

# Global Wind Tunnel Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

<https://marketpublishers.com/r/G2783BF00D9GEN.html>

Date: June 2024

Pages: 131

Price: US\$ 3,480.00 (Single User License)

ID: G2783BF00D9GEN

## Abstracts

According to our (Global Info Research) latest study, the global Wind Tunnel market size was valued at USD 2243 million in 2023 and is forecast to a readjusted size of USD 2595.2 million by 2030 with a CAGR of 2.1% during review period.

A wind tunnel is a tool used in aerodynamic research to study the effects of air moving past solid objects. A wind tunnel consists of a tubular passage with the object under test mounted in the middle. Air is made to move past the object by a powerful fan system or other means. The test object, often called a wind tunnel model, is instrumented with suitable sensors to measure aerodynamic forces, pressure distribution, or other aerodynamic-related characteristics.

By region, the Asia Pacific wind tunnel market is projected to grow at the highest rate from 2018 to 2023. Countries such as China, India, Japan, South Korea, Taiwan, and Australia are investing in indigenous development programs to manufacture various types of new and advanced aircraft for commercial and defense applications, along with the development of electric automotive vehicles. China has substantially increased its spending for the development of new and advanced systems for the aerospace & defense and automotive sectors. This, in turn, is expected to contribute toward increased demand for wind tunnels and wind tunnel testing services in the country. Moreover, countries such as Japan, India, and South Korea are also spending increasingly for the development of rail, automotive, and marine infrastructures, which require wind tunnel testing.

The Global Info Research report includes an overview of the development of the Wind Tunnel industry chain, the market status of Aerospace & Defense (Vertical, Horizontal), Transportation (Vertical, Horizontal), and key enterprises in developed and developing

market, and analysed the cutting-edge technology, patent, hot applications and market trends of Wind Tunnel.

Regionally, the report analyzes the Wind Tunnel markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Wind Tunnel market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the Wind Tunnel market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Wind Tunnel industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., Vertical, Horizontal).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Wind Tunnel market.

**Regional Analysis:** The report involves examining the Wind Tunnel market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the Wind Tunnel market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Wind Tunnel:

**Company Analysis:** Report covers individual Wind Tunnel manufacturers, suppliers, and

other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards Wind Tunnel. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Aerospace & Defense, Transportation).

**Technology Analysis:** Report covers specific technologies relevant to Wind Tunnel. It assesses the current state, advancements, and potential future developments in Wind Tunnel areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Wind Tunnel market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

## Market Segmentation

Wind Tunnel market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

### Market segment by Type

Vertical

Horizontal

### Market segment by Application

Aerospace & Defense

Transportation

Racing Championship

Building Construction & Wind Energy

Adventure Sports Skydiving

Training & Simulation

#### Major players covered

Boeing

Lockheed Martin

Aiolos

Aerolab

Horiba

Forschungsinstitut Fur Kraftfahrwesen Und Fahrzeugmotoren Stuttgart (FKFS)

Mahle

Mitsubishi Heavy Industries

Rail Tec Arsenal (RTA)

Centre Scientifique ET Technique Du Batiment (CSTB)

Auto Research Center (ARC)

Ruag Group

European Transonic Windtunnel (ETW)

Aerodyn Wind Tunnel

DNW

BMT

Force Technology

Windtech Consultants

Calspan

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Wind Tunnel product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Wind Tunnel, with price, sales, revenue and global market share of Wind Tunnel from 2019 to 2024.

Chapter 3, the Wind Tunnel competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Wind Tunnel breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and Wind Tunnel market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Wind Tunnel.

Chapter 14 and 15, to describe Wind Tunnel sales channel, distributors, customers, research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of Wind Tunnel
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
  - 1.3.1 Overview: Global Wind Tunnel Consumption Value by Type: 2019 Versus 2023 Versus 2030
  - 1.3.2 Vertical
  - 1.3.3 Horizontal
- 1.4 Market Analysis by Application
  - 1.4.1 Overview: Global Wind Tunnel Consumption Value by Application: 2019 Versus 2023 Versus 2030
  - 1.4.2 Aerospace & Defense
  - 1.4.3 Transportation
  - 1.4.4 Racing Championship
  - 1.4.5 Building Construction & Wind Energy
  - 1.4.6 Adventure Sports Skydiving
  - 1.4.7 Training & Simulation
- 1.5 Global Wind Tunnel Market Size & Forecast
  - 1.5.1 Global Wind Tunnel Consumption Value (2019 & 2023 & 2030)
  - 1.5.2 Global Wind Tunnel Sales Quantity (2019-2030)
  - 1.5.3 Global Wind Tunnel Average Price (2019-2030)

