

Global Veterinary 3D Printing Market Size Study, by Product (Implants, Prosthetics & Orthotics), by Animal (Dogs, Cats), by Application (Orthopedics), by Material (Metals, Ceramics, Polymers), by End-use and Regional Forecasts 2022-2032

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Abstracts

The Global Veterinary 3D Printing Market is valued at approximately USD 102.45 million in 2023 and is projected to grow with a robust CAGR of 9.82% over the forecast period 2024-2032. The market is witnessing unprecedented expansion, driven by the increasing adoption of 3D printing technologies in veterinary medicine. This revolutionary technology facilitates the creation of customized implants, prosthetics, and orthotic devices tailored to individual animals, ensuring superior treatment outcomes. The integration of biocompatible materials and advanced printing techniques enhances the precision and durability of these solutions, revolutionizing patient care in veterinary orthopedics.

The surge in pet ownership, coupled with the growing demand for advanced medical treatments for companion animals, is significantly fueling market growth. Veterinary professionals and pet owners alike are increasingly recognizing the benefits of 3D-printed medical solutions, which allow for personalized and minimally invasive interventions. Furthermore, technological advancements in 3D printing, including improvements in material science and the incorporation of artificial intelligence-driven modeling, are expediting the adoption of these solutions. However, the high costs associated with 3D printing equipment and materials, coupled with a lack of skilled professionals in the veterinary sector, pose challenges that could slightly impede market expansion.

Regionally, North America dominates the veterinary 3D printing market, primarily due to

the well-established veterinary healthcare infrastructure, high pet adoption rates, and strong investment in research and development. The presence of leading market players and a supportive regulatory framework further bolster the region's market growth. Meanwhile, Europe is also witnessing substantial growth, driven by increased awareness of veterinary healthcare advancements and rising expenditure on pet medical treatments. The Asia Pacific region is expected to exhibit the fastest growth rate over the forecast period, attributed to the rising disposable income, increasing pet ownership, and expanding veterinary clinics offering innovative treatment options.

Major market players included in this report are:

3D Systems Corporation

Desktop Metal, Inc.

Stratasys Ltd.

Materialise NV

Cyfuse Biomedical K.K.

Shining 3D

EOS GmbH

Medprin Biotech GmbH

CollPlant Biotechnologies Ltd.

Renishaw PLC

Bego Medical GmbH

Carbon, Inc.

The Bio Convergence Company

Anatomics Pty Ltd

Exone GmbH

The detailed segments and sub-segments of the market are explained below:

By Product:

Implants

Prosthetics & Orthotics

By Animal:

Dogs

Cats

By Application:

Orthopedics

By Material:

Metals

Ceramics

Polymers

By End-use:

Veterinary Clinics

Animal Hospitals

Research Institutes

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

RoMEA

Years considered for the study are as follows:

Historical Year – 2022

Base Year – 2023

Forecast Period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional-level analysis for each market segment.

Detailed geographical landscape with country-level analysis of major regions.

Competitive landscape with information on key players in the market.

Analysis of key business strategies and recommendations for future market

approaches.

Examination of the competitive structure of the market.

Demand-side and supply-side analysis of the market.

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