



Azista BST Aerospace

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PRODUCTS

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SERVICES

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as of 20 August 2026

Azista BST Aerospace

Azista BST Aerospace (ABA) is an Indo-German Joint Venture that designs, develops, manufactures, tests, and qualifies small satellites, primarily in the 50-200kg range. The company provides end-to-end solutions for constellations and offers a platform for in-orbit demonstration of payloads. Their manufacturing facility, located in Ahmedabad, Gujarat, India, is Asia's first private satellite factory, spanning 30,000 sq. ft. and including clean rooms, AIT labs, and testing facilities. This facility has an annual production capability of up to 50 satellites, extendable to 250 per year, with 80% of subsystems manufactured in-house. ABA has a team of 100 design and manufacturing engineers and has participated in over 75 satellite missions. They cater to mega constellations and offer capacity building for emerging space nations. The company emphasizes automated testing, scalable manufacturing, and vertical integration.

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SERVICES

Services

Capacity Building for Emerging Space Nations

Azista BST Aerospace offers capacity building services to emerging space nations, helping them develop their space capabilities.

Design, Development, Manufacturing, Testing and Qualification

Azista BST Aerospace provides comprehensive services covering the entire lifecycle of satellite projects, from design to qualification.

In-orbit Demonstration for Payloads

The company provides a platform for customers to demonstrate their payloads in orbit.

Payload and Satellite Testing for Launch Readiness (POEM and SMiLE Missions)

Azista BST Aerospace, in collaboration, offers state-of-the-art facilities for developing and testing payloads for ISRO's POEM and SMiLE missions.

Product catalogue



AZISTA BST AEROSPACE

ABLean Manufacturing Platform

Azista BST Aerospace's ABLean is a vertically integrated, automated manufacturing platform enabling mass production of 50-200kg small satellites for constellations at their Ahmedab

Flight heritage	75+ satellite missions
Engineering team size	100 design and manufacturing engineers
Facility area	30,000 sq. ft.
Target satellite mass class	50-200 kg small satellites
Annual production capability	up to 50 satellites, extendable up to 250/year
In-house subsystem manufacturing	80% of subsystems
Build time reduction	250x

price on request



AZISTA BST AEROSPACE

ABLean Satellite Manufacturing Platform

Azista BST's ABLean is a vertically integrated, automated manufacturing platform enabling mass production of 50-200kg small satellites at scale, including an in-orbit demonstration

Satellite missions heritage	75+ satellite missions
Engineering team	100 design and manufacturing engineers
Manufacturing facility area	30,000 sq. ft.
Small satellite mass range	50-200 kg
Facility location	Ahmedabad, Gujarat, India
Annual production capability	Up to 50 satellites, extendable up to 250/year
In-house subsystem manufacturing	80% of subsystems manufactured in-house

price on request



AZISTA BST AEROSPACE

Azista BST Aerospace Satellite Manufacturing Services

Azista BST Aerospace is a vertically integrated satellite manufacturing company offering end-to-end solutions for small satellites (50-200kg) and constellations, with a focus on ma

Experience	75+ satellite missions
Team size	100 design and manufacturing engineers
Manufacturing facility size	30,000 sq. ft.
Satellite mass range	50-200kg
Facility type	Asia's first private satellite factory
Facility location	Ahmedabad, Gujarat, India
Facility features	30,000 sq. ft. of clean rooms, AIT lab and testing facilities

price on request



AZISTA BST AEROSPACE

RWA05 Reaction Wheel Assembly

Reaction wheel assembly for small satellites with integrated fibre-optic gyro, by Azista BST Aerospace.

Type	Reaction wheel assembly with integrated fibre-optic gyro
Application	Attitude control of small satellites
Product line	Azista BST subsystems (BAT-110, PCU-110, PPDH-110, PLSU, RWA05)

price on request

Contact Azista BST Aerospace

Open the company profile on NewSpace Market to see full specifications and datasheets, and to send a request for quotation that reaches the manufacturer directly.

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