

Global C-Type Carbonaceous 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 C-Type Carbonaceous Asteroids Mining market size is projected to grow from US\$ 1854 million in 2024 to US\$ 5457 million in 2030; it is expected to grow at a CAGR of 19.7% from 2024 to 2030.

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

millions of the world C-Type Carbonaceous Asteroids Mining industry.

This Insight Report provides a comprehensive analysis of the global C-Type Carbonaceous 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 C-Type Carbonaceous Asteroids Mining portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global C-Type Carbonaceous Asteroids Mining market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for C-Type Carbonaceous 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 C-Type Carbonaceous Asteroids Mining.

United States market for C-Type Carbonaceous 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 C-Type Carbonaceous 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 C-Type Carbonaceous 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 C-Type Carbonaceous 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 C-Type Carbonaceous Asteroids Mining market by product type, application, key players and key regions and countries.

Segmentation by Type:

Organic Carbon

Phosphorus

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

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global C-Type Carbonaceous Asteroids Mining Market Size 2025-2030
 - 2.1.2 C-Type Carbonaceous Asteroids Mining Market Size CAGR by Region
- 2.2 C-Type Carbonaceous Asteroids Mining Segment by Type
 - 2.2.1 Organic Carbon
 - 2.2.2 Phosphorus
 - 2.2.3 Others
- 2.3 C-Type Carbonaceous Asteroids Mining Market Size by Type
 - 2.3.1 Global C-Type Carbonaceous Asteroids Mining Market Size Market Share by Type (2025-2030)
 - 2.3.2 Global C-Type Carbonaceous Asteroids Mining Market Size Growth Rate by Type (2025-2030)
- 2.4 C-Type Carbonaceous Asteroids Mining Segment by Application
 - 2.4.1 Fuel
 - 2.4.2 Construction
 - 2.4.3 3D Printer
 - 2.4.4 Others
- 2.5 C-Type Carbonaceous Asteroids Mining Market Size by Application (2025-2030)
 - 2.5.1 Global C-Type Carbonaceous Asteroids Mining Market Size Market Share by Application (2025-2030)
 - 2.5.2 Global C-Type Carbonaceous Asteroids Mining Market Size Growth Rate by Application (2025-2030)

3 C-TYPE CARBONACEOUS ASTEROIDS MINING KEY PLAYERS

- 3.1 Date of Key Players Enter into C-Type Carbonaceous Asteroids Mining
- 3.2 Key Players C-Type Carbonaceous Asteroids Mining Product Offered
- 3.3 Key Players C-Type Carbonaceous Asteroids Mining Funding/Investment Analysis
- 3.4 Funding/Investment
 - 3.4.1 Funding/Investment by Regions
 - 3.4.2 Funding/Investment by End-Industry
- 3.5 Key Players C-Type Carbonaceous Asteroids Mining Valuation & Market Capitalization
- 3.6 Key Players Mergers & Acquisitions, Expansion Plans
- 3.7 Market Ranking
- 3.8 New Product/Technology Launches
- 3.9 Partnerships, Agreements, and Collaborations
- 3.10 Mergers and Acquisitions

4 C-TYPE CARBONACEOUS ASTEROIDS MINING BY REGIONS

- 4.1 C-Type Carbonaceous Asteroids Mining Market Size by Regions (2025-2030)
- 4.2 United States C-Type Carbonaceous Asteroids Mining Market Size Growth (2025-2030)
- 4.3 China C-Type Carbonaceous Asteroids Mining Market Size Growth (2025-2030)
- 4.4 Europe C-Type Carbonaceous Asteroids Mining Market Size Growth (2025-2030)
- 4.5 Rest of World C-Type Carbonaceous Asteroids Mining Market Size Growth (2025-2030)

5 UNITED STATES

- 5.1 United States C-Type Carbonaceous Asteroids Mining Market Size by Type (2025-2030)
- 5.2 United States C-Type Carbonaceous Asteroids Mining Market Size by Application (2025-2030)

6 EUROPE

- 6.1 Europe C-Type Carbonaceous Asteroids Mining Market Size by Type (2025-2030)
- 6.2 Europe C-Type Carbonaceous Asteroids Mining Market Size by Application (2025-2030)

