

Target Drone Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

Market Overview:

The global target drone market size reached US\$ 5.1 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 7.5 Billion by 2028, exhibiting a growth rate (CAGR) of 6.3% during 2023-2028.

A target drone, also known as an unmanned aerial target (UAT), is an autonomous or remotely piloted aerial vehicle used as a shooting target during military exercises and weapon testing. It can simulate aerial, ground, and sea targets by imitating unmanned aerial vehicles (UAVs), cruise missiles, and enemy tactical aircraft. Target drone is widely used to develop and test military systems, train military crew on threat identification, conduct counter-artillery operations, and perform destruction tests on decoys that simulate the behavior of real threats. It is a cost-effective solution that assists in the battle preparation of defense forces by improving the reliability and performance of various weapons, training, and roles.

Target Drone Market Trends:

The increasing emphasis on enhanced military training across the globe is creating a positive outlook for the market. Target drone is widely used to replicate the most challenging defense scenarios, such as air strikes, asymmetric threats, missile engagements, fighter aircraft, split target scenarios, and fast incoming attack crafts (FIAC). Furthermore, increasing product adoption due to rising defense expenditure on the procurement of modern defense systems is providing an impetus to the market growth. Additionally, the introduction of supersonic target drones for applications in electronic assaults, electronic support, decoy missions, and training surface warship



crew to detect and defeat incoming supersonic anti-ship missiles is facilitating the market growth. In line with this, emerging trends of full-scale conversion of retired fighter aircraft into target drones for replicating real-time war scenarios are acting as another growth-inducing factor. Moreover, increasing product utilization to provide necessary training to security forces for countering cross-border terrorism, drone attacks, and smuggling activities are providing a considerable boost to the market growth. Other factors, including surging territorial conflicts between several countries, extensive research and development (R&D) activities, and implementation of various government initiatives to manufacture drones to safeguard borders and people from evolving nature of threats, are anticipated to drive the market growth.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global target drone market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on fit type, engine type, mode of operation, application and end use.

Breakup by Fit Type:

Line Fit

Retro Fit

Breakup by Engine Type:

Internal Combustion Engine

Jet Engine

Others

Breakup by Mode of Operation:

Autonomous

Remotely Piloted

Breakup by Application:



Combat Training

Target and Decoy

Target Identification

Target Acquisition

Others

Breakup by End Use:

Defense

Commercial

Breakup by Region:

North America

United States

Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia



| Others |
|------------------------|
| Europe |
| Germany |
| France |
| United Kingdom |
| Italy |
| Spain |
| Russia |
| Others |
| Latin America |
| Brazil |
| Mexico |
| Others |
| Middle East and Africa |

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Air Affairs Australia, Airbus SE, Denel Dynamics, Embention, Griffon Aerospace, Kratos Defense & Security Solutions Inc., Leonardo S.p.A., Lockheed Martin Corporation, Northrop Grumman Corporation, QinetiQ and Saab AB.

Key Questions Answered in This Report:

How has the global target drone market performed so far and how will it perform in the



coming years?

What has been the impact of COVID-19 on the global target drone market? What are the key regional markets? What is the breakup of the market based on the fit type? What is the breakup of the market based on the engine type? What is the breakup of the market based on the mode of operation? What is the breakup of the market based on the application? What is the breakup of the market based on the end use? What are the various stages in the value chain of the industry? What are the key driving factors and challenges in the industry? What is the structure of the global target drone market and who are the key players? What is the degree of competition in the industry?



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