

Global Isostatic Pressing Market Size study, by Type (HIP, CIP), by Offering (System, Service), by Capacity (Small-sized HIP, Medium-sized HIP, Large-sized HIP), by Process (Wet Bag Pressing, Dry Bag Pressing), by End-User (Manufacturing, Automotive, Electronics & Semiconductor, Medical, Aerospace & Defence, Energy & Power, Research & Development) and Regional Forecasts 2021-2027

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Abstracts

Global Isostatic Pressing Market is valued approximately USD 6.73 billion in 2020 and is anticipated to grow with a healthy growth rate of more than 8.5% over the forecast period 2021-2027.

Isostatic pressing is a powder metallurgy (PM) forming process. It includes the use of fluid pressure to modify materials and change it into different form.

Rising demand of products which have short development cycle, surge in the demand of additive manufacturing techniques and growing demand for materials with high intensity and low porosity in 3D printing is driving the growth of market.

In April 2021, Bodycote acquired Ellison Surface Technologies for further expanding and strengthening the engineered coating surface technology services of Bodycote and thermal spray in the world. Also, In February 2021, Bodycote further expanded its facility in Syracuse, North America, with the offering of wide range of heat treatment processes. These include vacuum heat treating, atmospheric carburizing, low-pressure carburizing, carbonitriding, ferritic nitro carburizing, nitriding, and aluminium heat treating.

High initial investments and professional workforce to operate the process is hampering the growth of the market. However, rising demand for low-cost titanium alloys in

automotive sector, surge in the need for low-cost medical applications in healthcare industry and increasing investments by players from aerospace & defence industry in installation of HIP units brings the great opportunities for the growth of market in forthcoming period.

The regional analysis of Global Isostatic Pressing Market is considered for the key regions such as Asia Pacific, North America, Europe, Latin America and Rest of the World. North America is the dominating region and has top producers of powder metallurgy (PM) products worldwide. In addition, the region continues to play a major role in system design and advanced semiconductor manufacturing. Increment in the need for densified, reliable, and long-lasting products because of the high investments in the technology-driven industries and technological innovations in the aerospace & defence sector by government. These factors result in the high penetration of products manufactured by isostatic pressing in various industries, such as automotive, aerospace & defence, and semiconductor & electronics, in this region.

Major market player included in this report are:

- Kobe Steel
- Bodycote
- Kennametal
- Frey & Co.
- Nikkiso
- American Isostatic Presses
- Engineered Pressure Systems
- Pressure Technology
- Isostatic Pressing Services
- Sandvik Powder AB

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 eight years. The report is designed to incorporate both qualitative and quantitative aspects of the Industrial within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available 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 Type:

HIP

CIP

By Offering:

Service

System

By Capacity:

Small-sized HIP

Medium-sized HIP

Large-sized HIP

By Process:

Wet Bag Pressing

Dry Bag Pressing

By End-user:

Manufacturing

Automotive

Electronics & Semiconductor

Medical

Aerospace & Defence

Energy & Power

Research & Development

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoASIA PACIFIC

Latin America
Brazil
Mexico
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019
Base year – 2020
Forecast period – 2021 to 2027

Target Audience of the Global Isostatic Pressing Market in Market Study:

Key Consulting Companies & Advisors
Large, medium-sized, and small enterprises
Venture capitalists
Value-Added Resellers (VARs)
Third-party knowledge providers
Investment bankers
Investors

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