

Global S-Type Siliceous Asteroids Mining Market Growth (Status and Outlook) 2024-2030

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Abstracts

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Asteroid mining is a concept that involves the extraction of useful materials from asteroids and near-earth objects, which are useful for propulsion, construction, life support, agriculture, metallurgy, and precious and strategic metals. Volatiles such as hydrogen and methane could be used to produce rocket fuel for transporting spacecraft between the Earth and near-earth objects. Rare-earth metals, such as thulium, scandium, and holmium could be used to manufacture materials as well as solar panels which could be used to power habitats in space. These solar-powered cells could also be used to provide electricity for its inhabitants with satellites specifically designed for this purpose. Iron, nickel and cobalt would serve as fundamental raw materials for building space factories. Precious metals such as platinum, platinum-group metals (PGMs), and gold are also useful. A handful of companies, emerging and existing, will require materials with a high level of purity in large quantities, all of which are readily available in asteroids.

The global S-Type Siliceous Asteroids Mining market size is projected to grow from US\$ 295 million in 2024 to US\$ 924 million in 2030; it is expected to grow at a CAGR of 21.0% from 2024 to 2030.

LPI (LP Information)' newest research report, the "S-Type Siliceous Asteroids Mining Industry Forecast" looks at past sales and reviews total world S-Type Siliceous Asteroids Mining sales in 2022, providing a comprehensive analysis by region and market sector of projected S-Type Siliceous Asteroids Mining sales for 2023 through 2029. With S-Type Siliceous Asteroids Mining sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the

world S-Type Siliceous Asteroids Mining industry.

This Insight Report provides a comprehensive analysis of the global S-Type Siliceous Asteroids Mining landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyses the strategies of leading global companies with a focus on S-Type Siliceous Asteroids Mining portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global S-Type Siliceous Asteroids Mining market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for S-Type Siliceous Asteroids Mining and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global S-Type Siliceous Asteroids Mining.

United States market for S-Type Siliceous Asteroids Mining is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

China market for S-Type Siliceous Asteroids Mining is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Europe market for S-Type Siliceous Asteroids Mining is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Global key S-Type Siliceous Asteroids Mining players cover ConsenSys, Bradford Space, Moon Express, Ispace, Asteroid Mining Corporation, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2023.

This report presents a comprehensive overview, market shares, and growth opportunities of S-Type Siliceous Asteroids Mining market by product type, application, key players and key regions and countries.

Segmentation by Type:

Magnesium Silicate

Iron

Others

Segmentation by Application:

Fuel

Construction

3D Printer

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

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Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

ConsenSys

Bradford Space

Moon Express

Ispace

Asteroid Mining Corporation

Trans Astronautica Corporation

OffWorld

SpaceFab

Boeing

Northrop Grumman Corporation

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