

Global Digital Servo Press Market Size study & Forecast, by Force Range (Less than 100KN, 100KN-200KN, and More than 200KN), Application (Automotive, Aerospace, and Electronics) and Regional Analysis, 2023-2030

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Abstracts

Global Digital Servo Press Market is valued at approximately USD XX billion in 2022 and is anticipated to grow with a healthy growth rate of more than XX% during the forecast period 2023-2030. The servo press machine is utilized for shaping sheet metals with limited formability. Digital servo presses machines boast functionalities akin to those of high-end actuators. They incorporate components such as signal amplifiers, controllers, and active motor cooling, alongside dedicated software, enabling precise closed-loop control over both position and force. The drive mechanism of these presses varies depending on the model, with options including either gearbox-driven or direct servomotor-driven setups. In essence, a digital servo press encompasses the same components as a high-end actuator, supplemented by active motor cooling, signal amplifiers, and a controller equipped with specialized software to ensure accurate closed-loop control of force and position. The market growth is driven by key factors such as an increase in automotive and electronics expenditures, an increase in spending on the general industry, and retrofitting & renovation of old technology.

There has been a significant uptick in automotive and electronics expenditures. Industries within these sectors are allocating substantial resources towards research, development, and production, fueling advancements in technology and product offerings. For instance, the proportion of auto-electronic components within vehicles is experiencing steady growth worldwide, driven by various factors. Forecasts indicate that the global market for automotive electronics is set to expand at a Compound Annual Growth Rate (CAGR) of 8–10%, reaching a valuation between USD 540–650 billion by

2032, up from USD 250 billion in 2022. This growth trajectory is propelled by the increasing integration of electronics in vehicles across various functionalities. Also, Original Equipment Manufacturers (OEMs) are anticipated to dominate this market, accounting for approximately 70-75% of the share, primarily due to the prevalence of factory-fitted electronics in vehicles. As automobiles continue to incorporate a broader array of electronic systems spanning different areas, the significance of OEMs in supplying these components is expected to remain robust. Simultaneously, there is a general increase in spending across the broader industrial landscape. This heightened investment spans various sectors, reflecting a growing confidence in economic prospects and the pursuit of strategic growth opportunities. global spending on research and development (R&D) has shown a consistent upward trend, poised to reach nearly 2.5 trillion purchasing power parity U.S. dollars in 2022. Leading contributors to this expenditure include the United States, China, Japan, and Germany, with the U.S. anticipated to allocate approximately USD 679.4 billion towards R&D expenses during 2022. Within the automotive sector, R&D spending was forecast to surpass USD 124 billion in 2022, primarily driven by investments originating from the United States. Manufacturers' heightened emphasis on electric vehicles, connected vehicles, and autonomous driving technologies underscores the sustained investment in R&D within the automotive industry. However, high initial setup costs and high experts in the manufacturing process stifle market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Digital Servo Press Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. Asia Pacific is leading the overall market share of the Digital Servo Press Market and is expected to be the fastest growing during the forecast years. Factors supporting the growth are growing electrical and electronics manufacturing and accelerating the sale of digital servo press for progressive forming applications.

Major market player included in this report are:

Intelligent Actuator

Janome Industrial Equipment USA Inc.

Promess Incorporated

Kistler Group

Tox Pressotechnik

THK Co. Ltd

Soress World Ltd

FEC International

Sintokogio Ltd

C and M Robotics Co. Ltd

Global Digital Servo Press Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered – Range Force, Application, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving

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factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Range Force:

Less than 100KN

100KN - 200KN

More than 200KN

By Application:

Automotive

Aerospace

Electronics

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

Rest of Middle East & Africa

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