# EXOLAUNCH

EXPLORE NEW HORIZONS

EXOLAUNCH

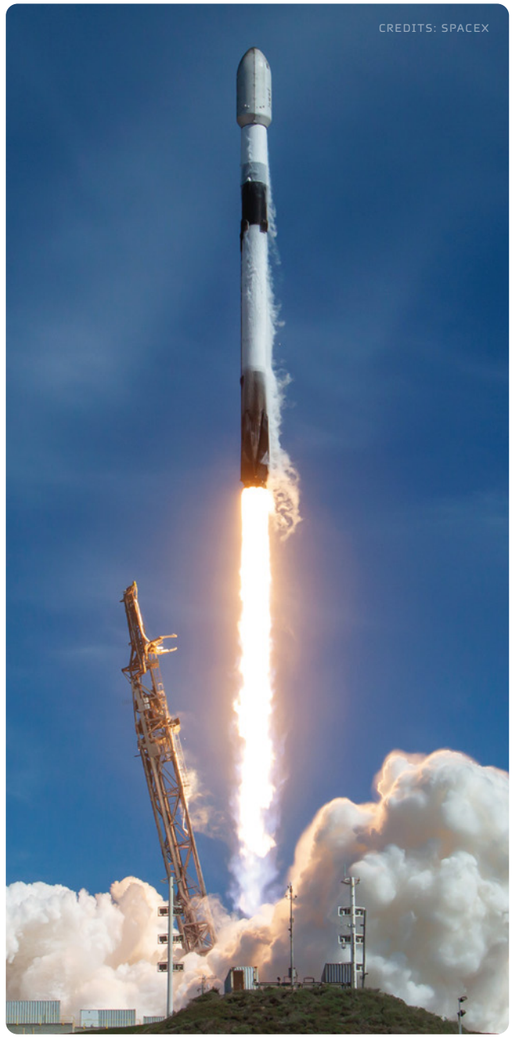
Exolaunch is **a global leader in satellite launch** mission management, **integration** services, and **deployment** technologies. With an unparalleled flight heritage, we provide **critical satellite launch infrastructure,** partnering with satellite operators and launch vehicle providers **to deliver satellites to space.**

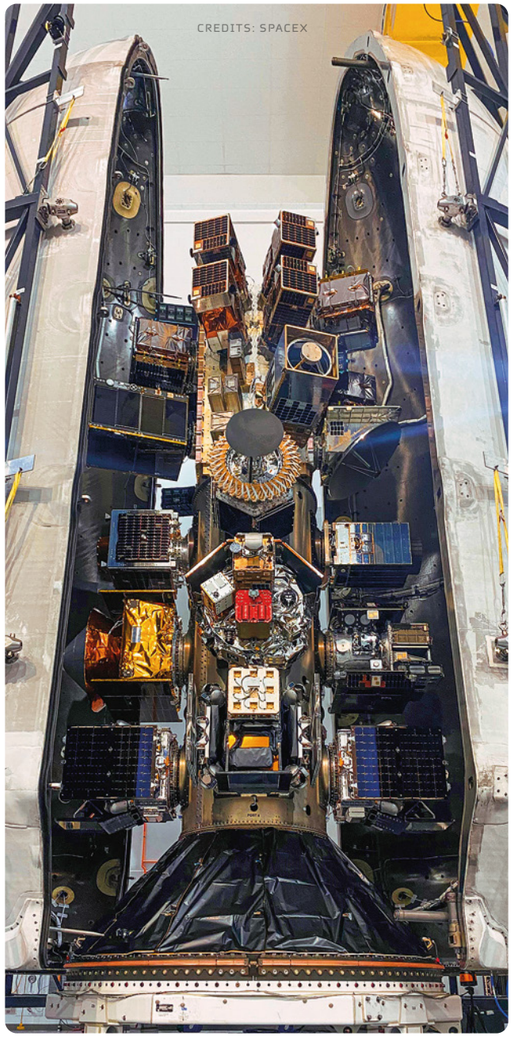
EXOLAUNCH

**Global leader** in satellite launch mission management, integration and deployment technologies **with unparalleled flight heritage**, strong customer-centric approach, and deep engineering capabilities. **Headquartered in Germany**, Exolaunch operates globally with offices in the US, France, and Japan and is committed **to making space accessible for all.**

SPACE. LET US TAKE YOU THERE.

