

Global Robotic Waste Sorting System Market Size study, by Recycling Facilities (Electronics Recycling, Materials Recovery Facility, PET Recycling, Mixed Waste, Construction & Demolition, Others) by End User (Recycling Industry, Plastics Industry, Metal & Minerals Industry, Wood Industry, Food Industry, Others) and Regional Forecasts 2021-2027

<https://marketpublishers.com/r/G0C0D0311576EN.html>

Date: September 2021

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G0C0D0311576EN

Abstracts

Global Robotic Waste Sorting System Market is valued approximately USD XX billion in 2020 and is anticipated to grow with a healthy CAGR of XX% over the forecast period 2021-2027. Robotic waste sorting systems perform the task of segregating certain types of items such as recyclable, hazardous, and non-biodegradable from the waste input with minimal human involvement. Robots are equipped with advance AI algorithms to carry out the task of waste sorting. The Robotic Waste Sorting System market is gaining traction due to higher productivity and cost efficiency achieved by employing robots over humans. Some of the leading waste sorting robotic systems can reach speeds of over 4000 picks per hour and work 24x7. These rates and consistency are not possible through any traditional sorting methods.

Another driving factor for this market is tightening government restrictions on waste disposal putting more pressure on sorting systems. For instance, China made its contamination rules stricter by bringing down contamination standard guideline from 1.5% to 0.5 % for paper and plastics. These rigorous standards increase the need for better sorting at materials recovery facilities. However, high cost of setting up a robotic sorting system discourages many businesses which can impede the growth of the market over forecast period of 2021-27. Nevertheless, with increasing need for efficient waste management for environmental preservation, Robotic Waste Sorting System Market is likely to increase the market growth during the forecast period.

Regional analysis of Asia Pacific, North America, Europe, Latin America and Rest of the World, demonstrates that North America is the most significant player across the world in terms of market share owing to highest waste generation, stringent rules for waste recycling and advancements in robotics technology. At the same time, North America is also anticipated to exhibit the highest growth rate over the forecast period 2021-2027. Factors such as increasing investments into waste management, government participation in sustainability efforts and rising consumption of toxic waste would create lucrative growth prospects for the Robotic Waste Sorting System Market across North America region.

Major market player included in this report are:

Machinex Industries Inc

AMP Robotics Corporation

Bulk Handling Systems

ZenRobotics Ltd

Sadako Technologies

Waste Robotics Inc

General Kinematics

Bollegraaf Recycling

Pellenc ST

TOMRA

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 Recycling Facilities:

Electronics Recycling

Materials Recovery Facility

PET Recycling

Mixed Waste

Construction & Demolition

Others

By End User:

Recycling industry

Plastics industry

Metal & Minerals industry

Wood industry

Food industry

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 Waste Sorting 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 Waste Sorting System Market, by Region, 2019-2027 (USD Billion)
 - 1.2.2. Robotic Waste Sorting System Market, by Recycling Facilities, 2019-2027 (USD Billion)
 - 1.2.3. Robotic Waste Sorting System Market, by End User, 2019-2027 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL ROBOTIC WASTE SORTING 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 WASTE SORTING SYSTEM MARKET DYNAMICS

- 3.1. Robotic Waste Sorting System Market Impact Analysis (2019-2027)
 - 3.1.1. Market Drivers
 - 3.1.1.1. High productivity of sorting robots
 - 3.1.1.2. Stringent rules of governments towards waste sorting
 - 3.1.2. Market Challenges
 - 3.1.2.1. High initial investment of robotic sorting systems
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Environmental importance of better waste management

CHAPTER 4. GLOBAL ROBOTIC WASTE SORTING 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 WASTE SORTING SYSTEM MARKET, BY RECYCLING FACILITIES

- 5.1. Market Snapshot
- 5.2. Global Robotic Waste Sorting System Market by Recycling Facilities, Performance - Potential Analysis
- 5.3. Global Robotic Waste Sorting System Market Estimates & Forecasts by Recycling Facilities 2018-2027 (USD Billion)
- 5.4. Robotic Waste Sorting System Market, Sub Segment Analysis
 - 5.4.1. Electronics Recycling
 - 5.4.2. Materials Recovery Facility
 - 5.4.3. PET Recycling
 - 5.4.4. Mixed Waste
 - 5.4.5. Construction & Demolition
 - 5.4.6. Others

CHAPTER 6. GLOBAL ROBOTIC WASTE SORTING SYSTEM MARKET, BY END USER

- 6.1. Market Snapshot
- 6.2. Global Robotic Waste Sorting System Market by End User, Performance - Potential Analysis
- 6.3. Global Robotic Waste Sorting System Market Estimates & Forecasts by End User 2018-2027 (USD Billion)
- 6.4. Robotic Waste Sorting System Market, Sub Segment Analysis

