

**Metal Cutting Gas Market By Gas Type (Acetylene, Propylene, Natural Gas, Propane, Others), By End Use (Automotive, Aerospace, Building and Construction, Metal and Metal Fabrication, Others): Global Opportunity Analysis and Industry Forecast, 2021-2031**

Market Report | 2022-12-01 | 456 pages | Allied Market Research

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**Report description:**

The global metal cutting gas market was valued at \$2.7 billion in 2021, and is projected to reach \$4.0 billion by 2031, growing at a CAGR of 4.2% from 2022 to 2031.

Metal cutting gases are extensively used in temperature intensive application. With the help of metal cutting gases such as natural gas, propane, acetylene, and others are widely used for cutting and welding applications of metals. Metal cutting gases work under temperature variation ranges owing to which these have a wider age of applications in various end use industries such as aerospace, metal casting, construction, underground subways, and others.???

Increase in the demand from emerging end use industries and robust growth in the production rate of metal cutting gases from leading manufacturers has spurred the chemical industry. For instance, according to an article published by invest India in November 2022, the Average Index of Industrial Production of Manufacturing of chemicals and chemical products in the financial year 2021-2022 is 120.7 and has grown by 4.1%. Acetylene, propylene, and natural gases are extensively produced by leading key players in larges scales owing to their wide range of uses in metal cutting industry. Mainly it is used in welding and cutting metal parts.? This factor is expected to foster the growth of the metal cutting gas market.?

Habitual exposure to metal-cutting gases in the metal fabrication industry will have adverse effects on the workers. In addition, inhalation of small particles of gases will lead to getting cancer, heart, and lung disease, premature death, and others. Moreover, an article published by Interesting Engineering, Inc., oxy-acetylene gas is not suitable for thick and heavy sections of metals and does not have a flux shielding system. In addition, propylene gas is poisoning and has adverse health effects. Furthermore, the depletion of natural gases reservoir is expected to hamper market growth.???

The growing population coupled with an increase in the per capita income of consumers, improvement in the standard of living,

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and rise in the demand for commercial air travel has led the Indian government has set up large orders for aircraft. In addition, air passenger traffic is expected to increase the potential sales of the Indian aviation industry. For instance, according to an article published by Invest India in November 2022, The Indian Civil Aviation MRO market, at present, stands at around \$900 Mn and is anticipated to grow to \$4.33 bn by 2025 increasing at a CAGR (Compound Annual Growth Rate) of about 14-15%. Oxy-acetylene gas is commonly used in joining various aircraft parts, assembling aircraft frames, and others. This is anticipated to increase sales of metal-cutting gas market in the aircraft industry; thus, creating lucrative opportunities for the market.??

The metal cutting gas market is segmented based on gas type, end-use, and region. Based on type, the market is categorized into acetylene, propylene, natural gas, propane, and others. Based on end-use industry, it is divided into automotive, aerospace, building and construction, metal and metal fabrication, and others. Region-wise, the market is studied across North America, Europe, Asia-Pacific, and LAMEA.???

The global metal cutting gas market profiles leading players that include Ador Welding Limited, Bharat Petroleum Corporation Limited, Brothers Gas, ESAB, HACO, Hornet Cutting Systems, Indian Oil Corporation Ltd, LEVSTAL, NISSAN TANAKA CORPORATION, and TotalEnergies.? The global metal cutting gas market report provides in-depth competitive analysis as well as profiles of these major players.??

#### Key Benefits For Stakeholders

- This report provides a quantitative analysis of the market segments, current trends, estimations, and dynamics of the metal cutting gas market analysis from 2021 to 2031 to identify the prevailing metal cutting gas market opportunities.
- The market research is offered along with information related to key drivers, restraints, and opportunities.
- Porter's five forces analysis highlights the potency of buyers and suppliers to enable stakeholders make profit-oriented business decisions and strengthen their supplier-buyer network.
- In-depth analysis of the metal cutting gas market segmentation assists to determine the prevailing market opportunities.
- Major countries in each region are mapped according to their revenue contribution to the global market.
- Market player positioning facilitates benchmarking and provides a clear understanding of the present position of the market players.
- The report includes the analysis of the regional as well as global metal cutting gas market trends, key players, market segments, application areas, and market growth strategies.

#### Key Market Segments

##### By Gas Type

- Acetylene
- Propylene
- Natural Gas
- Propane
- Others

##### By End Use

- Building and Construction
- Metal and Metal Fabrication
- Others
- Automotive
- Aerospace

##### By Region

- North America
- U.S.
- Canada
- Mexico
- Europe
- Germany
- UK

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- Rest of Asia-Pacific
- LAMEA
- Brazil
- Saudi Arabia
- South Africa
- Rest of LAMEA
- Key Market Players
- esab
- TotalEnergies SE
- Hornet Cutting Systems
- Ador Welding Limited
- Bharat Petroleum Corporation Limited
- LEVSTAL
- NISSAN TANAKA CORPORATION
- Indian Oil Corporation Ltd
- haco
- brothers gas

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