EXOLAUNCH.COM



# Space.
# Let us take you there.

# Your launch experience **is our priority**

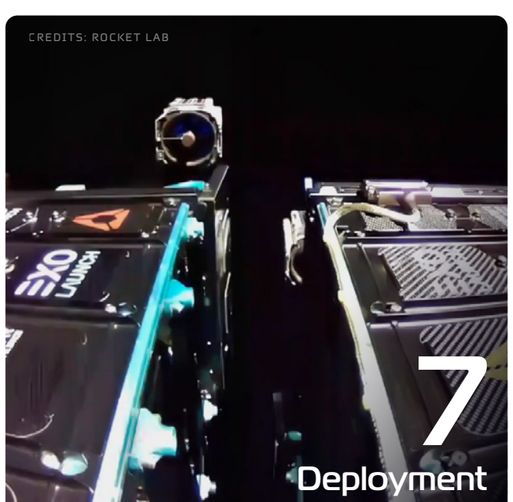
## Take the fast track to orbit

Exolaunch transforms complex global launch campaigns into a seamless and cost-effective experience.









LAUNCH HARDWARE

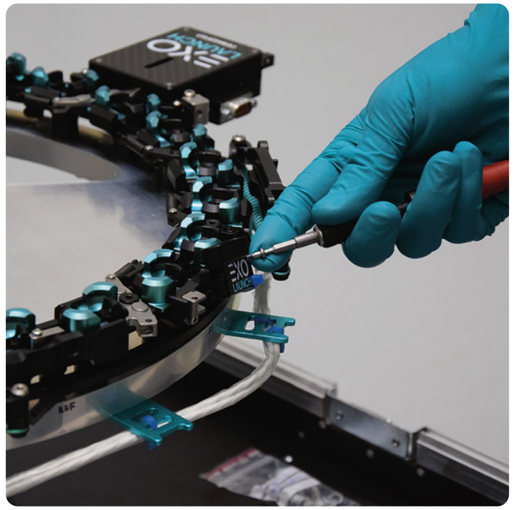
# A new frontier of technology

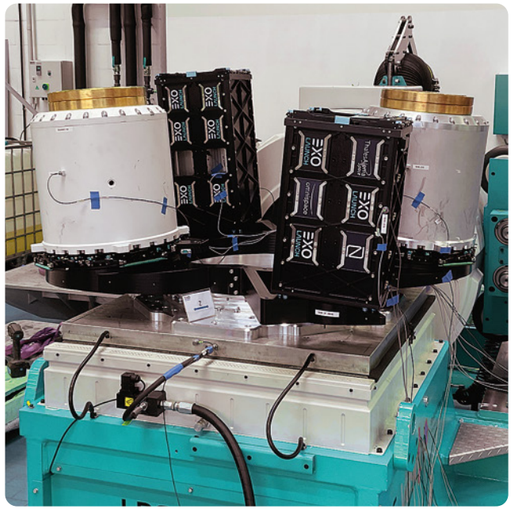
Exolaunch's iconic deployment systems are the next step in off-the-shelf solutions, ensuring ease of use and mission success for any satellite, on any launch vehicle. Flight-proven across hundreds of successful satellite deployments, our technology blends simplicity with reliability.


ENVIRONMENTAL TESTING

# Investing into certainty

We support customers through test campaign planning and testing of their satellites at our facilities in Berlin. Save on costs and accelerate your mission schedule by letting Exolaunch get you ready for launch.