- 6.4.1. Recycling Industry
- 6.4.2. Plastics Industry
- 6.4.3. Metal & Minerals Industry
- 6.4.4. Wood Industry
- 6.4.5. Food Industry
- 6.4.6. Others

CHAPTER 7. GLOBAL ROBOTIC WASTE SORTING SYSTEM MARKET, REGIONAL ANALYSIS

- 7.1. Robotic Waste Sorting System Market, Regional Market Snapshot
- 7.2. North America Robotic Waste Sorting System Market
 - 7.2.1. U.S. Robotic Waste Sorting System Market
 - 7.2.1.1. Recycling Facilities breakdown estimates & forecasts, 2018-2027
 - 7.2.1.2. End User breakdown estimates & forecasts, 2018-2027
 - 7.2.2. Canada Robotic Waste Sorting System Market
- 7.3. Europe Robotic Waste Sorting System Market Snapshot
 - 7.3.1. U.K. Robotic Waste Sorting System Market
 - 7.3.2. Germany Robotic Waste Sorting System Market
 - 7.3.3. France Robotic Waste Sorting System Market
 - 7.3.4. Spain Robotic Waste Sorting System Market
 - 7.3.5. Italy Robotic Waste Sorting System Market
 - 7.3.6. Rest of Europe Robotic Waste Sorting System Market
- 7.4. Asia-Pacific Robotic Waste Sorting System Market Snapshot
 - 7.4.1. China Robotic Waste Sorting System Market
 - 7.4.2. India Robotic Waste Sorting System Market
 - 7.4.3. Japan Robotic Waste Sorting System Market
 - 7.4.4. Australia Robotic Waste Sorting System Market
 - 7.4.5. South Korea Robotic Waste Sorting System Market
 - 7.4.6. Rest of Asia Pacific Robotic Waste Sorting System Market
- 7.5. Latin America Robotic Waste Sorting System Market Snapshot
 - 7.5.1. Brazil Robotic Waste Sorting System Market
 - 7.5.2. Mexico Robotic Waste Sorting System Market
- 7.6. Rest of The World Robotic Waste Sorting System Market

CHAPTER 8. COMPETITIVE INTELLIGENCE

- 8.1. Top Market Strategies
- 8.2. Company Profiles

- 8.2.1. Machinex Industries Inc
 - 8.2.1.1. Key Information
 - 8.2.1.2. Overview
 - 8.2.1.3. Financial (Subject to Data Availability)
 - 8.2.1.4. Product Summary
 - 8.2.1.5. Recent Developments
- 8.2.2. AMP Robotics Corporation
- 8.2.3. Bulk Handling Systems
- 8.2.4. ZenRobotics Ltd.
- 8.2.5. Sadako Technologies
- 8.2.6. Waste Robotics Inc
- 8.2.7. General Kinematics
- 8.2.8. Bollegraaf Recycling
- 8.2.9. Pellenc ST
- 8.2.10. TOMRA

CHAPTER 9. RESEARCH PROCESS

- 9.1. Research Process
 - 9.1.1. Data Mining
 - 9.1.2. Analysis
 - 9.1.3. Market Estimation
 - 9.1.4. Validation
 - 9.1.5. Publishing
- 9.2. Research Attributes
- 9.3. Research Assumption

List Of Tables

LIST OF TABLES

List of Tables

TABLE 1. Global Robotic Waste Sorting System Market, report scope

TABLE 2. Global Robotic Waste Sorting System Market estimates & forecasts by Region 2018-2027 (USD Billion)

TABLE 3. Global Robotic Waste Sorting System Market estimates & forecasts by Recycling Facilities 2018-2027 (USD Billion)

TABLE 4. Global Robotic Waste Sorting System Market estimates & forecasts by End User 2018-2027 (USD Billion)

TABLE 5. Global Robotic Waste Sorting System Market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 6. Global Robotic Waste Sorting System Market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 7. Global Robotic Waste Sorting System Market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 8. Global Robotic Waste Sorting System Market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 9. Global Robotic Waste Sorting System Market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 10. Global Robotic Waste Sorting System Market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 11. Global Robotic Waste Sorting System Market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 12. Global Robotic Waste Sorting System Market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 13. Global Robotic Waste Sorting System Market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 14. Global Robotic Waste Sorting System Market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 15. U.S. Robotic Waste Sorting System Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 16. U.S. Robotic Waste Sorting System Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 17. U.S. Robotic Waste Sorting System Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 18. Canada Robotic Waste Sorting System Market estimates & forecasts,

2018-2027 (USD Billion)

