSTEM TO DRIVE COST EFFICENCY IN CONSTRUCTION VERTICAL

9.10 OTHERS

9.10.1 REFUELING OF SATELLITES THROUGH ROBOTIC SYSTEM WILL DRIVE THE MARKET DURING FORECAST PERIOD

10 GEOGRAPHIC ANALYSIS

10.1 INTRODUCTION

10.2 NORTH AMERICA

10.2.1 US

10.2.1.1 US to hold the largest share of the robotic refueling system market in 2018

10.2.2 CANADA

10.2.2.1 Increasing demand of robotic refueling system due to safety concerns to drive the market in Canada

10.2.3 MEXICO

10.2.3.1 Robotic refueling system market to grow at a significant rate in Mexico

10.3 EUROPE

10.3.1 GERMANY

10.3.1.1 Growing demand from mining vertical to drive the market in Germany

10.3.2 FRANCE

10.3.2.1 Growing demand from aerospace vertical to drive the market in France

10.3.3 UK

10.3.3.1 Increasing adoption of robotic technology, to drive the market in UK

10.3.4 REST OF EUROPE

10.3.4.1 Increasing adoption of robotic refueling system, due to harsh climatic condition to drive the market in Rest of Europe

10.4 APAC

10.4.1 CHINA

10.4.1.1 Increasing adoption autonomous vehicles to drive the market in China

10.4.2 JAPAN

10.4.2.1 Growing adoption of electric/ hybrid vehicles to drive the market in Japan

10.4.3 SOUTH KOREA

10.4.3.1 Increasing robot density to drive the market in South Korea

10.4.4 REST OF APAC

10.4.4.1 Increasing adoption of robotic refueling in mining sites to drive the market in Rest of APAC

10.5 ROW

10.5.1 SOUTH AMERICA

10.5.1.1 Rapidly growing mining sector to drive the demand for robotic refueling system

10.5.2 MIDDLE EAST AND AFRICA

10.5.2.1 Adoption of robotic refueling in remotely located oil & gas field to drive the market in Middle-East & Africa

11 COMPETITIVE LANDSCAPE

11.1 INTRODUCTION

11.2 COMPETITIVE LEADERSHIP MAPPING, 2018

11.2.1 VISIONARY LEADERS

11.2.2 DYNAMIC DIFFERENTIATORS

11.2.3 INNOVATORS

11.2.4 EMERGING COMPANIES

11.3 BUSINESS STRATEGY EXCELLENCE (FOR ALL 25 PLAYERS)

11.4 STRENGTH OF PRODUCT PORTFOLIO (FOR ALL 25 PLAYERS)

12 COMPANY PROFILE

12.1 KEY PLAYERS

(Business Overview, Products Offered, SWOT Analysis, and MnM View)*

12.1.1 ABB GROUP

12.1.2 SCOTT TECHNOLOGY LTD

12.1.3 KUKA

12.1.4 ROTEC ENGINEERING B.V.

12.1.5 FUELMATICS

12.1.6 MINE ENERGY SOLUTION PTY

12.1.7 GAZPROMNEFT-AERO

12.1.8 AEROBOTIX

12.1.9 SHAW DEVELOPMENT LLC

12.1.10 FANUC

12.2 OTHER KEY PLAYERS

12.2.1 ST?UBLI INTERNATIONAL

12.2.2 DAIHEN

12.2.3 PLUG POWER INC

12.2.4 NESTE OYJ

12.2.5 YASKAWA

12.2.6 ARAL

12.2.7 ROYAL DUTCH SHELL PLC

12.2.8 TATSUNO CORPORATION

12.2.9 GREEN FUELING INC

12.2.10 SIMON GROUP HOLDINGS

*Details on Business Overview, Products Offered, SWOT Analysis, and MnM View might not be captured in case of unlisted companies.