### 2 MANUFACTURERS PROFILES

- 2.1 Boeing
  - 2.1.1 Boeing Details
  - 2.1.2 Boeing Major Business
  - 2.1.3 Boeing Wind Tunnel Product and Services
  - 2.1.4 Boeing Wind Tunnel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.1.5 Boeing Recent Developments/Updates
- 2.2 Lockheed Martin
  - 2.2.1 Lockheed Martin Details
  - 2.2.2 Lockheed Martin Major Business
  - 2.2.3 Lockheed Martin Wind Tunnel Product and Services
  - 2.2.4 Lockheed Martin Wind Tunnel Sales Quantity, Average Price, Revenue, Gross

## Margin and Market Share (2019-2024)

### 2.2.5 Lockheed Martin Recent Developments/Updates

## 2.3 Aiolos

### 2.3.1 Aiolos Details

### 2.3.2 Aiolos Major Business

### 2.3.3 Aiolos Wind Tunnel Product and Services

### 2.3.4 Aiolos Wind Tunnel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.3.5 Aiolos Recent Developments/Updates

## 2.4 Aerolab

### 2.4.1 Aerolab Details

### 2.4.2 Aerolab Major Business

### 2.4.3 Aerolab Wind Tunnel Product and Services

### 2.4.4 Aerolab Wind Tunnel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.4.5 Aerolab Recent Developments/Updates

## 2.5 Horiba

### 2.5.1 Horiba Details

### 2.5.2 Horiba Major Business

### 2.5.3 Horiba Wind Tunnel Product and Services

### 2.5.4 Horiba Wind Tunnel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.5.5 Horiba Recent Developments/Updates

## 2.6 Forschungsinstitut Fur Kraftfahrwesen Und Fahrzeugmotoren Stuttgart (FKFS)

### 2.6.1 Forschungsinstitut Fur Kraftfahrwesen Und Fahrzeugmotoren Stuttgart (FKFS) Details

### 2.6.2 Forschungsinstitut Fur Kraftfahrwesen Und Fahrzeugmotoren Stuttgart (FKFS) Major Business

### 2.6.3 Forschungsinstitut Fur Kraftfahrwesen Und Fahrzeugmotoren Stuttgart (FKFS) Wind Tunnel Product and Services

### 2.6.4 Forschungsinstitut Fur Kraftfahrwesen Und Fahrzeugmotoren Stuttgart (FKFS) Wind Tunnel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.6.5 Forschungsinstitut Fur Kraftfahrwesen Und Fahrzeugmotoren Stuttgart (FKFS) Recent Developments/Updates

## 2.7 Mahle

### 2.7.1 Mahle Details

### 2.7.2 Mahle Major Business

### 2.7.3 Mahle Wind Tunnel Product and Services



2.7.4 Mahle Wind Tunnel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.7.5 Mahle Recent Developments/Updates

2.8 Mitsubishi Heavy Industries

2.8.1 Mitsubishi Heavy Industries Details

2.8.2 Mitsubishi Heavy Industries Major Business

2.8.3 Mitsubishi Heavy Industries Wind Tunnel Product and Services

2.8.4 Mitsubishi Heavy Industries Wind Tunnel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.8.5 Mitsubishi Heavy Industries Recent Developments/Updates

2.9 Rail Tec Arsenal (RTA)

2.9.1 Rail Tec Arsenal (RTA) Details

2.9.2 Rail Tec Arsenal (RTA) Major Business

2.9.3 Rail Tec Arsenal (RTA) Wind Tunnel Product and Services

2.9.4 Rail Tec Arsenal (RTA) Wind Tunnel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.9.5 Rail Tec Arsenal (RTA) Recent Developments/Updates

2.10 Centre Scientifique ET Technique Du Batiment (CSTB)

2.10.1 Centre Scientifique ET Technique Du Batiment (CSTB) Details

2.10.2 Centre Scientifique ET Technique Du Batiment (CSTB) Major Business

2.10.3 Centre Scientifique ET Technique Du Batiment (CSTB) Wind Tunnel Product and Services

2.10.4 Centre Scientifique ET Technique Du Batiment (CSTB) Wind Tunnel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.10.5 Centre Scientifique ET Technique Du Batiment (CSTB) Recent Developments/Updates

2.11 Auto Research Center (ARC)

2.11.1 Auto Research Center (ARC) Details

2.11.2 Auto Research Center (ARC) Major Business

2.11.3 Auto Research Center (ARC) Wind Tunnel Product and Services

2.11.4 Auto Research Center (ARC) Wind Tunnel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.11.5 Auto Research Center (ARC) Recent Developments/Updates

