

Global Irrigation Automation Market

<https://marketpublishers.com/r/G80A26169527EN.html>

Date: October 2024

Pages: 115

Price: US\$ 3,475.00 (Single User License)

ID: G80A26169527EN

Abstracts

The Irrigation Automation Market is projected to reach USD 13.55 billion by 2033, growing from USD 4.21 billion in 2023 at a compound annual growth rate (CAGR) of 17.88%. This market includes technologies, products, and services designed to automate and optimize irrigation in agriculture, landscaping, and related areas. Its solutions focus on increasing water efficiency, boosting crop yields, cutting labor costs, and reducing environmental impact.

The latest research report by Evolve Business Intelligence explores the various factors influencing the global market. It includes an analysis of the current market size, forecasts for key segments and regions, and the driving forces behind market growth. The report examines the potential impacts of key trends on business strategies and provides a SWOT analysis of critical sectors for each major competitor and customer group. This valuable data highlights the conglomerates likely to impact the industry, crucial for any company planning to invest strategically over the next five years. These insights complement our initial quantitative study, aiding in new investments and strategic planning to mitigate threats in existing sectors.

Segments covered

By Irrigation Type (Sprinkler irrigation, Drip irrigation, Surface irrigation)

By Organization Type (Time-based, Volume-based, Real-time based, Computer-based control system)

By Components (Controllers, Sensors, Weather-based, Soil-based, Fertigation sensors, Others)

By End Use (Agricultural, Open fields, Greenhouses, Non-agricultural, Golf)

courses, Others)

Key players

The Toro company

Hunter Industries

Valmont Industries Inc.

Rain Bird

Jain Irrigation Systems

Lindsay Corporation

Netafim

Galcon

Rubicon Water

Dorset Group B.V

Contents

CHAPTER 1. EXECUTIVE SUMMARY

CHAPTER 2. SCOPE OF THE STUDY

- 2.1. Market Definition
- 2.2. Market Scope & Segmentation
 - 2.2.1. Objective of Report

CHAPTER 3. EVOLVE BI METHODOLOGY

- 3.1. Data Collection & Validation Approach
- 3.2. Market Size Estimation and Forecast

CHAPTER 4. EXCLUSIVE ANALYSIS

- 4.1. Market Opportunity Score
 - 4.1.1. Irrigation Type Segement – Market Opportunity Score
 - 4.1.2. Organization Type Segment – Market Opportunity Score
 - 4.1.3. Components Segment – Market Opportunity Score
 - 4.1.4. End Use Segment – Market Opportunity Score
- 4.2. Key Market Influencing Indicators

CHAPTER 5. MARKET INSIGHTS AND TRENDS

- 5.1. Value Chain Analysis
 - 5.1.1. Raw Material
 - 5.1.2. Manufacturing Process
 - 5.1.3. Distribution Channel
 - 5.1.4. End User
- 5.2. Porter's Five Forces Analysis
 - 5.2.1. Bargaining Power of Buyers
 - 5.2.2. Bargaining Power of Suppliers
 - 5.2.3. Threat of New Entrant
 - 5.2.4. Threat of Substitute
 - 5.2.5. Industry Rivalry
- 5.3. COVID-19 Impact and Post COVID Scenario on Irrigation automation market
 - 5.3.1. Impact of COVID-19

- 5.3.2. Government Support and Industry Revival Policies
- 5.3.3. Measures Taken by Companies to Mitigate Negative Impact
- 5.3.4. Post COVID Trend

CHAPTER 6. MARKET DYNAMICS

- 6.1. Introduction
- 6.2. Drivers
 - 6.2.1. Driver 1
 - 6.2.2. Driver 2
 - 6.2.3. Driver 3
- 6.3. Restraints
 - 6.3.1. Restraint 1
 - 6.3.2. Restraint 2
- 6.4. Opportunity
 - 6.4.1. Opportunity 1