13 APPENDIX

13.1 DISCUSSION GUIDE

13.2 KNOWLEDGE STORE: MARKET SAND MARKETS' SUBSCRIPTION PORTAL

13.3 AVAILABLE CUSTOMIZATIONS

13.4 RELATED REPORTS

13.5 AUTHOR DETAILS

List Of Tables

LIST OF TABLES

TABLE 1 ROBOTIC REFUELING SYSTEM MARKET IN TERMS OF VOLUME, 2016–2030 (NO. OF UNITS)

TABLE 2 ROBOTIC REFUELING SYSTEM MARKET, BY FUEL PUMPED, 2016–2030 (USD MILLION)

TABLE 3 MARKET FOR ROBOTIC REFUELING SYSTEMS USED FOR PUMPING GASOLINE, BY PAYLOAD-CARRYING CAPACITY, 2016–2030 (USD MILLION)

TABLE 4 MARKET FOR ROBOTIC REFUELING SYSTEMS USED FOR PUMPING NATURAL GAS, BY PAYLOAD-CARRYING CAPACITY, 2016–2030 (USD MILLION)

TABLE 5 MARKET FOR ROBOTIC REFUELING SYSTEMS USED FOR PUMPING PETROCHEMICALS, BY PAYLOAD-CARRYING CAPACITY, 2016–2030 (USD MILLION)

TABLE 6 MARKET FOR ROBOTIC REFUELING SYSTEMS USED FOR PUMPING OTHER FUEL, BY PAYLOAD-CARRYING CAPACITY, 2016–2030 (USD MILLION)

TABLE 7 ROBOTIC REFUELING SYSTEM MARKET, BY PAYLOAD CAPACITY, 2016–2030 (USD MILLION)

TABLE 8 ROBOTIC REFUELING SYSTEM MARKET FOR PAYLOAD CAPACITY OF UP TO 50.00 KG, BY VERTICAL, 2016–2030 (USD MILLION)

TABLE 9 ROBOTIC REFUELING SYSTEM MARKET FOR PAYLOAD CAPACITY OF 50–100 KG, BY VERTICAL, 2016–2030 (USD MILLION)

TABLE 10 ROBOTIC REFUELING SYSTEM MARKET FOR PAYLOAD CAPACITY OF 100 KG–150 KG, BY VERTICAL, 2016–2030 (USD MILLION)

TABLE 11 ROBOTIC REFUELING SYSTEM MARKET, BY VERTICAL, 2016–2030 (USD MILLION)

TABLE 12 ROBOTIC REFUELING SYSTEM MARKET FOR MINING, BY REGION, 2016–2030 (USD THOUSAND)

TABLE 13 ROBOTIC REFUELING SYSTEM MARKET FOR MINING IN NORTH AMERICA, BY COUNTRY, 2016–2030 (USD THOUSAND)

TABLE 14 ROBOTIC REFUELING SYSTEM MARKET FOR MINING IN EUROPE, BY COUNTRY, 2016–2030 (USD THOUSAND)

TABLE 15 ROBOTIC REFUELING SYSTEM MARKET FOR MINING IN APAC, BY COUNTRY/REGION, 2016–2030 (USD THOUSAND)

TABLE 16 ROBOTIC REFUELING SYSTEM MARKET FOR MINING IN ROW, BY REGION, 2016–2030 (USD THOUSAND)

TABLE 17 ROBOTIC REFUELING SYSTEM MARKET FOR AUTOMOTIVE VERTICAL, BY REGION, 2016–2030 (USD THOUSAND)

TABLE 18 ROBOTIC REFUELING SYSTEM MARKET FOR AUTOMOTIVE VERTICAL IN NORTH AMERICA, BY COUNTRY, 2016–2030 (USD THOUSAND)

TABLE 19 ROBOTIC REFUELING SYSTEM MARKET FOR AUTOMOTIVE VERTICAL IN EUROPE, BY COUNTRY/REGION, 2016–2030 (USD THOUSAND)

TABLE 20 ROBOTIC REFUELING SYSTEM MARKET FOR AUTOMOTIVE VERTICAL IN APAC, BY COUNTRY/REGION, 2016–2030 (USD THOUSAND)

TABLE 21 ROBOTIC REFUELING SYSTEM MARKET FOR AUTOMOTIVE VERTICAL IN ROW, BY REGION, 2016–2030 (USD THOUSAND)

TABLE 22 ROBOTIC REFUELING SYSTEM MARKET FOR OIL & GAS VERTICAL, BY REGION, 2016–2030 (USD THOUSAND)

TABLE 23 ROBOTIC REFUELING SYSTEM MARKET FOR OIL & GAS VERTICAL IN NORTH AMERICA, BY COUNTRY, 2016–2030 (USD THOUSAND)

TABLE 24 ROBOTIC REFUELING SYSTEM MARKET FOR OIL & GAS VERTICAL IN EUROPE, BY COUNTRY/REGION, 2016–2030 (USD THOUSAND)

