

2024 Manufacturing Research Review

Market Research Report | 2025-03-05 | 112 pages | BCC Research

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Report description:

Description

Research Review Scope

Cutting-edge technologies such as AI (Artificial Intelligence), ML (Machine Learning), 3D Printing, IoT (Internet of Things), and others have created a bundle of opportunities for industrial companies in the manufacturing sector. For example, using 3D printing or additive manufacturing, industrial companies can design and develop complex and more efficient components of heavy machinery quickly. Such advanced technologies are helping companies to automate their production processes and achieve the anticipated results. On the other hand, growing awareness of smart products and government support are creating lucrative business opportunities for smart products, such as smart smoke and flame detectors, in the industrial sectors.

Currently, industrial equipment manufacturers are prioritizing offering intelligent, efficient, and sustainable solutions to cater to the demands of consumers and contribute to a sustainable planet. For example, instant smart water heaters heat the water based on consumer demand or requirement, eliminating water wastages and electricity waste. Similarly, industry 4.0 has rapidly accelerated the demand for semiconductor chip-driven devices. After the semiconductor chip shortage, many countries are spending billions of dollars to build a strong semiconductor supply chain in their home countries worldwide.

Research Reviews from BCC Research provide market professionals with concise market coverage within a specific research category. This 2024 Research Review of manufacturing provides a sampling of the type of quantitative market information, analysis, and guidance that BCC Research has been developing since its inception in 1971 to help its customers make informed business decisions. This Research Review includes highlights and excerpts from the following reports published by BCC Research in 2024:

- MFG091A Water Heater: Global Markets.
- MFG074C Global Markets for 3D Printing.
- MFG092A Global Flame and Smoke Detectors Markets.
- MFG067B Semiconductor Machinery Manufacturing: Global Markets

After you survey the excerpts in this Research Review, we encourage you to follow up on these topics by checking out the full

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market research reports associated with each topic. BCC Research looks forward to serving your market intelligence needs in the future.

Executive Summary

Summary:

- The global market for water heaters is expected to grow from \$24.9 billion in 2024 to reach \$32.1 billion by the end of 2029, at a compound annual growth rate (CAGR) of 5.2% from 2024 through 2029.
- The global market for 3D printing is expected to grow from \$18.0 billion in 2024 and to reach \$29.4 billion by 2029, at a CAGR of 10.2% from 2024 through 2029.
- The global market for flame and smoke detectors is expected to grow from \$6.6 billion in 2024 to reach \$9.0 billion by 2029, at a CAGR of 6.4% from 2024 through 2029.

Cutting-edge technologies such as AI (Artificial Intelligence), ML (Machine Learning), 3D Printing, IoT (Internet of Things), and others have created a bundle of opportunities for industrial companies in the manufacturing sector. For example, using 3D printing or additive manufacturing, industrial companies can design and develop complex and more efficient components of heavy machinery quickly. Such advanced technologies are helping companies to automate their production processes and achieve the anticipated results. On the other hand, growing awareness of smart products and government support are creating lucrative business opportunities for smart products, such as smart smoke and flame detectors, in the industrial sectors.

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