7 CHINA

7.1 China C-Type Carbonaceous Asteroids Mining Market Size by Type (2025-2030)

7.2 China C-Type Carbonaceous Asteroids Mining Market Size by Application (2025-2030)

8 REST OF WORLD

8.1 Rest of World C-Type Carbonaceous Asteroids Mining Market Size by Type (2025-2030)

8.2 Rest of World C-Type Carbonaceous Asteroids Mining Market Size by Application (2025-2030)

8.3 Japan

8.4 South Korea

8.5 Southeast Asia

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 KEY INVESTORS IN C-TYPE CARBONACEOUS ASTEROIDS MINING

10.1 Company A

10.1.1 Company A Company Details

10.1.2 Company Description

10.1.3 Companies Invested by Company A

10.1.4 Company A Key Development and Market Layout

10.2 Company B

10.2.1 Company B Company Details

10.2.2 Company Description

10.2.3 Companies Invested by Company B

10.2.4 Company B Key Development and Market Layout

10.3 Company C

10.3.1 Company C Company Details

10.3.2 Company Description

10.3.3 Companies Invested by Company C

10.3.4 Company C Key Development and Market Layout

10.4 Company D

10.5

11 KEY PLAYERS ANALYSIS

11.1 ConsenSys

11.1.1 ConsenSys Company Details

11.1.2 ConsenSys C-Type Carbonaceous Asteroids Mining Product Offered

11.1.3 ConsenSys C-Type Carbonaceous Asteroids Mining Market Size (2023 VS 2028)

11.1.4 ConsenSys Main Business Overview

11.1.5 ConsenSys News

11.2 Bradford Space

11.2.1 Bradford Space Company Details

11.2.2 Bradford Space C-Type Carbonaceous Asteroids Mining Product Offered

11.2.3 Bradford Space C-Type Carbonaceous Asteroids Mining Market Size (2023 VS 2028)

11.2.4 Bradford Space Main Business Overview

11.2.5 Bradford Space News

11.3 Moon Express

11.3.1 Moon Express Company Details

11.3.2 Moon Express C-Type Carbonaceous Asteroids Mining Product Offered

11.3.3 Moon Express C-Type Carbonaceous Asteroids Mining Market Size (2023 VS 2028)

11.3.4 Moon Express Main Business Overview

11.3.5 Moon Express News

11.4 Ispace

11.4.1 Ispace Company Details

11.4.2 Ispace C-Type Carbonaceous Asteroids Mining Product Offered

11.4.3 Ispace C-Type Carbonaceous Asteroids Mining Market Size (2023 VS 2028)

11.4.4 Ispace Main Business Overview

11.4.5 Ispace News

11.5 Asteroid Mining Corporation

11.5.1 Asteroid Mining Corporation Company Details

11.5.2 Asteroid Mining Corporation C-Type Carbonaceous Asteroids Mining Product Offered

11.5.3 Asteroid Mining Corporation C-Type Carbonaceous Asteroids Mining Market Size (2023 VS 2028)

11.5.4 Asteroid Mining Corporation Main Business Overview

11.5.5 Asteroid Mining Corporation News

11.6 Trans Astronautica Corporation

- 11.6.1 Trans Astronautica Corporation Company Details
- 11.6.2 Trans Astronautica Corporation C-Type Carbonaceous Asteroids Mining Product Offered
- 11.6.3 Trans Astronautica Corporation C-Type Carbonaceous Asteroids Mining Market Size (2023 VS 2028)
- 11.6.4 Trans Astronautica Corporation Main Business Overview
- 11.6.5 Trans Astronautica Corporation News
- 11.7 OffWorld
 - 11.7.1 OffWorld Company Details
 - 11.7.2 OffWorld C-Type Carbonaceous Asteroids Mining Product Offered
 - 11.7.3 OffWorld C-Type Carbonaceous Asteroids Mining Market Size (2023 VS 2028)
 - 11.7.4 OffWorld Main Business Overview
 - 11.7.5 OffWorld News
- 11.8 SpaceFab
 - 11.8.1 SpaceFab Company Details
 - 11.8.2 SpaceFab C-Type Carbonaceous Asteroids Mining Product Offered
 - 11.8.3 SpaceFab C-Type Carbonaceous Asteroids Mining Market Size (2023 VS 2028)
 - 11.8.4 SpaceFab Main Business Overview
 - 11.8.5 SpaceFab News
- 11.9 Boeing
 - 11.9.1 Boeing Company Details
 - 11.9.2 Boeing C-Type Carbonaceous Asteroids Mining Product Offered
 - 11.9.3 Boeing C-Type Carbonaceous Asteroids Mining Market Size (2023 VS 2028)
 - 11.9.4 Boeing Main Business Overview
 - 11.9.5 Boeing News
- 11.10 Northrop Grumman Corporation
 - 11.10.1 Northrop Grumman Corporation Company Details
 - 11.10.2 Northrop Grumman Corporation C-Type Carbonaceous Asteroids Mining Product Offered
 - 11.10.3 Northrop Grumman Corporation C-Type Carbonaceous Asteroids Mining Market Size (2023 VS 2028)
 - 11.10.4 Northrop Grumman Corporation Main Business Overview
 - 11.10.5 Northrop Grumman Corporation News

12 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. C-Type Carbonaceous Asteroids Mining Market Size CAGR by Region (2025-2030) (\$ millions)