2.12 Ruag Group

2.12.1 Ruag Group Details

2.12.2 Ruag Group Major Business

2.12.3 Ruag Group Wind Tunnel Product and Services

2.12.4 Ruag Group Wind Tunnel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

- 2.12.5 Ruag Group Recent Developments/Updates
- 2.13 European Transonic Windtunnel (ETW)
  - 2.13.1 European Transonic Windtunnel (ETW) Details
  - 2.13.2 European Transonic Windtunnel (ETW) Major Business
  - 2.13.3 European Transonic Windtunnel (ETW) Wind Tunnel Product and Services
  - 2.13.4 European Transonic Windtunnel (ETW) Wind Tunnel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.13.5 European Transonic Windtunnel (ETW) Recent Developments/Updates
- 2.14 Aerodyn Wind Tunnel
  - 2.14.1 Aerodyn Wind Tunnel Details
  - 2.14.2 Aerodyn Wind Tunnel Major Business
  - 2.14.3 Aerodyn Wind Tunnel Wind Tunnel Product and Services
  - 2.14.4 Aerodyn Wind Tunnel Wind Tunnel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.14.5 Aerodyn Wind Tunnel Recent Developments/Updates
- 2.15 DNW
  - 2.15.1 DNW Details
  - 2.15.2 DNW Major Business
  - 2.15.3 DNW Wind Tunnel Product and Services
  - 2.15.4 DNW Wind Tunnel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.15.5 DNW Recent Developments/Updates
- 2.16 BMT
  - 2.16.1 BMT Details
  - 2.16.2 BMT Major Business
  - 2.16.3 BMT Wind Tunnel Product and Services
  - 2.16.4 BMT Wind Tunnel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.16.5 BMT Recent Developments/Updates
- 2.17 Force Technology
  - 2.17.1 Force Technology Details
  - 2.17.2 Force Technology Major Business
  - 2.17.3 Force Technology Wind Tunnel Product and Services
  - 2.17.4 Force Technology Wind Tunnel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.17.5 Force Technology Recent Developments/Updates
- 2.18 Windtech Consultants
  - 2.18.1 Windtech Consultants Details
  - 2.18.2 Windtech Consultants Major Business

- 2.18.3 Windtech Consultants Wind Tunnel Product and Services
- 2.18.4 Windtech Consultants Wind Tunnel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
- 2.18.5 Windtech Consultants Recent Developments/Updates
- 2.19 Calspan
  - 2.19.1 Calspan Details
  - 2.19.2 Calspan Major Business
  - 2.19.3 Calspan Wind Tunnel Product and Services
  - 2.19.4 Calspan Wind Tunnel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.19.5 Calspan Recent Developments/Updates

### **3 COMPETITIVE ENVIRONMENT: WIND TUNNEL BY MANUFACTURER**

- 3.1 Global Wind Tunnel Sales Quantity by Manufacturer (2019-2024)
- 3.2 Global Wind Tunnel Revenue by Manufacturer (2019-2024)
- 3.3 Global Wind Tunnel Average Price by Manufacturer (2019-2024)
- 3.4 Market Share Analysis (2023)
  - 3.4.1 Producer Shipments of Wind Tunnel by Manufacturer Revenue (\$MM) and Market Share (%): 2023
  - 3.4.2 Top 3 Wind Tunnel Manufacturer Market Share in 2023
  - 3.4.2 Top 6 Wind Tunnel Manufacturer Market Share in 2023
- 3.5 Wind Tunnel Market: Overall Company Footprint Analysis
  - 3.5.1 Wind Tunnel Market: Region Footprint
  - 3.5.2 Wind Tunnel Market: Company Product Type Footprint
  - 3.5.3 Wind Tunnel Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

### **4 CONSUMPTION ANALYSIS BY REGION**

- 4.1 Global Wind Tunnel Market Size by Region
  - 4.1.1 Global Wind Tunnel Sales Quantity by Region (2019-2030)
  - 4.1.2 Global Wind Tunnel Consumption Value by Region (2019-2030)
  - 4.1.3 Global Wind Tunnel Average Price by Region (2019-2030)
- 4.2 North America Wind Tunnel Consumption Value (2019-2030)
- 4.3 Europe Wind Tunnel Consumption Value (2019-2030)
- 4.4 Asia-Pacific Wind Tunnel Consumption Value (2019-2030)
- 4.5 South America Wind Tunnel Consumption Value (2019-2030)