TABLE 25 ROBOTIC REFUELING SYSTEM MARKET FOR OIL & GAS VERTICAL IN APAC, BY COUNTRY/REGION, 2016–2030 (USD THOUSAND)

TABLE 26 ROBOTIC REFUELING SYSTEM MARKET FOR OIL & GAS VERTICAL IN ROW, BY REGION, 2016–2030 (USD THOUSAND)

TABLE 27 ROBOTIC REFUELING SYSTEM MARKET FOR AEROSPACE VERTICAL, BY REGION, 2016–2030 (USD THOUSAND)

TABLE 28 ROBOTIC REFUELING SYSTEM MARKET FOR AEROSPACE VERTICAL IN NORTH AMERICA, BY COUNTRY, 2016–2030 (USD THOUSAND)

TABLE 29 ROBOTIC REFUELING SYSTEM MARKET FOR AEROSPACE VERTICAL IN EUROPE, BY COUNTRY/REGION, 2016–2030 (USD THOUSAND)

TABLE 30 ROBOTIC REFUELING SYSTEM MARKET FOR AEROSPACE VERTICAL IN APAC, BY COUNTRY/REGION, 2016–2030 (USD THOUSAND)

TABLE 31 ROBOTIC REFUELING SYSTEM MARKET FOR AEROSPACE VERTICAL IN ROW, BY REGION, 2016–2030 (USD THOUSAND)

TABLE 32 ROBOTIC REFUELING SYSTEM MARKET FOR MILITARY & DEFENSE VERTICAL, BY REGION, 2016–2030 (USD THOUSAND)

TABLE 33 ROBOTIC REFUELING SYSTEM MARKET FOR MILITARY & DEFENSE VERTICAL IN NORTH AMERICA, BY COUNTRY, 2016–2030 (USD THOUSAND)

TABLE 34 ROBOTIC REFUELING SYSTEM MARKET FOR MILITARY & DEFENSE VERTICAL IN EUROPE, BY COUNTRY/REGION, 2016–2030 (USD THOUSAND)

TABLE 35 ROBOTIC REFUELING SYSTEM MARKET FOR MILITARY & DEFENSE VERTICAL IN APAC, BY COUNTRY/REGION, 2016–2030 (USD THOUSAND)

TABLE 36 ROBOTIC REFUELING SYSTEM MARKET FOR MILITARY & DEFENSE VERTICAL IN ROW, BY REGION, 2016–2030 (USD THOUSAND)

TABLE 37 ROBOTIC REFUELING SYSTEM MARKET FOR WAREHOUSE &

LOGISTICS VERTICAL, BY REGION, 2016–2030 (USD THOUSAND)

TABLE 38 ROBOTIC REFUELING SYSTEM MARKET FOR WAREHOUSE & LOGISTICS VERTICAL IN NORTH AMERICA, BY COUNTRY, 2016–2030 (USD THOUSAND)

TABLE 39 ROBOTIC REFUELING SYSTEM MARKET FOR WAREHOUSE & LOGISTICS VERTICAL IN EUROPE, BY COUNTRY/REGION, 2016–2030 (USD THOUSAND)

TABLE 40 ROBOTIC REFUELING SYSTEM MARKET FOR WAREHOUSE & LOGISTICS VERTICAL IN APAC, BY COUNTRY/REGION, 2016–2030 (USD THOUSAND)

TABLE 41 ROBOTIC REFUELING SYSTEM MARKET FOR WAREHOUSE & LOGISTICS VERTICAL IN ROW, BY REGION, 2016–2030 (USD THOUSAND)

TABLE 42 ROBOTIC REFUELING SYSTEM MARKET FOR MARINE & SHIPPING VERTICAL, BY REGION, 2016–2023 (USD THOUSAND)

TABLE 43 ROBOTIC REFUELING SYSTEM MARKET FOR MARINE & SHIPPING VERTICAL IN NORTH AMERICA, BY COUNTRY, 2016–2030 (USD THOUSAND)

TABLE 44 ROBOTIC REFUELING SYSTEM MARKET FOR MARINE & SHIPPING VERTICAL IN EUROPE, BY COUNTRY/REGION, 2016–2030 (USD THOUSAND)

TABLE 45 ROBOTIC REFUELING SYSTEM MARKET FOR MARINE & SHIPPING VERTICAL IN APAC, BY COUNTRY/REGION, 2016–2030 (USD THOUSAND)