TABLE 19. Canada Robotic Waste Sorting System Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 20. Canada Robotic Waste Sorting System Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 21. UK Robotic Waste Sorting System Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 22. UK Robotic Waste Sorting System Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 23. UK Robotic Waste Sorting System Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 24. Germany Robotic Waste Sorting System Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 25. Germany Robotic Waste Sorting System Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 26. Germany Robotic Waste Sorting System Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 27. RoE Robotic Waste Sorting System Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 28. RoE Robotic Waste Sorting System Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 29. RoE Robotic Waste Sorting System Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 30. China Robotic Waste Sorting System Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 31. China Robotic Waste Sorting System Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 32. China Robotic Waste Sorting System Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 33. India Robotic Waste Sorting System Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 34. India Robotic Waste Sorting System Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 35. India Robotic Waste Sorting System Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 36. Japan Robotic Waste Sorting System Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 37. Japan Robotic Waste Sorting System Market estimates & forecasts by segment 2018-2027 (USD Billion)

- TABLE 38. Japan Robotic Waste Sorting System Market estimates & forecasts by segment 2018-2027 (USD Billion)
- TABLE 39. RoAPAC Robotic Waste Sorting System Market estimates & forecasts, 2018-2027 (USD Billion)
- TABLE 40. RoAPAC Robotic Waste Sorting System Market estimates & forecasts by segment 2018-2027 (USD Billion)
- TABLE 41. RoAPAC Robotic Waste Sorting System Market estimates & forecasts by segment 2018-2027 (USD Billion)
- TABLE 42. Brazil Robotic Waste Sorting System Market estimates & forecasts, 2018-2027 (USD Billion)
- TABLE 43. Brazil Robotic Waste Sorting System Market estimates & forecasts by segment 2018-2027 (USD Billion)
- TABLE 44. Brazil Robotic Waste Sorting System Market estimates & forecasts by segment 2018-2027 (USD Billion)
- TABLE 45. Mexico Robotic Waste Sorting System Market estimates & forecasts, 2018-2027 (USD Billion)
- TABLE 46. Mexico Robotic Waste Sorting System Market estimates & forecasts by segment 2018-2027 (USD Billion)
- TABLE 47. Mexico Robotic Waste Sorting System Market estimates & forecasts by segment 2018-2027 (USD Billion)
- TABLE 48. RoLA Robotic Waste Sorting System Market estimates & forecasts, 2018-2027 (USD Billion)
- TABLE 49. RoLA Robotic Waste Sorting System Market estimates & forecasts by segment 2018-2027 (USD Billion)
- TABLE 50. RoLA Robotic Waste Sorting System Market estimates & forecasts by segment 2018-2027 (USD Billion)
- TABLE 51. Row Robotic Waste Sorting System Market estimates & forecasts, 2018-2027 (USD Billion)
- TABLE 52. Row Robotic Waste Sorting System Market estimates & forecasts by segment 2018-2027 (USD Billion)
- TABLE 53. Row Robotic Waste Sorting System Market estimates & forecasts by segment 2018-2027 (USD Billion)
- TABLE 54. List of secondary sources, used in the study of global Robotic Waste Sorting System Market
- TABLE 55. List of primary sources, used in the study of global Robotic Waste Sorting System Market
- TABLE 56. Years considered for the study
- TABLE 57. Exchange rates considered

List Of Figures

LIST OF FIGURES

- FIG 1. Global Robotic Waste Sorting System Market, research methodology
- FIG 2. Global Robotic Waste Sorting System Market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods
- FIG 4. Global Robotic Waste Sorting System Market, key trends 2019
- FIG 5. Global Robotic Waste Sorting System Market, growth prospects 2021-2027
- FIG 6. Global Robotic Waste Sorting System Market, porters 5 force model
- FIG 7. Global Robotic Waste Sorting System Market, pest analysis
- FIG 8. Global Robotic Waste Sorting System Market, value chain analysis
- FIG 9. Global Robotic Waste Sorting System Market by segment, 2018 & 2027 (USD Billion)
- FIG 10. Global Robotic Waste Sorting System Market by segment, 2018 & 2027 (USD Billion)
- FIG 11. Global Robotic Waste Sorting System Market by segment, 2018 & 2027 (USD Billion)
- FIG 12. Global Robotic Waste Sorting System Market by segment, 2018 & 2027 (USD Billion)
- FIG 13. Global Robotic Waste Sorting System Market by segment, 2018 & 2027 (USD Billion)
- FIG 14. Global Robotic Waste Sorting System Market, regional snapshot 2018 & 2027
- FIG 15. North America Robotic Waste Sorting System Market 2018 & 2027 (USD Billion)
- FIG 16. Europe Robotic Waste Sorting System Market 2018 & 2027 (USD Billion)
- FIG 17. Asia pacific Robotic Waste Sorting System Market 2018 & 2027 (USD Billion)
- FIG 18. Latin America Robotic Waste Sorting System Market 2018 & 2027 (USD Billion)
- FIG 19. Global Robotic Waste Sorting System Market, company market share analysis (2019)

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