#### 4.6 Middle East and Africa Wind Tunnel Consumption Value (2019-2030)

### 5 MARKET SEGMENT BY TYPE

#### 5.1 Global Wind Tunnel Sales Quantity by Type (2019-2030)

#### 5.2 Global Wind Tunnel Consumption Value by Type (2019-2030)

#### 5.3 Global Wind Tunnel Average Price by Type (2019-2030)

### 6 MARKET SEGMENT BY APPLICATION

#### 6.1 Global Wind Tunnel Sales Quantity by Application (2019-2030)

#### 6.2 Global Wind Tunnel Consumption Value by Application (2019-2030)

#### 6.3 Global Wind Tunnel Average Price by Application (2019-2030)

### 7 NORTH AMERICA

#### 7.1 North America Wind Tunnel Sales Quantity by Type (2019-2030)

#### 7.2 North America Wind Tunnel Sales Quantity by Application (2019-2030)

#### 7.3 North America Wind Tunnel Market Size by Country

##### 7.3.1 North America Wind Tunnel Sales Quantity by Country (2019-2030)

##### 7.3.2 North America Wind Tunnel Consumption Value by Country (2019-2030)

##### 7.3.3 United States Market Size and Forecast (2019-2030)

##### 7.3.4 Canada Market Size and Forecast (2019-2030)

##### 7.3.5 Mexico Market Size and Forecast (2019-2030)

### 8 EUROPE

#### 8.1 Europe Wind Tunnel Sales Quantity by Type (2019-2030)

#### 8.2 Europe Wind Tunnel Sales Quantity by Application (2019-2030)

#### 8.3 Europe Wind Tunnel Market Size by Country

##### 8.3.1 Europe Wind Tunnel Sales Quantity by Country (2019-2030)

##### 8.3.2 Europe Wind Tunnel Consumption Value by Country (2019-2030)

##### 8.3.3 Germany Market Size and Forecast (2019-2030)

##### 8.3.4 France Market Size and Forecast (2019-2030)

##### 8.3.5 United Kingdom Market Size and Forecast (2019-2030)

##### 8.3.6 Russia Market Size and Forecast (2019-2030)

##### 8.3.7 Italy Market Size and Forecast (2019-2030)

### 9 ASIA-PACIFIC

9.1 Asia-Pacific Wind Tunnel Sales Quantity by Type (2019-2030)

9.2 Asia-Pacific Wind Tunnel Sales Quantity by Application (2019-2030)

9.3 Asia-Pacific Wind Tunnel Market Size by Region

9.3.1 Asia-Pacific Wind Tunnel Sales Quantity by Region (2019-2030)

9.3.2 Asia-Pacific Wind Tunnel Consumption Value by Region (2019-2030)

9.3.3 China Market Size and Forecast (2019-2030)

9.3.4 Japan Market Size and Forecast (2019-2030)

9.3.5 Korea Market Size and Forecast (2019-2030)

9.3.6 India Market Size and Forecast (2019-2030)

9.3.7 Southeast Asia Market Size and Forecast (2019-2030)

9.3.8 Australia Market Size and Forecast (2019-2030)

## **10 SOUTH AMERICA**

10.1 South America Wind Tunnel Sales Quantity by Type (2019-2030)

10.2 South America Wind Tunnel Sales Quantity by Application (2019-2030)

10.3 South America Wind Tunnel Market Size by Country

10.3.1 South America Wind Tunnel Sales Quantity by Country (2019-2030)

10.3.2 South America Wind Tunnel Consumption Value by Country (2019-2030)

10.3.3 Brazil Market Size and Forecast (2019-2030)

10.3.4 Argentina Market Size and Forecast (2019-2030)

## **11 MIDDLE EAST & AFRICA**

11.1 Middle East & Africa Wind Tunnel Sales Quantity by Type (2019-2030)

11.2 Middle East & Africa Wind Tunnel Sales Quantity by Application (2019-2030)

11.3 Middle East & Africa Wind Tunnel Market Size by Country

11.3.1 Middle East & Africa Wind Tunnel Sales Quantity by Country (2019-2030)

11.3.2 Middle East & Africa Wind Tunnel Consumption Value by Country (2019-2030)

11.3.3 Turkey Market Size and Forecast (2019-2030)

11.3.4 Egypt Market Size and Forecast (2019-2030)

11.3.5 Saudi Arabia Market Size and Forecast (2019-2030)

11.3.6 South Africa Market Size and Forecast (2019-2030)

## **12 MARKET DYNAMICS**

12.1 Wind Tunnel Market Drivers

12.2 Wind Tunnel Market Restraints

12.3 Wind Tunnel Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

## **13 RAW MATERIAL AND INDUSTRY CHAIN**

13.1 Raw Material of Wind Tunnel and Key Manufacturers

13.2 Manufacturing Costs Percentage of Wind Tunnel

13.3 Wind Tunnel Production Process

13.4 Wind Tunnel Industrial Chain

## **14 SHIPMENTS BY DISTRIBUTION CHANNEL**

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Wind Tunnel Typical Distributors

14.3 Wind Tunnel Typical Customers

## **15 RESEARCH FINDINGS AND CONCLUSION**

## **16 APPENDIX**

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer



## List Of Tables

### LIST OF TABLES

Table 1. Global Wind Tunnel Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Table 2. Global Wind Tunnel Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Table 3. Boeing Basic Information, Manufacturing Base and Competitors

Table 4. Boeing Major Business

Table 5. Boeing Wind Tunnel Product and Services

Table 6. Boeing Wind Tunnel Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 7. Boeing Recent Developments/Updates

Table 8. Lockheed Martin Basic Information, Manufacturing Base and Competitors

Table 9. Lockheed Martin Major Business

Table 10. Lockheed Martin Wind Tunnel Product and Services

Table 11. Lockheed Martin Wind Tunnel Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 12. Lockheed Martin Recent Developments/Updates