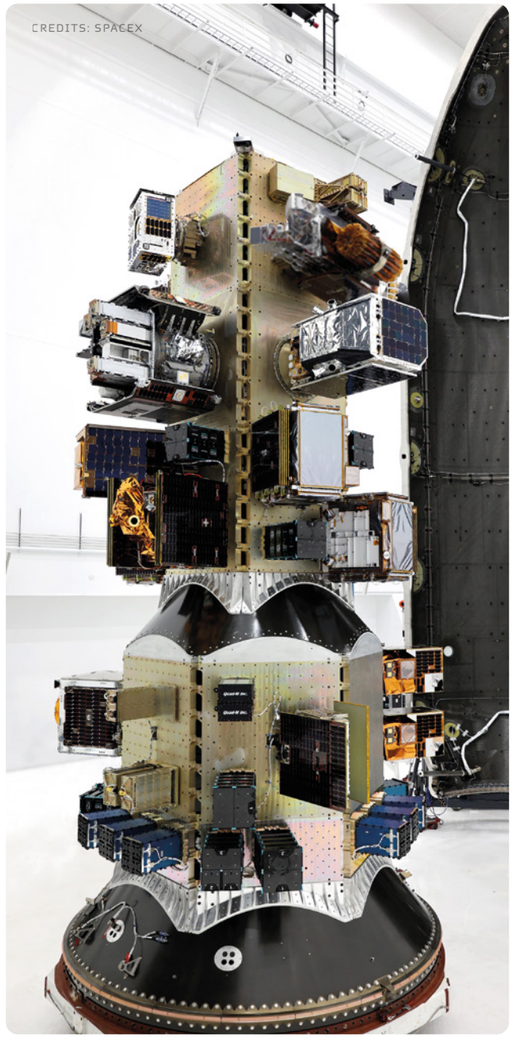




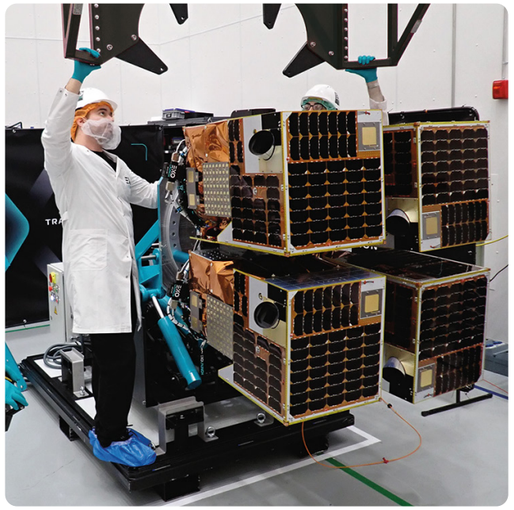
INTEGRATION SERVICES

# Getting you on board

Filled with complex and exciting missions, hardware, launch vehicles and requirements, the NewSpace industry inherits the spirit of space exploration. Exolaunch brings it all together with a vast expertise across global launch vehicles and ingenious solutions to dedicated and rideshare missions. We take care of getting you to orbit ensuring your seamless and successful launch campaigns.



CREDITS: SPACEX

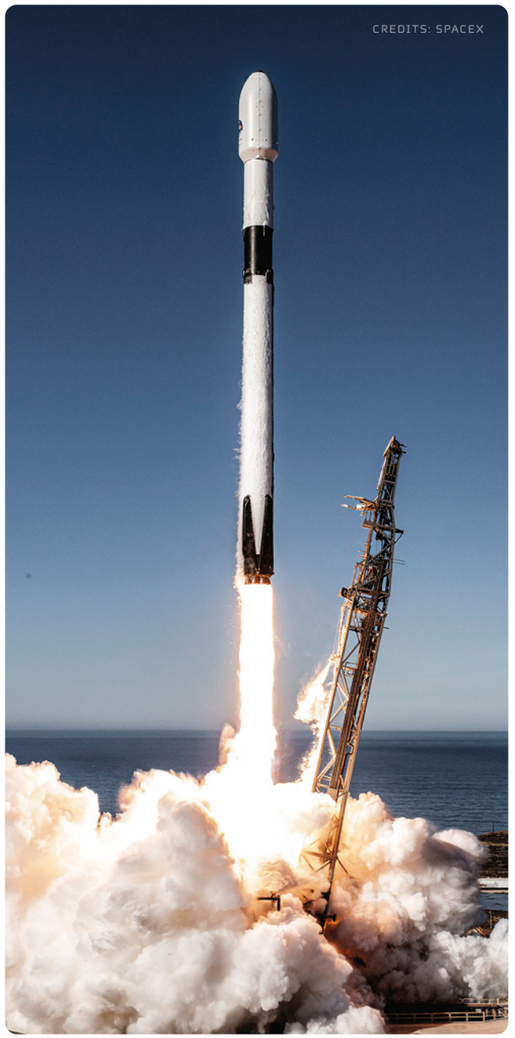


LAUNCH CAMPAIGNS

# Seamless execution

Exolaunch handles your entire launch campaign from the clean room to orbit, including all launch planning, mission management, environmental testing, launch site transit, integration with the launch vehicle and deployment. We hand the reins back to you after your satellite activates on orbit.