CHAPTER 7. GLOBAL IRRIGATION AUTOMATION MARKET, BY IRRIGATION TYPE

- 7.1. Introduction
 - 7.1.1. Sprinkler irrigation
 - 7.1.2 Drip irrigation
 - 7.1.3. Surface irrigation

CHAPTER 8. GLOBAL IRRIGATION AUTOMATION MARKET, BY ORGANIZATION TYPE

- 8.1. Introduction
 - 8.1.1. Time-based
 - 8.1.2. Volume-based
 - 8.1.3. Real-time based
 - 8.1.4. Computer-based control system

CHAPTER 9. GLOBAL IRRIGATION AUTOMATION MARKET, BY COMPONENTS

- 9.1. Introduction
 - 9.1.1. Controllers
 - 9.1.2. Sensors

- 9.1.3. Weather-based
- 9.1.4. Soil-based
- 9.1.5 Fertigation sensors
- 9.1.6. Others

CHAPTER 10. GLOBAL IRRIGATION AUTOMATION MARKET, BY END USE

- 10.1. Introduction
 - 10.1.1. Agricultural
 - 10.1.2. Open fields
 - 10.1.3. Greenhouses
 - 10.1.4. Non-agricultural
 - 10.1.5. Golf courses
 - 10.1.6. Others

CHAPTER 11. GLOBAL IRRIGATION AUTOMATION MARKET, BY REGION

- 11.1. Introduction
- 11.2. NORTH AMERICA
 - 11.2.1. North America: Market Size and Forecast, By Country, 2023 – 2033 (\$ Million)
 - 11.2.2. North America: Market Size and Forecast, By Irrigation Type, 2023 – 2033 (\$ Million)
 - 11.2.3. North America: Market Size and Forecast, By Organization Type, 2023 – 2033 (\$ Million)
 - 11.2.4. North America: Market Size and Forecast, By Components, 2023 – 2033 (\$ Million)
 - 11.2.5. North America: Market Size and Forecast, By End Use, 2023 – 2033 (\$ Million)
 - 11.2.6. US
 - 11.2.6.1. US: Market Size and Forecast, By Irrigation Type, 2023 – 2033 (\$ Million)
 - 11.2.6.2. US: Market Size and Forecast, By Organization Type, 2023 – 2033 (\$ Million)
 - 11.2.6.3. US: Market Size and Forecast, By Components, 2023 – 2033 (\$ Million)
 - 11.2.6.4. US: Market Size and Forecast, By End Use, 2023 – 2033 (\$ Million)
 - 11.2.7. CANADA
 - 11.2.7.1. Canada: Market Size and Forecast, By Irrigation Type, 2023 – 2033 (\$ Million)
 - 11.2.7.2. Canada: Market Size and Forecast, By Organization Type, 2023 – 2033 (\$ Million)
 - 11.2.7.3. Canada: Market Size and Forecast, By Components, 2023 – 2033 (\$

Million)