Table 13. Aiolos Basic Information, Manufacturing Base and Competitors

Table 14. Aiolos Major Business

Table 15. Aiolos Wind Tunnel Product and Services

Table 16. Aiolos Wind Tunnel Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 17. Aiolos Recent Developments/Updates

Table 18. Aerolab Basic Information, Manufacturing Base and Competitors

Table 19. Aerolab Major Business

Table 20. Aerolab Wind Tunnel Product and Services

Table 21. Aerolab Wind Tunnel Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 22. Aerolab Recent Developments/Updates

Table 23. Horiba Basic Information, Manufacturing Base and Competitors

Table 24. Horiba Major Business

Table 25. Horiba Wind Tunnel Product and Services

Table 26. Horiba Wind Tunnel Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 27. Horiba Recent Developments/Updates

Table 28. Forschungsinstitut Fur Kraftfahrwesen Und Fahrzeugmotoren Stuttgart

(FKFS) Basic Information, Manufacturing Base and Competitors

Table 29. Forschungsinstitut Fur Kraftfahrwesen Und Fahrzeugmotoren Stuttgart

(FKFS) Major Business

Table 30. Forschungsinstitut Fur Kraftfahrwesen Und Fahrzeugmotoren Stuttgart

(FKFS) Wind Tunnel Product and Services

Table 31. Forschungsinstitut Fur Kraftfahrwesen Und Fahrzeugmotoren Stuttgart

(FKFS) Wind Tunnel Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 32. Forschungsinstitut Fur Kraftfahrwesen Und Fahrzeugmotoren Stuttgart

(FKFS) Recent Developments/Updates

Table 33. Mahle Basic Information, Manufacturing Base and Competitors

Table 34. Mahle Major Business

Table 35. Mahle Wind Tunnel Product and Services

Table 36. Mahle Wind Tunnel Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 37. Mahle Recent Developments/Updates

Table 38. Mitsubishi Heavy Industries Basic Information, Manufacturing Base and Competitors

Table 39. Mitsubishi Heavy Industries Major Business

Table 40. Mitsubishi Heavy Industries Wind Tunnel Product and Services

Table 41. Mitsubishi Heavy Industries Wind Tunnel Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 42. Mitsubishi Heavy Industries Recent Developments/Updates

Table 43. Rail Tec Arsenal (RTA) Basic Information, Manufacturing Base and Competitors

Table 44. Rail Tec Arsenal (RTA) Major Business

Table 45. Rail Tec Arsenal (RTA) Wind Tunnel Product and Services

Table 46. Rail Tec Arsenal (RTA) Wind Tunnel Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 47. Rail Tec Arsenal (RTA) Recent Developments/Updates

Table 48. Centre Scientifique ET Technique Du Batiment (CSTB) Basic Information, Manufacturing Base and Competitors

Table 49. Centre Scientifique ET Technique Du Batiment (CSTB) Major Business

Table 50. Centre Scientifique ET Technique Du Batiment (CSTB) Wind Tunnel Product and Services

Table 51. Centre Scientifique ET Technique Du Batiment (CSTB) Wind Tunnel Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 52. Centre Scientifique ET Technique Du Batiment (CSTB) Recent



## Developments/Updates

Table 53. Auto Research Center (ARC) Basic Information, Manufacturing Base and Competitors

Table 54. Auto Research Center (ARC) Major Business

Table 55. Auto Research Center (ARC) Wind Tunnel Product and Services

Table 56. Auto Research Center (ARC) Wind Tunnel Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 57. Auto Research Center (ARC) Recent Developments/Updates

Table 58. Ruag Group Basic Information, Manufacturing Base and Competitors

Table 59. Ruag Group Major Business

Table 60. Ruag Group Wind Tunnel Product and Services

Table 61. Ruag Group Wind Tunnel Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 62. Ruag Group Recent Developments/Updates

Table 63. European Transonic Windtunnel (ETW) Basic Information, Manufacturing Base and Competitors

Table 64. European Transonic Windtunnel (ETW) Major Business

Table 65. European Transonic Windtunnel (ETW) Wind Tunnel Product and Services

Table 66. European Transonic Windtunnel (ETW) Wind Tunnel Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 67. European Transonic Windtunnel (ETW) Recent Developments/Updates

Table 68. Aerodyn Wind Tunnel Basic Information, Manufacturing Base and Competitors

Table 69. Aerodyn Wind Tunnel Major Business

Table 70. Aerodyn Wind Tunnel Wind Tunnel Product and Services

Table 71. Aerodyn Wind Tunnel Wind Tunnel Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 72. Aerodyn Wind Tunnel Recent Developments/Updates

Table 73. DNW Basic Information, Manufacturing Base and Competitors

Table 74. DNW Major Business

Table 75. DNW Wind Tunnel Product and Services

Table 76. DNW Wind Tunnel Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 77. DNW Recent Developments/Updates