# Heritage speaks for itself

CREDITS: SPACEX

# MARKET LEADER WITH EXTENSIVE EXPERIENCE AND PROVEN RELIABILITY ON MULTIPLE LAUNCHES, VEHICLES AND DEPLOYMENT SCENARIOS

LONG-STANDING TRACK RECORD OF NUMEROUS MISSIONS WITH DIFFERENT GLOBAL LAUNCH PROVIDERS

## 2017-2019

- **SOYUZ-2**
  17 smallsats
  Baikonur
- **SOYUZ-2**
  14 smallsats
  Vostochny
- **SOYUZ-2**
  11 smallsats
  Vostochny
- **SOYUZ-2**
  11 smallsats
  Vostochny
- **SOYUZ-2**
  28 smallsats
  Vostochny
- **ELECTRON**
  1 smallsat
  RocketLab LC1
- **SOYUZ-ST**
  1 smallsat
  Guiana Space Centre

## 2020-2021

- **FALCON 9**
  **Starlink 9**
  3 smallsats
  Cape Canaveral
- **FALCON 9**
  **Starlink 11**
  3 smallsats
  Cape Canaveral
- **SOYUZ-2**
  15 smallsats
  Plesetsk
- **FALCON 9**
  **Transporter 1**
  30 smallsats
  Cape Canaveral
- **FALCON 9**
  **Transporter 2**
  29 smallsats
  Cape Canaveral

## 2022

- **FALCON 9**
  **Transporter 3**
  29 smallsats
  Cape Canaveral
- **FALCON 9**
  **Transporter 4**
  12 smallsats
  Cape Canaveral
- **FALCON 9**
  **Transporter 5**
  21 smallsats
  Cape Canaveral
- **ELECTRON**
  1 smallsat
  RocketLab LC1

## 2023

- **FALCON 9**
  **Transporter 6**
  37 smallsats
  Cape Canaveral
- **FALCON 9**
  **Transporter 7**
  21 smallsats
  Vandenberg
- **FALCON Heavy GEO**
  1 smallsat (First in GEO)
  Cape Canaveral
- **FALCON 9**
  **Transporter 8**
  32 smallsats
  Vandenberg
- **ELECTRON**
  1 smallsat
  RocketLab LC1
- **PSLV**
  1 smallsat
  SHAR
- **FALCON 9**
  **Transporter 9**
  34 smallsats
  Vandenberg

## 2024

- **ELECTRON**
  4 smallsats
  RocketLab LC1
- **FALCON 9**
  **Transporter 10**
  28 smallsats
  Vandenberg
- **FALCON 9**
  **Bandwagon 1**
  4 smallsats
  Kennedy Space Center
- **ELECTRON**
  1 smallsat
  RocketLab LC1
- **FALCON 9**
  **Transporter 11**
  42 smallsats
  Vandenberg
- **ARIANE 6**
  4 smallsats
  Guiana Space Center
- **FALCON 9**
  **Bandwagon 2**
  22 smallsats
  Vandenberg

## 2025

- **FALCON 9**
  **Transporter 12**
  34 smallsats
  Vandenberg
- **FALCON 9**
  **IM-2 Lunar**
  3 smallsats
- **FALCON 9**
  **Transporter 13**
  27 smallsats
  Vandenberg
- **ELECTRON**
  8 smallsats
  RocketLab LC 1
- **FALCON 9**
  **Bandwagon 3**
  1 smallsat
  Cape Canaveral
- **FALCON 9**
  **Transporter 14**
  45 smallsats
  Vandenberg
- **ELECTRON**
  1 smallsat
  Rocket Lab LC1
- **FALCON 9**
  **NAOS**
  6 smallsats
  Vandenberg
- **FALCON 9**
  **Bandwagon 4**
  13 smallsats
- **FALCON 9**
  **Transporter 15**
  58 smallsats

