

Global Duct Inspection and Cleaning Robot Market Growth 2025-2031

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Abstracts

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The global Duct Inspection and Cleaning Robot market size is predicted to grow from US\$ 536 million in 2025 to US\$ 802 million in 2031; it is expected to grow at a CAGR of 7.0% from 2025 to 2031.

Duct inspection and cleaning robot is a professional robot for duct cleaning and inspection. The most productive option for industrial, residential and commercial cleaning and critical for hazardous duct work. Generally, it includes brush cleaning module, air jetting module and video surveillance module. In addition, some cleaning robots are also equipped with an automatic lifting module to freely control its lifting. The equipped traction track allows the cleaning robot to move freely on a certain slope, some are 30 degrees, some are 45 degrees, and some even reach higher angles. In general, duct inspection and cleaning robot liberates people's hands and greatly improves people's work efficiency. Throughout the entire market, more and more robot companies have begun to research and develop duct inspection and cleaning robots, and the market has huge profit potential.

United States market for Duct Inspection and Cleaning Robot is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

China market for Duct Inspection and Cleaning Robot is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Europe market for Duct Inspection and Cleaning Robot is estimated to increase from

US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Global key Duct Inspection and Cleaning Robot players cover Robotics Design Inc., Danduct Clean, Robosoft Systems, Biovac System, Lifa Air, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2024.

LP Information, Inc. (LPI) ' newest research report, the "Duct Inspection and Cleaning Robot Industry Forecast" looks at past sales and reviews total world Duct Inspection and Cleaning Robot sales in 2024, providing a comprehensive analysis by region and market sector of projected Duct Inspection and Cleaning Robot sales for 2025 through 2031. With Duct Inspection and Cleaning Robot sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Duct Inspection and Cleaning Robot industry.

This Insight Report provides a comprehensive analysis of the global Duct Inspection and Cleaning Robot landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Duct Inspection and Cleaning Robot portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Duct Inspection and Cleaning Robot market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Duct Inspection and Cleaning Robot and breaks down the forecast by Pipe Diameter, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Duct Inspection and Cleaning Robot.

This report presents a comprehensive overview, market shares, and growth opportunities of Duct Inspection and Cleaning Robot market by product type, application, key manufacturers and key regions and countries.

Segmentation by Pipe Diameter:

250mm - 500mm

> 500mm

Segmentation by Application:

Commercial

Industrial

Residential

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Robotics Design Inc.

Danduct Clean

Robosoft Systems

Biovac System

Lifa Air

Anhui Kuaitong

Teinnova

Zhengzhou Defy Mechanical & Electrical Equipment Co., Ltd.

Smartclima

Milagro HumanTech

Key Questions Addressed in this Report

What is the 10-year outlook for the global Duct Inspection and Cleaning Robot market?

What factors are driving Duct Inspection and Cleaning Robot market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Duct Inspection and Cleaning Robot market opportunities vary by end market size?

How does Duct Inspection and Cleaning Robot break out by Pipe Diameter, by Application?

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