Table 78. BMT Basic Information, Manufacturing Base and Competitors

Table 79. BMT Major Business

Table 80. BMT Wind Tunnel Product and Services

Table 81. BMT Wind Tunnel Sales Quantity (K Units), Average Price (USD/Unit),

Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 82. BMT Recent Developments/Updates

Table 83. Force Technology Basic Information, Manufacturing Base and Competitors

Table 84. Force Technology Major Business

Table 85. Force Technology Wind Tunnel Product and Services

Table 86. Force Technology Wind Tunnel Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 87. Force Technology Recent Developments/Updates

Table 88. Windtech Consultants Basic Information, Manufacturing Base and Competitors

Table 89. Windtech Consultants Major Business

Table 90. Windtech Consultants Wind Tunnel Product and Services

Table 91. Windtech Consultants Wind Tunnel Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 92. Windtech Consultants Recent Developments/Updates

Table 93. Calspan Basic Information, Manufacturing Base and Competitors

Table 94. Calspan Major Business

Table 95. Calspan Wind Tunnel Product and Services

Table 96. Calspan Wind Tunnel Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 97. Calspan Recent Developments/Updates

Table 98. Global Wind Tunnel Sales Quantity by Manufacturer (2019-2024) & (K Units)

Table 99. Global Wind Tunnel Revenue by Manufacturer (2019-2024) & (USD Million)

Table 100. Global Wind Tunnel Average Price by Manufacturer (2019-2024) & (USD/Unit)

Table 101. Market Position of Manufacturers in Wind Tunnel, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2023

Table 102. Head Office and Wind Tunnel Production Site of Key Manufacturer

Table 103. Wind Tunnel Market: Company Product Type Footprint

Table 104. Wind Tunnel Market: Company Product Application Footprint

Table 105. Wind Tunnel New Market Entrants and Barriers to Market Entry

Table 106. Wind Tunnel Mergers, Acquisition, Agreements, and Collaborations

Table 107. Global Wind Tunnel Sales Quantity by Region (2019-2024) & (K Units)

Table 108. Global Wind Tunnel Sales Quantity by Region (2025-2030) & (K Units)

Table 109. Global Wind Tunnel Consumption Value by Region (2019-2024) & (USD Million)

Table 110. Global Wind Tunnel Consumption Value by Region (2025-2030) & (USD Million)

Table 111. Global Wind Tunnel Average Price by Region (2019-2024) & (USD/Unit)

Table 112. Global Wind Tunnel Average Price by Region (2025-2030) & (USD/Unit)

Table 113. Global Wind Tunnel Sales Quantity by Type (2019-2024) & (K Units)

Table 114. Global Wind Tunnel Sales Quantity by Type (2025-2030) & (K Units)

Table 115. Global Wind Tunnel Consumption Value by Type (2019-2024) & (USD Million)

Table 116. Global Wind Tunnel Consumption Value by Type (2025-2030) & (USD Million)

Table 117. Global Wind Tunnel Average Price by Type (2019-2024) & (USD/Unit)

Table 118. Global Wind Tunnel Average Price by Type (2025-2030) & (USD/Unit)

Table 119. Global Wind Tunnel Sales Quantity by Application (2019-2024) & (K Units)

Table 120. Global Wind Tunnel Sales Quantity by Application (2025-2030) & (K Units)

Table 121. Global Wind Tunnel Consumption Value by Application (2019-2024) & (USD Million)

Table 122. Global Wind Tunnel Consumption Value by Application (2025-2030) & (USD Million)

Table 123. Global Wind Tunnel Average Price by Application (2019-2024) & (USD/Unit)

Table 124. Global Wind Tunnel Average Price by Application (2025-2030) & (USD/Unit)

Table 125. North America Wind Tunnel Sales Quantity by Type (2019-2024) & (K Units)

Table 126. North America Wind Tunnel Sales Quantity by Type (2025-2030) & (K Units)

Table 127. North America Wind Tunnel Sales Quantity by Application (2019-2024) & (K Units)

Table 128. North America Wind Tunnel Sales Quantity by Application (2025-2030) & (K Units)

Table 129. North America Wind Tunnel Sales Quantity by Country (2019-2024) & (K Units)

Table 130. North America Wind Tunnel Sales Quantity by Country (2025-2030) & (K Units)

Table 131. North America Wind Tunnel Consumption Value by Country (2019-2024) & (USD Million)

Table 132. North America Wind Tunnel Consumption Value by Country (2025-2030) & (USD Million)

Table 133. Europe Wind Tunnel Sales Quantity by Type (2019-2024) & (K Units)

Table 134. Europe Wind Tunnel Sales Quantity by Type (2025-2030) & (K Units)

Table 135. Europe Wind Tunnel Sales Quantity by Application (2019-2024) & (K Units)

