

Global Industrial 3D Printing Gases Market - 2024-2032

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Abstracts

The Global Industrial 3D Printing Gases Market was valued at US\$ 19.33 billion in 2024 and is anticipated to reach US\$ 103.93 billion by 2032, at a CAGR of 0.234 from 2026 to 2032.

The report delivers in-depth insights into key market dynamics, including regional growth trends, market segmentation, CAGR projections, and the revenue performance of leading industry players. It also highlights major growth drivers shaping the market landscape. Designed to provide a clear and comprehensive perspective, the report offers a detailed view of the current market size in terms of both value and volume, along with emerging opportunities and the overall development outlook of the Global Industrial 3D Printing Gases Market.

This report delivers a comprehensive overview of the Global Industrial 3D Printing Gases Market, with both quantitative and qualitative analyses, to help readers develop growth strategies, assess the competitive landscape, evaluate their position in the current market, and make informed business decisions regarding Global Industrial 3D Printing Gases Market. The Global Industrial 3D Printing Gases Market size, estimates, and forecasts are provided in terms of output/shipments (K MT) and revenue (US\$ millions), with 2025 as the base year and historical and forecast data for 2024–2032.

Global Industrial 3D Printing Gases Market Scope:

By Gas Type

Argon

Nitrogen

Helium

Hydrogen

Carbon Dioxide

Others

By Purity

Ultra-High-Purity

High-Purity

By Technology

Laser Powder Bed Fusion (LPBF)

Electron Beam Melting (EBM)

Directed Energy Deposition (DED)

Binder-Jetting

Stereolithography / PolyJet / FDM

By Application

Aerospace & Defense

Medical

Automotive

Tooling, Moulds & Industrial Equipment

Academic (Research & Development)

Key Players

Air Liquide

Air Products and Chemicals, Inc.

Airgas

Iwatani Corporation

Linde plc

Matheson (Matheson Tri-Gas)

Messer Group

SOL Group

Taiyo Nippon Sanso (TNSC)

Major Highlights

This report delivers a comprehensive overview of the Global Industrial 3D Printing Gases Market, with both quantitative and qualitative analyses, to help readers develop growth strategies, assess the competitive landscape, evaluate their position in the current market, and make informed business decisions regarding Global Industrial 3D Printing Gases Market. The Global Industrial 3D Printing Gases Market size, estimates, and forecasts are provided in terms of output/shipments (K Sqm) and revenue (US\$ millions), with 2025 as the base year and historical and forecast data for 2024–2032.

This report will assist keyword manufacturers, new entrants, and companies across the industry value chain with information on revenues, production, and average prices for the overall market and its sub-segments, by company, by Type, by Application, and by region.

Regional Analysis:

North America (U.S., Canada, Mexico)

Europe (U.K., Italy, Germany, Russia, France, Spain, The Netherlands and Rest of Europe)

Asia-Pacific (India, Japan, China, South Korea, Australia, Indonesia Rest of Asia Pacific)

South America (Colombia, Brazil, Argentina, Rest of South America)

Middle East & Africa (Saudi Arabia, U.A.E., South Africa, Rest of Middle East & Africa)

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Target Audience 2026

Manufacturers/ Buyers

Industry Investors/Investment Bankers

Research Professionals

Emerging Companies

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