

Global In-Space Manufacturing, Servicing, and Transportation Market Growth (Status and Outlook) 2024-2030

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Abstracts

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According to this study, the global In-Space Manufacturing, Servicing, and Transportation market size will reach US\$ million by 2030.

In-Space Manufacturing (ISM) involves a comprehensive set of processes aimed at the production of manufactured goods in the space environment. ISM is also often used interchangeably with the term in-orbit manufacturing given that current production capabilities are limited to low Earth orbit. The Space Transportation System (STS), also known internally to NASA as the Integrated Program Plan (IPP),^[1] was a proposed system of reusable manned space vehicles envisioned in 1969 to support extended operations beyond the Apollo program. (NASA appropriated the name for its Space Shuttle Program, the only component of the proposal to survive Congressional funding approval). The purpose of the system was two-fold: to reduce the cost of spaceflight by replacing the current method of launching capsules on expendable rockets with reusable spacecraft; and to support ambitious follow-on programs including permanent orbiting space stations around the Earth and Moon, and a human landing mission to Mars.

This report presents a comprehensive overview, market shares, and growth opportunities of In-Space Manufacturing, Servicing, and Transportation market by product type, application, key players and key regions and countries.

Segmentation by product type:

In-Space Manufacturing

In-Space Servicing

In-Space Transportation

Segmentation by Application:

Commercial

Military & Government

This report also splits the market by region:

United States

China

Europe

Other regions:

Japan

South Korea

Southeast Asia

Rest of world

The report also presents the market competition landscape and a corresponding detailed analysis of the major players in the market. The key players covered in this report:

Airbus S.A.S.

Astrobotics

Astroscale

Momentus Space

Atomos Space

Chandah Space Technologies

D-Orbit SpA

Honeybee Robotics

Infinite Orbits

Orbit Fab

Northrop Grumman Corporation

SSL (a Maxar Company)

Tethers Unlimited, Inc.

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