11.2.7.4. Canada: Market Size and Forecast, By End Use, 2023 – 2033 (\$ Million)

11.2.8. MEXICO

11.2.8.1. Mexico: Market Size and Forecast, By Irrigation Type, 2023 – 2033 (\$ Million)

11.2.8.2. Mexico: Market Size and Forecast, By Organization Type, 2023 – 2033 (\$ Million)

11.2.8.3. Mexico: Market Size and Forecast, By Components, 2023 – 2033 (\$ Million)

11.2.8.4. Mexico: Market Size and Forecast, By End Use, 2023 – 2033 (\$ Million)

11.3. Europe

11.3.1. Europe: Market Size and Forecast, By Country, 2023 – 2033 (\$ Million)

11.3.2. Europe: Market Size and Forecast, By Irrigation Type, 2023 – 2033 (\$ Million)

11.3.3. Europe: Market Size and Forecast, By Organization Type, 2023 – 2033 (\$ Million)

11.3.4. Europe: Market Size and Forecast, By Components, 2023 – 2033 (\$ Million)

11.3.5. Europe: Market Size and Forecast, By End Use, 2023 – 2033 (\$ Million)

11.3.6. U.K.

11.3.6.1. U.K.: Market Size and Forecast, By Irrigation Type, 2023 – 2033 (\$ Million)

11.3.6.2. U.K.: Market Size and Forecast, By Organization Type, 2023 – 2033 (\$ Million)

11.3.6.3. U.K.: Market Size and Forecast, By Components, 2023 – 2033 (\$ Million)

11.3.6.4. U.K.: Market Size and Forecast, By End Use, 2023 – 2033 (\$ Million)

11.3.7. GERMANY

11.3.7.1. Germany: Market Size and Forecast, By Irrigation Type, 2023 – 2033 (\$ Million)

11.3.7.2. Germany: Market Size and Forecast, By Organization Type, 2023 – 2033 (\$ Million)

11.3.7.3. Germany: Market Size and Forecast, By Components, 2023 – 2033 (\$ Million)

11.3.7.4. Germany: Market Size and Forecast, By End Use, 2023 – 2033 (\$ Million)

11.3.8. FRANCE

11.3.8.1. France: Market Size and Forecast, By Irrigation Type, 2023 – 2033 (\$ Million)

11.3.8.2. France: Market Size and Forecast, By Organization Type, 2023 – 2033 (\$ Million)

11.3.8.3. France: Market Size and Forecast, By Components, 2023 – 2033 (\$ Million)

11.3.8.4. France: Market Size and Forecast, By End Use, 2023 – 2033 (\$ Million)

11.3.9. ITALY

11.3.9.1. Italy: Market Size and Forecast, By Irrigation Type, 2023 – 2033 (\$ Million)

11.3.9.2. Italy: Market Size and Forecast, By Organization Type, 2023 – 2033 (\$ Million)

11.3.9.3. Italy: Market Size and Forecast, By Components, 2023 – 2033 (\$ Million)

11.3.9.4. Italy: Market Size and Forecast, By End Use, 2023 – 2033 (\$ Million)

11.3.10. SPAIN

11.3.10.1. Spain: Market Size and Forecast, By Irrigation Type, 2023 – 2033 (\$ Million)

11.3.10.2. Spain: Market Size and Forecast, By Organization Type, 2023 – 2033 (\$ Million)

11.3.10.3. Spain: Market Size and Forecast, By Components, 2023 – 2033 (\$ Million)

11.3.10.4. Spain: Market Size and Forecast, By End Use, 2023 – 2033 (\$ Million)

11.3.11. BENELUX

11.3.11.1. BeNeLux: Market Size and Forecast, By Irrigation Type, 2023 – 2033 (\$ Million)

11.3.11.2. BeNeLux: Market Size and Forecast, By Organization Type, 2023 – 2033 (\$ Million)

11.3.11.3. BeNeLux: Market Size and Forecast, By Components, 2023 – 2033 (\$ Million)

11.3.11.4. BeNeLux: Market Size and Forecast, By End Use, 2023 – 2033 (\$ Million)

11.3.12. RUSSIA

11.3.12.1. Russia: Market Size and Forecast, By Irrigation Type, 2023 – 2033 (\$ Million)

11.3.12.2. Russia: Market Size and Forecast, By Organization Type, 2023 – 2033 (\$ Million)

11.3.12.3. Russia: Market Size and Forecast, By Components, 2023 – 2033 (\$ Million)

11.3.12.4. Russia: Market Size and Forecast, By End Use, 2023 – 2033 (\$ Million)

11.3.13. REST OF EUROPE

11.3.13.1. Rest of Europe: Market Size and Forecast, By Irrigation Type, 2023 – 2033 (\$ Million)

11.3.13.2. Rest of Europe: Market Size and Forecast, By Organization Type, 2023 – 2033 (\$ Million)

11.3.13.3. Rest of Europe: Market Size and Forecast, By Components, 2023 – 2033 (\$ Million)

11.3.13.4. Rest of Europe: Market Size and Forecast, By End Use, 2023 – 2033 (\$ Million)

11.4. Asia Pacific

11.4.1. Asia Pacific: Market Size and Forecast, By Country, 2023 – 2033 (\$ Million)

11.4.2. Asia Pacific: Market Size and Forecast, By Irrigation Type, 2023 – 2033 (\$ Million)

Million)