## 2026

- **FALCON 9**
  **Twilight**
  22 smallsats

# Record-breaking rideshare missions


**675**
customer satellites flown in total

**42**
missions completed

**25 000+**
total payload mass launched, kg

# Fast. Trusted. Reliable.

YOUR LAUNCH INTEGRATOR FOR THE WORLD'S LEADING LAUNCH VEHICLES

**550+** customer satellites flown with SPACEX

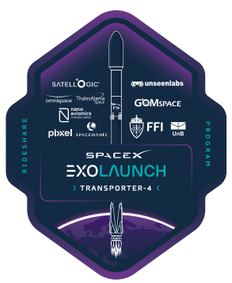

**STARLINK-9**
JUN 2020


**STARLINK-11**
AUG 2020


**TRANSPORTER-1**
JAN 2021


**TRANSPORTER-2**
JUN 2021


**TRANSPORTER-3**
JAN 2022



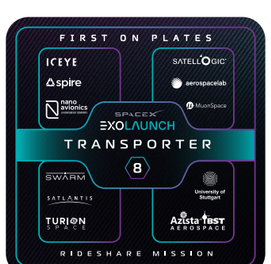

**TRANSPORTER-4**
APR 2022


**TRANSPORTER-5**
MAY 2022


**TRANSPORTER-6**
JAN 2023


**TRANSPORTER-7**
APR 2023


**GEO MISSION 1**
APR 2023



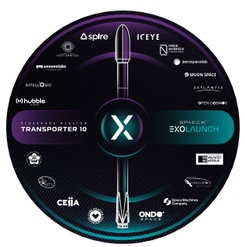

**TRANSPORTER-8**
JUN 2023


**TRANSPORTER-9**
NOV 2023

# Fast. Trusted. Reliable.

YOUR LAUNCH INTEGRATOR FOR THE WORLD'S LEADING LAUNCH VEHICLES

**550+** customer satellites flown with SPACEX




**TRANSPORTER-10**
MAR 2024


**BANDWAGON-1**
APR 2024


**TRANSPORTER-11**
AUG 2024

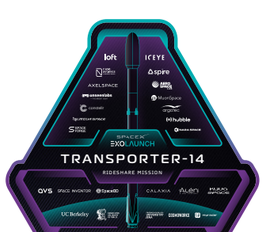

**BANDWAGON-2**
DEC 2024


**TRANSPORTER-12**
JAN 2025


**IM-2 LUNAR**
FEB 2025


**TRANSPORTER-13**
MAR 2025

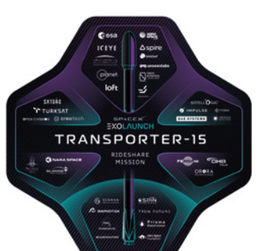

**BANDWAGON-3**
APR 2025




**TRANSPORTER-14**
JUN 2025


**NAOS**
AUG 2025


**BANDWAGON-4**
NOV 2025




**TRANSPORTER-15**
NOV 2025


**TWILIGHT**
JAN 2026