Table 136. Europe Wind Tunnel Sales Quantity by Application (2025-2030) & (K Units)

Table 137. Europe Wind Tunnel Sales Quantity by Country (2019-2024) & (K Units)

Table 138. Europe Wind Tunnel Sales Quantity by Country (2025-2030) & (K Units)

Table 139. Europe Wind Tunnel Consumption Value by Country (2019-2024) & (USD Million)

Table 140. Europe Wind Tunnel Consumption Value by Country (2025-2030) & (USD Million)

Table 141. Asia-Pacific Wind Tunnel Sales Quantity by Type (2019-2024) & (K Units)

Table 142. Asia-Pacific Wind Tunnel Sales Quantity by Type (2025-2030) & (K Units)

Table 143. Asia-Pacific Wind Tunnel Sales Quantity by Application (2019-2024) & (K Units)

Table 144. Asia-Pacific Wind Tunnel Sales Quantity by Application (2025-2030) & (K Units)

Table 145. Asia-Pacific Wind Tunnel Sales Quantity by Region (2019-2024) & (K Units)

Table 146. Asia-Pacific Wind Tunnel Sales Quantity by Region (2025-2030) & (K Units)

Table 147. Asia-Pacific Wind Tunnel Consumption Value by Region (2019-2024) & (USD Million)

Table 148. Asia-Pacific Wind Tunnel Consumption Value by Region (2025-2030) & (USD Million)

Table 149. South America Wind Tunnel Sales Quantity by Type (2019-2024) & (K Units)

Table 150. South America Wind Tunnel Sales Quantity by Type (2025-2030) & (K Units)

Table 151. South America Wind Tunnel Sales Quantity by Application (2019-2024) & (K Units)

Table 152. South America Wind Tunnel Sales Quantity by Application (2025-2030) & (K Units)

Table 153. South America Wind Tunnel Sales Quantity by Country (2019-2024) & (K Units)

Table 154. South America Wind Tunnel Sales Quantity by Country (2025-2030) & (K Units)

Table 155. South America Wind Tunnel Consumption Value by Country (2019-2024) & (USD Million)

Table 156. South America Wind Tunnel Consumption Value by Country (2025-2030) & (USD Million)

Table 157. Middle East & Africa Wind Tunnel Sales Quantity by Type (2019-2024) & (K Units)

Table 158. Middle East & Africa Wind Tunnel Sales Quantity by Type (2025-2030) & (K Units)

Table 159. Middle East & Africa Wind Tunnel Sales Quantity by Application (2019-2024) & (K Units)

Table 160. Middle East & Africa Wind Tunnel Sales Quantity by Application (2025-2030) & (K Units)

Table 161. Middle East & Africa Wind Tunnel Sales Quantity by Region (2019-2024) & (K Units)

Table 162. Middle East & Africa Wind Tunnel Sales Quantity by Region (2025-2030) &

(K Units)

Table 163. Middle East & Africa Wind Tunnel Consumption Value by Region  
(2019-2024) & (USD Million)

Table 164. Middle East & Africa Wind Tunnel Consumption Value by Region  
(2025-2030) & (USD Million)

Table 165. Wind Tunnel Raw Material

Table 166. Key Manufacturers of Wind Tunnel Raw Materials

Table 167. Wind Tunnel Typical Distributors

Table 168. Wind Tunnel Typical Customers

## List Of Figures

### LIST OF FIGURES

Figure 1. Wind Tunnel Picture

Figure 2. Global Wind Tunnel Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Figure 3. Global Wind Tunnel Consumption Value Market Share by Type in 2023

Figure 4. Vertical Examples

Figure 5. Horizontal Examples

Figure 6. Global Wind Tunnel Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Figure 7. Global Wind Tunnel Consumption Value Market Share by Application in 2023

Figure 8. Aerospace & Defense Examples

Figure 9. Transportation Examples

Figure 10. Racing Championship Examples

Figure 11. Building Construction & Wind Energy Examples

Figure 12. Adventure Sports Skydiving Examples

Figure 13. Training & Simulation Examples

Figure 14. Global Wind Tunnel Consumption Value, (USD Million): 2019 & 2023 & 2030

Figure 15. Global Wind Tunnel Consumption Value and Forecast (2019-2030) & (USD Million)

Figure 16. Global Wind Tunnel Sales Quantity (2019-2030) & (K Units)

Figure 17. Global Wind Tunnel Average Price (2019-2030) & (USD/Unit)

Figure 18. Global Wind Tunnel Sales Quantity Market Share by Manufacturer in 2023

Figure 19. Global Wind Tunnel Consumption Value Market Share by Manufacturer in 2023

Figure 20. Producer Shipments of Wind Tunnel by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2023

Figure 21. Top 3 Wind Tunnel Manufacturer (Consumption Value) Market Share in 2023

Figure 22. Top 6 Wind Tunnel Manufacturer (Consumption Value) Market Share in 2023

