

NEWSPACE MARKET · COMPANY PROFILE



TYVAK INTERNATIONAL
A TERRAN ORBITAL COMPANY

Tyvak International S.r.l.

Italy · founded 2013 · tyvak.eu

7

PRODUCTS

5

SERVICES

newspacemarket.com/companies/tyvak-nano-satellite-systems-italy/

as of 20 August 2026



Tyvak International S.r.l.

Tyvak International S.r.l. is an Italian nanosatellite manufacturer and mission service provider headquartered in Torino, Italy, and a wholly owned subsidiary of Terran Orbital Corporation. Originally part of the California-based Tyvak Nano-Satellite Systems, Tyvak International serves as the European arm of the Terran Orbital group, focusing on CubeSat and small satellite solutions for the European Space Agency, commercial operators, and scientific institutions. Tyvak International's expertise spans complete small satellite integration, from platform design and systems engineering through manufacturing, environmental testing, and mission operations. The company has significant flight heritage across multiple CubeSat and small satellite missions in collaboration with ESA and other European space agencies, including contributions to planetary missions and Earth observation programs. As a Terran Orbital company, Tyvak International benefits from a broad portfolio of on-orbit heritage and access to the group's manufacturing and engineering capabilities across the United States and Italy. The company is a key part of Terran Orbital's strategy to serve the growing European nanosatellite market with locally developed and produced platforms. Tyvak International was established in Torino to leverage Italy's strong aerospace engineering tradition and proximity to ESA's ESAC facility and European industrial partners. The company copyright dates from 2013, reflecting over a decade of small satellite engineering in the region.

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

Launch Campaign Activities

Tyvak International prepares for and manages launch campaign activities for satellite missions.

Mission Operations

Tyvak International is fully responsible for the mission operations of satellites it develops.

Production Quality Management, Analysis, Testing, and Data Correlation

Tyvak International employs robust processes for production quality management, analysis, testing, and data correlation.

Qualification and Acceptance Review

Tyvak International performs Qualification and Acceptance Reviews for satellites, ensuring they meet flight readiness standards.

System Level Testing

Tyvak International performs comprehensive system-level testing for satellites, often with mothercraft and ground segments.

Product catalogue



TYVAK INTERNATIONAL S.R.L.

Command and Data Handling (C&DH) System

Onboard flight computer suite with redundant backup and multiple radio/communication interfaces.

price on request

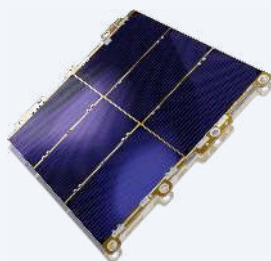


TYVAK INTERNATIONAL S.R.L.

CubeSat Dispensers

Deployment dispensers that secure CubeSats to launch vehicles and provide vibration shielding and clean separation.

price on request



TYVAK INTERNATIONAL S.R.L.

Electrical Power System (EPS)

Power generation and storage subsystem supplying energy for nanosatellite mission operations.

price on request



TYVAK INTERNATIONAL S.R.L.

Endeavour Platform

Tyvak's earlier-generation nanosatellite bus with highly integrated hardware, optimized for low cost and high payload capacity.

price on request



TYVAK INTERNATIONAL S.R.L.

GeoStare SV2 Electro-Optical Imaging Satellite

Electro-optical Earth observation smallsat using Lawrence Livermore National Laboratory sensor technology.

price on request



TYVAK INTERNATIONAL S.R.L.

GNC Module (Guidance, Navigation and Control)

Attitude determination and control sensors/actuators for nanosatellite pointing and orientation.

price on request



TYVAK INTERNATIONAL S.R.L.

Intrepid Platform

Tyvak's current-generation nanosatellite bus, using exterior structural panels to maximize interior payload volume.

price on request

Contact Tyvak International S.r.l.

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://tyvak.eu>

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