

# Global Flight Ice Protection System Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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## Abstracts

According to our (Global Info Research) latest study, the global Flight Ice Protection System market size was valued at US\$ 3805 million in 2024 and is forecast to a readjusted size of USD 6014 million by 2031 with a CAGR of 6.8% during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

Aircraft anti-icing devices refer to equipment that prevents certain protruding parts of the aircraft from icing or can effectively remove ice when ice forms. Ice on the leading edge of the wing and tail, or on the leading edge of the propeller, the leading edge of the air inlet, and the cockpit windshield can make flight dangerous in serious cases. For example, ice on the leading edge of the wing and tail may change the shape of the wing section, reduce lift, increase drag, and even make flight control difficult and unstable. Ice on other parts will also bring various difficulties. For this reason, anti-icing equipment should be installed in parts that are prone to icing.

According to research data from the company's 'Construction Machinery Research Center', the total sales of the top 50 global construction machinery manufacturers will reach US\$230 billion in 2022. Asian companies have an absolute advantage, accounting for 50% of sales revenue, followed by Europe. Sales revenue accounted for 26%, and North America accounted for 23%. The construction machinery of the world's top 50 main engine manufacturing companies sold approximately 1.2 million units of construction machinery and equipment in 2021, with sales increasing by 9%. China is currently the world's largest factory machinery market. In 2022, the sales of construction

machinery companies will account for 24% of total sales, making it the country with the highest proportion. According to data from the China Machinery Industry Federation, the operating income of the construction machinery industry in 2022 will drop by more than 12%. The operating income of China's construction machinery industry in 2022 will be 797.7 billion yuan. China's annual export volume will reach 44.3 billion US dollars, with a net increase in export volume in two years. amounted to US\$23.3 billion.

This report is a detailed and comprehensive analysis for global Flight Ice Protection System market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

#### Key Features:

Global Flight Ice Protection System market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Flight Ice Protection System market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Flight Ice Protection System market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Flight Ice Protection System market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2020-2025

#### The Primary Objectives in This Report Are:

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for Flight Ice Protection System
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global Flight Ice Protection System market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include CAV Aerospace Limited, Cox & Company, Inc., Safran, GKN AEROSPACE, HUTCHINSON, Ice Shield De-icing Systems, ITT INC, Liebherr, McCauley Propeller Systems, MESIT, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

### Market Segmentation

Flight Ice Protection System market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

#### Market segment by Type

Mechanical De-icing System

Electric Pulse Anti-icing System

Liquid Anti-icing System

Hot Air Anti-icing System

Electric Heating Anti-icing System

#### Market segment by Application

Commercial Aircraft

Fighter

Fire Plane

Others

## Major players covered

CAV Aerospace Limited

Cox & Company, Inc.

Safran

GKN AEROSPACE

HUTCHINSON

Ice Shield De-icing Systems

ITT INC

Liebherr

McCauley Propeller Systems

MESIT

THERMOCOAX

UTC Aerospace Systems

Ultra Electronics Controls

UBIQ Aerospace

TDG Aerospace

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 Flight Ice Protection System product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Flight Ice Protection System, with price, sales quantity, revenue, and global market share of Flight Ice Protection System from 2020 to 2025.

Chapter 3, the Flight Ice Protection System competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Flight Ice Protection System breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

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 2020 to 2025. and Flight Ice Protection System market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

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 Flight Ice Protection System.

Chapter 14 and 15, to describe Flight Ice Protection System sales channel, distributors, customers, research findings and conclusion.

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