Figure 23. Global Wind Tunnel Sales Quantity Market Share by Region (2019-2030)

Figure 24. Global Wind Tunnel Consumption Value Market Share by Region (2019-2030)

Figure 25. North America Wind Tunnel Consumption Value (2019-2030) & (USD Million)

Figure 26. Europe Wind Tunnel Consumption Value (2019-2030) & (USD Million)

Figure 27. Asia-Pacific Wind Tunnel Consumption Value (2019-2030) & (USD Million)

Figure 28. South America Wind Tunnel Consumption Value (2019-2030) & (USD Million)



Figure 29. Middle East & Africa Wind Tunnel Consumption Value (2019-2030) & (USD Million)

Figure 30. Global Wind Tunnel Sales Quantity Market Share by Type (2019-2030)

Figure 31. Global Wind Tunnel Consumption Value Market Share by Type (2019-2030)

Figure 32. Global Wind Tunnel Average Price by Type (2019-2030) & (USD/Unit)

Figure 33. Global Wind Tunnel Sales Quantity Market Share by Application (2019-2030)

Figure 34. Global Wind Tunnel Consumption Value Market Share by Application (2019-2030)

Figure 35. Global Wind Tunnel Average Price by Application (2019-2030) & (USD/Unit)

Figure 36. North America Wind Tunnel Sales Quantity Market Share by Type (2019-2030)

Figure 37. North America Wind Tunnel Sales Quantity Market Share by Application (2019-2030)

Figure 38. North America Wind Tunnel Sales Quantity Market Share by Country (2019-2030)

Figure 39. North America Wind Tunnel Consumption Value Market Share by Country (2019-2030)

Figure 40. United States Wind Tunnel Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 41. Canada Wind Tunnel Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 42. Mexico Wind Tunnel Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 43. Europe Wind Tunnel Sales Quantity Market Share by Type (2019-2030)

Figure 44. Europe Wind Tunnel Sales Quantity Market Share by Application (2019-2030)

Figure 45. Europe Wind Tunnel Sales Quantity Market Share by Country (2019-2030)

Figure 46. Europe Wind Tunnel Consumption Value Market Share by Country (2019-2030)

Figure 47. Germany Wind Tunnel Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 48. France Wind Tunnel Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 49. United Kingdom Wind Tunnel Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 50. Russia Wind Tunnel Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 51. Italy Wind Tunnel Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 52. Asia-Pacific Wind Tunnel Sales Quantity Market Share by Type (2019-2030)

Figure 53. Asia-Pacific Wind Tunnel Sales Quantity Market Share by Application (2019-2030)

Figure 54. Asia-Pacific Wind Tunnel Sales Quantity Market Share by Region (2019-2030)

Figure 55. Asia-Pacific Wind Tunnel Consumption Value Market Share by Region (2019-2030)

Figure 56. China Wind Tunnel Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 57. Japan Wind Tunnel Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 58. Korea Wind Tunnel Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 59. India Wind Tunnel Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 60. Southeast Asia Wind Tunnel Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 61. Australia Wind Tunnel Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 62. South America Wind Tunnel Sales Quantity Market Share by Type (2019-2030)

Figure 63. South America Wind Tunnel Sales Quantity Market Share by Application (2019-2030)

Figure 64. South America Wind Tunnel Sales Quantity Market Share by Country (2019-2030)

Figure 65. South America Wind Tunnel Consumption Value Market Share by Country (2019-2030)

Figure 66. Brazil Wind Tunnel Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 67. Argentina Wind Tunnel Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 68. Middle East & Africa Wind Tunnel Sales Quantity Market Share by Type (2019-2030)

Figure 69. Middle East & Africa Wind Tunnel Sales Quantity Market Share by Application (2019-2030)

Figure 70. Middle East & Africa Wind Tunnel Sales Quantity Market Share by Region (2019-2030)

Figure 71. Middle East & Africa Wind Tunnel Consumption Value Market Share by Region (2019-2030)



Figure 72. Turkey Wind Tunnel Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 73. Egypt Wind Tunnel Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 74. Saudi Arabia Wind Tunnel Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 75. South Africa Wind Tunnel Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 76. Wind Tunnel Market Drivers

Figure 77. Wind Tunnel Market Restraints

Figure 78. Wind Tunnel Market Trends

Figure 79. Porters Five Forces Analysis

Figure 80. Manufacturing Cost Structure Analysis of Wind Tunnel in 2023

Figure 81. Manufacturing Process Analysis of Wind Tunnel

Figure 82. Wind Tunnel Industrial Chain

Figure 83. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 84. Direct Channel Pros & Cons

Figure 85. Indirect Channel Pros & Cons

Figure 86. Methodology

Figure 87. Research Process and Data Source

## I would like to order

Product name: Global Wind Tunnel Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

Product link: <https://marketpublishers.com/r/G2783BF00D9GEN.html>

Price: US\$ 3,480.00 (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/G2783BF00D9GEN.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