TABLE 46 ROBOTIC REFUELING SYSTEM MARKET FOR MARINE & SHIPPING VERTICAL IN ROW, BY REGION, 2016–2030 (USD THOUSAND)

TABLE 47 ROBOTIC REFUELING SYSTEM MARKET FOR CONSTRUCTION VERTICAL, BY REGION, 2016–2030 (USD THOUSAND)

TABLE 48 ROBOTIC REFUELING SYSTEM MARKET FOR CONSTRUCTION VERTICAL IN NORTH AMERICA, BY COUNTRY, 2016–2030 (USD THOUSAND)

TABLE 49 ROBOTIC REFUELING SYSTEM MARKET FOR CONSTRUCTION VERTICAL IN EUROPE, BY COUNTRY/REGION, 2016–2030 (USD THOUSAND)

TABLE 50 ROBOTIC REFUELING SYSTEM MARKET FOR CONSTRUCTION VERTICAL IN APAC, BY COUNTRY/REGION, 2016–2030 (USD THOUSAND)

TABLE 51 ROBOTIC REFUELING SYSTEM MARKET FOR CONSTRUCTION VERTICAL IN ROW, BY REGION, 2016–2030 (USD THOUSAND)

TABLE 52 ROBOTIC REFUELING SYSTEM MARKET FOR OTHER VERTICALS, BY REGION, 2016–2030 (USD THOUSAND)

TABLE 53 ROBOTIC REFUELING SYSTEM MARKET FOR OTHER VERTICALS IN NORTH AMERICA, BY COUNTRY, 2016–2030 (USD THOUSAND)

TABLE 54 ROBOTIC REFUELING SYSTEM MARKET FOR OTHER VERTICALS IN EUROPE, BY COUNTRY/REGION, 2016–2030 (USD THOUSAND)

TABLE 55 ROBOTIC REFUELING SYSTEM MARKET FOR OTHER VERTICALS IN

APAC, BY COUNTRY/REGION, 2016–2030 (USD THOUSAND)

TABLE 56 ROBOTIC REFUELING SYSTEM MARKET FOR OTHER VERTICALS IN ROW, BY REGION, 2016–2030 (USD THOUSAND)

TABLE 57 ROBOTIC REFUELING SYSTEM MARKET, BY REGION, 2016–2030 (USD MILLION)

TABLE 58 ROBOTIC REFUELING SYSTEM MARKET IN NORTH AMERICA, BY COUNTRY, 2016–2030 (USD THOUSAND)

TABLE 59 ROBOTIC REFUELING SYSTEM MARKET IN EUROPE, BY COUNTRY, 2016–2030 (USD THOUSAND)

TABLE 60 ROBOTIC REFUELING SYSTEM MARKET IN APAC, BY COUNTRY, 2016–2030 (USD THOUSAND)

TABLE 61 ROBOTIC REFUELING SYSTEM MARKET IN ROW, BY REGION, 2016–2030 (USD THOUSAND)

List Of Figures

LIST OF FIGURES

FIGURE 1 SEGMENTATION OF ROBOTIC REFUELING SYSTEM MARKET

FIGURE 2 ROBOTIC REFUELING SYSTEM MARKET: RESEARCH DESIGN

FIGURE 3 ROBOTIC REFUELING SYSTEM MARKET: BOTTOM-UP APPROACH

FIGURE 4 ROBOTIC REFUELING SYSTEM MARKET: TOP-DOWN APPROACH

FIGURE 5 DATA TRIANGULATION

FIGURE 6 GASOLINE TO HOLD LARGEST SHARE OF ROBOTIC REFUELING SYSTEM MARKET, BY FUEL PUMPED, DURING FORECAST PERIOD

FIGURE 7 MARKET FOR ROBOTIC REFUELING SYSTEMS WITH PAYLOAD CAPACITY OF 100–150 KG TO GROW AT HIGHEST CAGR DURING FORECAST PERIOD

FIGURE 8 MINING VERTICAL HELD LARGEST MARKET SIZE OF ROBOTIC REFUELING SYSTEM MARKET IN 2018

FIGURE 9 EUROPE HELD LARGEST SHARE OF ROBOTIC REFUELING SYSTEM MARKET IN 2018

FIGURE 10 HIGHER ADOPTION IN MINING VERTICAL TO DRIVE GROWTH OF ROBOTIC REFUELING SYSTEM MARKET DURING FORECAST PERIOD

FIGURE 11 ROBOTIC REFUELING SYSTEM MARKET FOR OTHER FUEL PUMPED TO GROW AT HIGHEST CAGR DURING FORECAST PERIOD

FIGURE 12 MARKET FOR ROBOTIC REFUELING SYSTEMS WITH PAYLOAD-CARRYING CAPACITY OF UP TO 50.0 KG TO HOLD LARGEST SHARE DURING FORECAST PERIOD