Table 2. Major Players of Organic Carbon

Table 3. Major Players of Phosphorus

Table 4. Major Players of Others

Table 5. Global Market Size by Type (2025-2030) (\$ millions)

Table 6. Global C-Type Carbonaceous Asteroids Mining Market Size Market Share by Type (2025-2030)

Table 7. Global C-Type Carbonaceous Asteroids Mining Market Size by Application (2025-2030) (\$ millions)

Table 8. Global C-Type Carbonaceous Asteroids Mining Market Size Market Share by Application (2025-2030)

Table 9. Date of Global Key Players Enter into C-Type Carbonaceous Asteroids Mining Market

Table 10. Global Key Players C-Type Carbonaceous Asteroids Mining Product Offered

Table 11. Key Players C-Type Carbonaceous Asteroids Mining Funding/Investment (Million USD)

Table 12. Funding/Investment by Regions

Table 13. Funding/Investment by End-Industry

Table 14. Key Players C-Type Carbonaceous Asteroids Mining Valuation & Market Capitalization (Million USD)

Table 15. Key Players Mergers & Acquisitions, Expansion Plans

Table 16. C-Type Carbonaceous Asteroids Mining New Product/Technology Launches

Table 17. C-Type Carbonaceous Asteroids Mining Industry Partnerships, Agreements, and Collaborations

Table 18. C-Type Carbonaceous Asteroids Mining Industry Mergers and Acquisitions

Table 19. Global C-Type Carbonaceous Asteroids Mining Market Size by Regions 2025-2030 (\$ millions)

Table 20. Global C-Type Carbonaceous Asteroids Mining Market Size Market Share by Regions 2025-2030

Table 21. United States C-Type Carbonaceous Asteroids Mining Market Size by Type (2025-2030) (\$ millions)

Table 22. United States C-Type Carbonaceous Asteroids Mining Market Size Market Share by Type (2025-2030)

Table 23. United States C-Type Carbonaceous Asteroids Mining Market Size by

Application (2025-2030) (\$ millions)

Table 24. United States C-Type Carbonaceous Asteroids Mining Market Size Market Share by Application (2025-2030)

Table 25. Europe C-Type Carbonaceous Asteroids Mining Market Size by Type (2025-2030) (\$ millions)

Table 26. Europe C-Type Carbonaceous Asteroids Mining Market Size Market Share by Type (2025-2030)

Table 27. Europe C-Type Carbonaceous Asteroids Mining Market Size by Application (2025-2030) (\$ millions)

Table 28. Europe C-Type Carbonaceous Asteroids Mining Market Size Market Share by Application (2025-2030)

Table 29. China C-Type Carbonaceous Asteroids Mining Market Size by Type (2025-2030) (\$ millions)

Table 30. China C-Type Carbonaceous Asteroids Mining Market Size Market Share by Type (2025-2030)

Table 31. China C-Type Carbonaceous Asteroids Mining Market Size by Application (2025-2030) (\$ millions)

Table 32. China C-Type Carbonaceous Asteroids Mining Market Size Market Share by Application (2025-2030)

Table 33. Rest of World C-Type Carbonaceous Asteroids Mining Market Size by Type (2025-2030) (\$ millions)

Table 34. Rest of World C-Type Carbonaceous Asteroids Mining Market Size Market Share by Type (2025-2030)

Table 35. Rest of World C-Type Carbonaceous Asteroids Mining Market Size by Application (2025-2030) (\$ millions)

Table 36. Rest of World C-Type Carbonaceous Asteroids Mining Market Size Market Share by Application (2025-2030)

Table 37. Key Market Drivers & Growth Opportunities of C-Type Carbonaceous Asteroids Mining

Table 38. Key Market Challenges & Risks of C-Type Carbonaceous Asteroids Mining

Table 39. Key Industry Trends of C-Type Carbonaceous Asteroids Mining

Table 40. Company A Company Details

Table 41. Companies Invested by Company A

Table 42. Company A Key Development and Market Layout

Table 43. Company B Company Details

Table 44. Companies Invested by Company B

Table 45. Company B Key Development and Market Layout

Table 46. Company C Company Details

Table 47. Companies Invested by Company C

Table 48. Company C Key Development and Market Layout

Table 49. ConsenSys Basic Information, Head Office, Major Market Areas and Its Competitors

Table 50. ConsenSys C-Type Carbonaceous Asteroids Mining Market Size (2023 VS 2028)

Table 51. Bradford Space Basic Information, Head Office, Major Market Areas and Its Competitors

Table 52. Bradford Space C-Type Carbonaceous Asteroids Mining Market Size (2023 VS 2028)

Table 53. Moon Express Basic Information, Head Office, Major Market Areas and Its Competitors

Table 54. Moon Express C-Type Carbonaceous Asteroids Mining Market Size (2023 VS 2028)

