

NEWSPACE MARKET · COMPANY PROFILE



Skyroot Aerospace

India · founded 2018 · skyroot.in

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as of 27 August 2026

ABOUT

Skyroot Aerospace

Skyroot Aerospace is a private Indian launch-vehicle company founded in 2018 that developed the Vikram-S rocket, which made India's first private rocket flight in November 2022, and is developing the Vikram-1 orbital launcher.

This profile is generated from the live NewSpace Market catalogue. Specifications are as published by the manufacturer; every product links to a page where a request for quotation reaches the company directly.

SERVICES

Services

Vikram-1 — Dedicated SmallSat Launch to LEO/SSO

Vikram-1 is an on-demand launch vehicle designed for rapid, precise, and customizable small satellite deployments to Low Earth Orbit (LEO) and Sun-synchronous Orbit (SSO). It offers both dedicated and rideshare launch op

PRODUCTS

Product catalogue



SKYROOT AEROSPACE

Mission Prarambh

Mission Prarambh marked India's first-ever private rocket launch, successfully deploying Vikram-S on its maiden suborbital test flight.

Peak Altitude	88.8 km
Range At Splashdown	125 km
Peak Velocity	5.07 Mach
Total Flight Duration	301.4 Sec

[price on request](#) [datasheet](#)



SKYROOT AEROSPACE

Vikram-1

Vikram-1 is Skyroot Aerospace's orbital small-satellite launch vehicle, a four-stage rocket designed to deliver small satellites to low Earth orbit affordably and on demand.

Height	~20 m
Stages	4 (3 solid stages + 1 liquid propulsion upper stage)
Stage 1	Kalam-1000, solid propellant, 1,000 kN thrust
Stage 2	Kalam-250, solid propellant, 250 kN thrust
Stage 3	Kalam-100, solid propellant, 100 kN thrust
Upper stage	Cluster of four Raman-I liquid engines (hypergolic MMH/NTO), 3.4 kN combined thrust
Airframe	All-carbon-composite structure

[price on request](#)



SKYROOT AEROSPACE

Vikram-1 Launch Services

Vikram-1 offers flexible and frequent launch opportunities for small satellites, with options for rideshare or dedicated missions to precise orbits.

Max payload capacity to LEO	350 kg
Rideshare payload capacity per slot	Up to 50 kg
Payload delivery before launch date	30 days
Launch window	Q4 2026 (Rideshare · LEO), Q1 2027 (Rideshare · LEO)
Rideshare Price (0 - 15 kg)	\$12,000 / kg
Rideshare Price (15 - 30 kg)	\$11,000 / kg
Rideshare Price (30 - 50 kg)	\$10,000 / kg

[price on request](#) [datasheet](#)



SKYROOT AEROSPACE

Vikram-I

Vikram-I is a small satellite launch vehicle optimal for small satellites and constellations, with a payload capacity of up to 400 kg.

Payload capacity	Up to 400 kg
Optimal for	Small satellites and constellations
Launch window	Available from 2025
Payload capacity (alternative)	Upto 500KG

[price on request](#) [datasheet](#)



SKYROOT AEROSPACE

Vikram-II Launch Vehicle

India's next-generation small satellite launch vehicle with a cryogenic engine, targeting up to 900 kg to LEO and 600 kg to SSO, launching in 2027.

Payload to LEO	Up to 900 kg
Payload to SSO	Up to 600 kg
Propulsion	Advanced cryogenic engine
Structure	Carbon composite
Launch modes	Dedicated and rideshare
First launch target	2027
Country	India

price on request

Contact Skyroot 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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<https://www.skyroot.in>

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