11.4.3. Asia Pacific: Market Size and Forecast, By Organization Type, 2023 – 2033 (\$ Million)

11.4.4. Asia Pacific: Market Size and Forecast, By Components, 2023 – 2033 (\$ Million)

11.4.5. Asia Pacific: Market Size and Forecast, By End Use, 2023 – 2033 (\$ Million)

11.4.6. CHINA

11.4.6.1. China: Market Size and Forecast, By Irrigation Type, 2023 – 2033 (\$ Million)

11.4.6.2. China: Market Size and Forecast, By Organization Type, 2023 – 2033 (\$ Million)

11.4.6.3. China: Market Size and Forecast, By Components, 2023 – 2033 (\$ Million)

11.4.6.4. China: Market Size and Forecast, By End Use, 2023 – 2033 (\$ Million)

11.4.7. JAPAN

11.4.7.1. Japan: Market Size and Forecast, By Irrigation Type, 2023 – 2033 (\$ Million)

11.4.7.2. Japan: Market Size and Forecast, By Organization Type, 2023 – 2033 (\$ Million)

11.4.7.3. Japan: Market Size and Forecast, By Components, 2023 – 2033 (\$ Million)

11.4.7.4. Japan: Market Size and Forecast, By End Use, 2023 – 2033 (\$ Million)

11.4.8. INDIA

11.4.8.1. India: Market Size and Forecast, By Irrigation Type, 2023 – 2033 (\$ Million)

11.4.8.2. India: Market Size and Forecast, By Organization Type, 2023 – 2033 (\$ Million)

11.4.8.3. India: Market Size and Forecast, By Components, 2023 – 2033 (\$ Million)

11.4.8.4. India: Market Size and Forecast, By End Use, 2023 – 2033 (\$ Million)

11.4.9. SOUTH KOREA

11.4.9.1. South Korea: Market Size and Forecast, By Irrigation Type, 2023 – 2033 (\$ Million)

11.4.9.2. South Korea: Market Size and Forecast, By Organization Type, 2023 – 2033 (\$ Million)

11.4.9.3. South Korea: Market Size and Forecast, By Components, 2023 – 2033 (\$ Million)

11.4.9.4. South Korea: Market Size and Forecast, By End Use, 2023 – 2033 (\$ Million)

11.4.10. THAILAND

11.4.10.1. Thailand: Market Size and Forecast, By Irrigation Type, 2023 – 2033 (\$ Million)

11.4.10.2. Thailand: Market Size and Forecast, By Organization Type, 2023 – 2033 (\$ Million)

11.4.10.3. Thailand: Market Size and Forecast, By Components, 2023 – 2033 (\$ Million)

11.4.10.4. Thailand: Market Size and Forecast, By End Use, 2023 – 2033 (\$ Million)

11.4.11. INDONESIA

11.4.11.1. Indonesia: Market Size and Forecast, By Irrigation Type, 2023 – 2033 (\$ Million)

11.4.11.2. Indonesia: Market Size and Forecast, By Organization Type, 2023 – 2033 (\$ Million)

11.4.11.3. Indonesia: Market Size and Forecast, By Components, 2023 – 2033 (\$ Million)

11.4.11.4. Indonesia: Market Size and Forecast, By End Use, 2023 – 2033 (\$ Million)

11.4.12. MALAYSIA

11.4.12.1. Malaysia: Market Size and Forecast, By Irrigation Type, 2023 – 2033 (\$ Million)

11.4.12.2. Malaysia: Market Size and Forecast, By Organization Type, 2023 – 2033 (\$ Million)

11.4.12.3. Malaysia: Market Size and Forecast, By Components, 2023 – 2033 (\$ Million)

11.4.12.4. Malaysia: Market Size and Forecast, By End Use, 2023 – 2033 (\$ Million)

11.4.13. AUSTRALIA