Table 55. Ispace Basic Information, Head Office, Major Market Areas and Its Competitors

Table 56. Ispace C-Type Carbonaceous Asteroids Mining Market Size (2023 VS 2028)

Table 57. Asteroid Mining Corporation Basic Information, Head Office, Major Market Areas and Its Competitors

Table 58. Asteroid Mining Corporation C-Type Carbonaceous Asteroids Mining Market Size (2023 VS 2028)

Table 59. Trans Astronautica Corporation Basic Information, Head Office, Major Market Areas and Its Competitors

Table 60. Trans Astronautica Corporation C-Type Carbonaceous Asteroids Mining Market Size (2023 VS 2028)

Table 61. OffWorld Basic Information, Head Office, Major Market Areas and Its Competitors

Table 62. OffWorld C-Type Carbonaceous Asteroids Mining Market Size (2023 VS 2028)

Table 63. SpaceFab Basic Information, Head Office, Major Market Areas and Its Competitors

Table 64. SpaceFab C-Type Carbonaceous Asteroids Mining Market Size (2023 VS 2028)

Table 65. Boeing Basic Information, Head Office, Major Market Areas and Its Competitors

Table 66. Boeing C-Type Carbonaceous Asteroids Mining Market Size (2023 VS 2028)

Table 67. Northrop Grumman Corporation Basic Information, Head Office, Major Market Areas and Its Competitors

Table 68. Northrop Grumman Corporation C-Type Carbonaceous Asteroids Mining Market Size (2023 VS 2028)

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of C-Type Carbonaceous Asteroids Mining
- Figure 2. C-Type Carbonaceous Asteroids Mining Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global C-Type Carbonaceous Asteroids Mining Market Size Growth Rate 2025-2030 (\$ millions)
- Figure 7. C-Type Carbonaceous Asteroids Mining Market Size by Region (2024 & 2030) (\$ millions)
- Figure 8. Global C-Type Carbonaceous Asteroids Mining Market Size Market Share by Type (2025-2030)
- Figure 9. Global Organic Carbon Market Size Growth Rate
- Figure 10. Global Phosphorus Market Size Growth Rate
- Figure 11. C-Type Carbonaceous Asteroids Mining in Fuel
- Figure 12. Global C-Type Carbonaceous Asteroids Mining Market: Fuel (2025-2030) (\$ millions)
- Figure 13. C-Type Carbonaceous Asteroids Mining in Construction
- Figure 14. Global C-Type Carbonaceous Asteroids Mining Market: Construction (2025-2030) (\$ millions)
- Figure 15. C-Type Carbonaceous Asteroids Mining in 3D Printer
- Figure 16. Global C-Type Carbonaceous Asteroids Mining Market: 3D Printer (2025-2030) (\$ millions)
- Figure 17. C-Type Carbonaceous Asteroids Mining in Others
- Figure 18. Global C-Type Carbonaceous Asteroids Mining Market: Others (2025-2030) (\$ millions)
- Figure 19. Global C-Type Carbonaceous Asteroids Mining Market Size Market Share by Application (2025-2030)
- Figure 20. Global C-Type Carbonaceous Asteroids Mining Market Size in Fuel Growth Rate
- Figure 21. Global C-Type Carbonaceous Asteroids Mining Market Size in Construction Growth Rate
- Figure 22. Funding/Investment
- Figure 23. Global C-Type Carbonaceous Asteroids Mining Market Size Market Share by Regions 2025-2030
- Figure 24. United States C-Type Carbonaceous Asteroids Mining Market Size

2025-2030 (\$ millions)

Figure 25. China C-Type Carbonaceous Asteroids Mining Market Size 2025-2030 (\$ millions)

Figure 26. Europe C-Type Carbonaceous Asteroids Mining Market Size 2025-2030 (\$ millions)

Figure 27. Rest of World C-Type Carbonaceous Asteroids Mining Market Size 2025-2030 (\$ millions)

Figure 28. United States C-Type Carbonaceous Asteroids Mining Consumption Market Share by Type in 2028

Figure 29. United States C-Type Carbonaceous Asteroids Mining Market Size Market Share by Application in 2028

Figure 30. Europe C-Type Carbonaceous Asteroids Mining Consumption Market Share by Type in 2028

Figure 31. Europe C-Type Carbonaceous Asteroids Mining Market Size Market Share by Application in 2028

Figure 32. China C-Type Carbonaceous Asteroids Mining Consumption Market Share by Type in 2028

Figure 33. China C-Type Carbonaceous Asteroids Mining Market Size Market Share by Application in 2028

Figure 34. Rest of World C-Type Carbonaceous Asteroids Mining Consumption Market Share by Type in 2028

Figure 35. Rest of World C-Type Carbonaceous Asteroids Mining Market Size Market Share by Application in 2028

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