FIGURE 13 CHINA TO HOLD LARGEST SHARE OF ROBOTIC REFUELING SYSTEM MARKET IN APAC BY 2019

FIGURE 14 US TO HOLD LARGEST SHARE OF ROBOTIC REFUELING SYSTEM MARKET IN 2018

FIGURE 15 ROBOTIC REFUELING SYSTEMS MARKET: DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES

FIGURE 16 VALUE CHAIN ANALYSIS OF ROBOTIC REFUELING SYSTEM ECOSYSTEM: R&D AND MANUFACTURING PHASES CONTRIBUTE MAXIMUM VALUE

FIGURE 17 PROCESS FLOW CHART FOR ROBOTIC REFUELING SYSTEM

FIGURE 18 MARKET FOR ROBOTIC REFUELING SYSTEMS USED FOR PUMPING GASOLINE TO HOLD LARGEST MARKET SIZE DURING FORECAST PERIOD

FIGURE 19 ROBOTIC REFUELING SYSTEMS WITH PAYLOAD CAPACITY OF UP TO 50 KG USED FOR PUMPING GASOLINE TO HOLD LARGEST SHARE OF

MARKET BY 2030

FIGURE 20 MARKET FOR ROBOTIC REFUELING SYSTEMS USED FOR PUMPING PETROCHEMICALS WITH THE PAYLOAD CAPACITY IN THE RANGE OF 100-150 KG TO GROW AT HIGHEST CAGR DURING FORECAST PERIOD

FIGURE 21 MARKET FOR ROBOTIC REFUELING SYSTEMS WITH PAYLOAD-CARRYING CAPACITY OF 100–150 KG TO GROW AT HIGHEST CAGR DURING FORECAST PERIOD

FIGURE 22 AUTOMOTIVE VERTICAL TO GROW AT HIGHEST CAGR FOR ROBOTIC REFUELING SYSTEM MARKET DURING FORECAST PERIOD

FIGURE 23 EUROPE TO REGISTER LARGEST SHARE OF ROBOTIC REFUELING SYSTEM MARKET FOR AUTOMOTIVE VERTICAL BY 2030

FIGURE 24 EUROPE TO REGISTER LARGEST SHARE OF ROBOTIC REFUELING SYSTEM MARKET FOR AEROSPACE VERTICAL

FIGURE 25 EUROPE TO REGISTER LARGEST SHARE OF ROBOTIC REFUELING SYSTEM MARKET FOR WAREHOUSE AND LOGISTICS VERTICAL BY 2030

FIGURE 26 APAC TO REGISTER HIGHEST GROWTH OF ROBOTIC REFUELING SYSTEM MARKET FOR OTHER VERTICAL DURING FORECAST PERIOD

FIGURE 27 ROBOTIC REFUELING SYSTEM MARKET IN APAC TO GROW AT HIGHEST CAGR DURING FORECAST PERIOD

FIGURE 28 NORTH AMERICA: ROBOTIC REFUELING SYSTEM MARKET SNAPSHOT

FIGURE 29 EUROPE: ROBOTIC REFUELING SYSTEM MARKET SNAPSHOT

FIGURE 30 APAC: ROBOTIC REFUELING SYSTEM MARKET SNAPSHOT

FIGURE 31 ROBOTIC REFUELING SYSTEM MARKET IN SOUTH AMERICA TO GROW AT HIGHER CAGR DURING FORECAST PERIOD

FIGURE 32 ROBOTIC REFUELING SYSTEM MARKET RANKING, 2018

FIGURE 33 ROBOTIC REFUELING SYSTEM MARKET (GLOBAL) COMPETITIVE LEADERSHIP MAPPING, 2018

FIGURE 34 COMPANY SNAPSHOT: ABB

FIGURE 35 COMPANY SNAPSHOT: SCOTT TECHNOLOGY LTD

FIGURE 36 KUKA: COMPANY SNAPSHOT

FIGURE 37 FANUC: COMPANY SNAPSHOT

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