11.4.13.1. Australia: Market Size and Forecast, By Irrigation Type, 2023 – 2033 (\$ Million)

11.4.13.2. Australia: Market Size and Forecast, By Organization Type, 2023 – 2033 (\$ Million)

11.4.13.3. Australia: Market Size and Forecast, By Components, 2023 – 2033 (\$ Million)

11.4.13.4. Australia: Market Size and Forecast, By End Use, 2023 – 2033 (\$ Million)

11.4.14. REST FO ASIA PACIFIC

11.4.14.1. Rest fo Asia Pacific: Market Size and Forecast, By Irrigation Type, 2023 – 2033 (\$ Million)

11.4.14.2. Rest fo Asia Pacific: Market Size and Forecast, By Organization Type, 2023 – 2033 (\$ Million)

11.4.14.3. Rest fo Asia Pacific: Market Size and Forecast, By Components, 2023 – 2033 (\$ Million)

11.4.14.4. Rest fo Asia Pacific: Market Size and Forecast, By End Use, 2023 – 2033 (\$ Million)

11.5. South America

11.5.1. South America: Market Size and Forecast, By Country, 2023 – 2033 (\$ Million)

11.5.2. South America: Market Size and Forecast, By Irrigation Type, 2023 – 2033 (\$

Million)

11.5.3. South America: Market Size and Forecast, By Organization Type, 2023 – 2033 (\$ Million)

11.5.4. South America: Market Size and Forecast, By Components, 2023 – 2033 (\$ Million)

11.5.5. South America: Market Size and Forecast, By End Use, 2023 – 2033 (\$ Million)

11.5.6. BRAZIL

11.5.6.1. Brazil: Market Size and Forecast, By Irrigation Type, 2023 – 2033 (\$ Million)

11.5.6.2. Brazil: Market Size and Forecast, By Organization Type, 2023 – 2033 (\$ Million)

11.5.6.3. Brazil: Market Size and Forecast, By Components, 2023 – 2033 (\$ Million)

11.5.6.4. Brazil: Market Size and Forecast, By End Use, 2023 – 2033 (\$ Million)

11.5.7. ARGENTINA

11.5.7.1. Argentina: Market Size and Forecast, By Irrigation Type, 2023 – 2033 (\$ Million)

11.5.7.2. Argentina: Market Size and Forecast, By Organization Type, 2023 – 2033 (\$ Million)

11.5.7.3. Argentina: Market Size and Forecast, By Components, 2023 – 2033 (\$ Million)

11.5.7.4. Argentina: Market Size and Forecast, By End Use, 2023 – 2033 (\$ Million)

11.5.8. REST OF SOUTH AMERICA

11.5.8.1. Rest of South America: Market Size and Forecast, By Irrigation Type, 2023 – 2033 (\$ Million)

11.5.8.2. Rest of South America: Market Size and Forecast, By Organization Type, 2023 – 2033 (\$ Million)

11.5.8.3. Rest of South America: Market Size and Forecast, By Components, 2023 – 2033 (\$ Million)

11.5.8.4. Rest of South America: Market Size and Forecast, By End Use, 2023 – 2033 (\$ Million)

11.6. Middle East & Africa

11.6.1. Middle East & Africa: Market Size and Forecast, By Country, 2023 – 2033 (\$ Million)

11.6.2. Middle East & Africa: Market Size and Forecast, By Irrigation Type, 2023 – 2033 (\$ Million)

11.6.3. Middle East & Africa: Market Size and Forecast, By Organization Type, 2023 – 2033 (\$ Million)

11.6.4. Middle East & Africa: Market Size and Forecast, By Components, 2023 – 2033 (\$ Million)

11.6.5. Middle East & Africa: Market Size and Forecast, By Type, 2023 – 2033 (\$

Million)

11.6.6. SAUDI ARABIA

11.6.6.1. Saudi Arabia: Market Size and Forecast, By Irrigation Type, 2023 – 2033 (\$ Million)

11.6.6.2. Saudi Arabia: Market Size and Forecast, By Organization Type, 2023 – 2033 (\$ Million)

11.6.6.3. Saudi Arabia: Market Size and Forecast, By Components, 2023 – 2033 (\$ Million)

11.6.6.4. Saudi Arabia: Market Size and Forecast, By End Use, 2023 – 2033 (\$ Million)

11.6.7. UAE

11.6.7.1. UAE: Market Size and Forecast, By Irrigation Type, 2023 – 2033 (\$ Million)

11.6.7.2. UAE: Market Size and Forecast, By Organization Type, 2023 – 2033 (\$ Million)

11.6.7.3. UAE: Market Size and Forecast, By Components, 2023 – 2033 (\$ Million)

11.6.7.4. UAE: Market Size and Forecast, By End Use, 2023 – 2033 (\$ Million)

11.6.8. EGYPT

11.6.8.1. Egypt: Market Size and Forecast, By Irrigation Type, 2023 – 2033 (\$ Million)

11.6.8.2. Egypt: Market Size and Forecast, By Organization Type, 2023 – 2033 (\$ Million)

11.6.8.3. Egypt: Market Size and Forecast, By Components, 2023 – 2033 (\$ Million)

11.6.8.4. Egypt: Market Size and Forecast, By End Use, 2023 – 2033 (\$ Million)

11.6.9. SOUTH AFRICA

11.6.9.1. South Africa: Market Size and Forecast, By Irrigation Type, 2023 – 2033 (\$ Million)

11.6.9.2. South Africa: Market Size and Forecast, By Organization Type, 2023 – 2033 (\$ Million)

11.6.9.3. South Africa: Market Size and Forecast, By Components, 2023 – 2033 (\$ Million)

11.6.9.4. South Africa: Market Size and Forecast, By End Use, 2023 – 2033 (\$ Million)

11.6.10. REST OF MIDDLE EAST & AFRICA

11.6.10.1. Rest of Middle East & Africa: Market Size and Forecast, By Irrigation Type, 2023 – 2033 (\$ Million)

11.6.10.2. Rest of Middle East & Africa: Market Size and Forecast, By Organization Type, 2023 – 2033 (\$ Million)

11.6.10.3. Rest of Middle East & Africa: Market Size and Forecast, By Components, 2023 – 2033 (\$ Million)

11.6.10.4. Rest of Middle East & Africa: Market Size and Forecast, By End Use, 2023

– 2033 (\$ Million)

CHAPTER 12. COMPETITIVE LANDSCAPE

12.1. Competitor Benchmarking 2023

12.2. Market Share Analysis

12.3. Key Developments Analysis By Top 5 Companies

12.4. Market Share Acquisition Strategies: Analysis of Key Approaches Employed by Top Players

CHAPTER 13. COMPANY PROFILES

13.1. The Toro company

13.1.1. Business Overview

13.1.2. Financial Analysis

13.1.2.1. Business Segment Revenue, 2018, 2019, 2020, \$ Million

13.1.2.2. Geographic Revenue Mix, 2020 (% Share)

13.1.3. Product Portfolio

13.1.4. Recent Development and Strategies Adopted

13.1.5. SWOT Analysis

13.2. Hunter Industries

13.3. Valmont Industries Inc.

13.4. Rain Bird

13.5. Jain Irrigation Systems

13.6. Lindsay Corporation

13.7. Netafim

13.8. Galcon

13.9. Rubicon Water

13.10. Dorset Group B.V.

I would like to order

Product name: Global Irrigation Automation Market

Product link: <https://marketpublishers.com/r/G80A26169527EN.html>

Price: US\$ 3,475.00 (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/G80A26169527EN.html>