**1000+** customer satellites planned to launch in **2026-2028**

**85+** missions planned in **2026-2028**

# OTHER LAUNCHERS IN 2023–2025


**ELECTRON**
JUL 2023

ROCKETLAB


**PSLV-C56**
JUL 2023

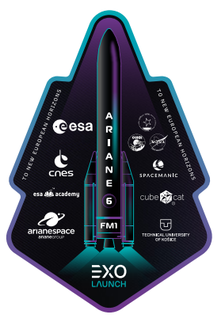
इसरो isro


**ELECTRON**
JAN 2024

ROCKETLAB


**ELECTRON**
APR 2024

ROCKETLAB




**ARIANE 6**
JUL 2024

esa
European Space Agency


**ELECTRON**
MAR 2025

ROCKETLAB


**ELECTRON**
JUN 2025

ROCKETLAB

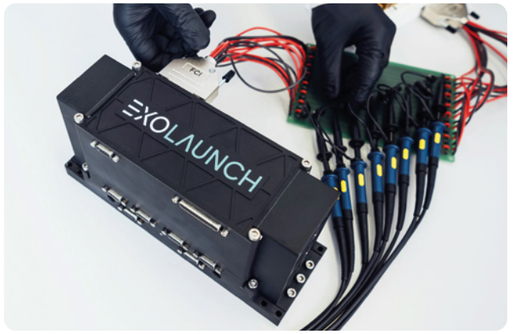
# Deployment technologies

# Flight-proven mission critical hardware

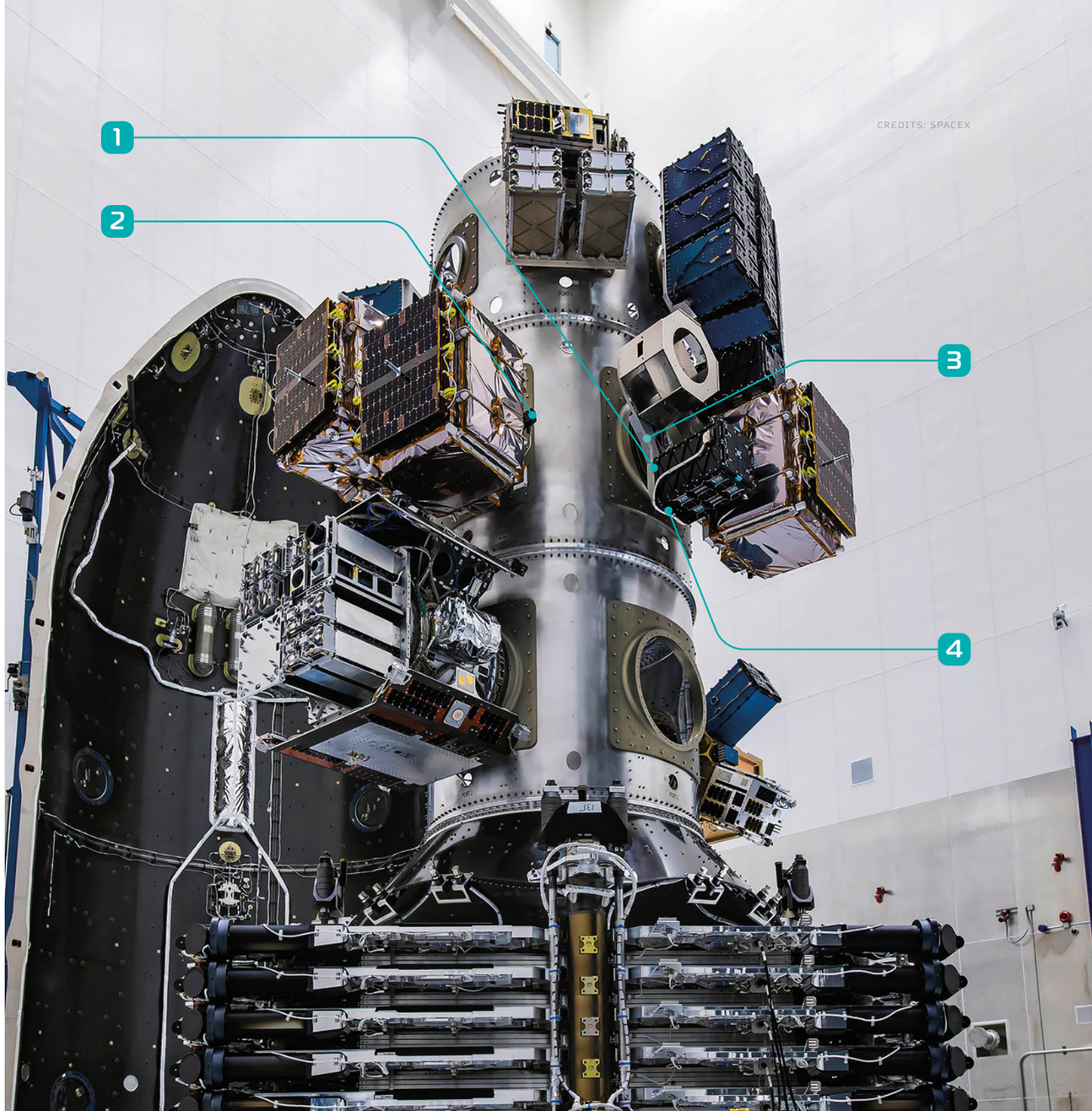

**1 EXOpod** Cubesat Deployer


**2 CarboNIX** Separation System


**3 EXOport** Multi-Satellite Adapter




**4 EXObox** Deployment Sequencer



# EXOpod

Cubesat deployer

## FLIGHT HERITAGE SINCE 2017

**34** missions flown

**442** cubesats flown

EXOpod Nova 12U

EXOpod Nova 16U

EXOpod Nova 6U/8U

**EXOpod Nova** is the most advanced cubesat deployment system on the market. It is available in 6U, 8U, 12U and 16U sizes, and can be subdivided into smaller slots to accommodate cubesats of any size.

**EXOpod Nova** redefines cubesats integration and launches with as much as 400% additional volume for lateral protrusions, 30% extra mass, and full backwards compatibility with the cubesat design standard to suit a wide range of use cases. **EXOpod** was the first commercially-available deployer to deploy a 16U satellite in LEO, and **EXOpod Nova** is the only one to do so in GEO to-date.

## EXOpod Fact Sheet

### COMPATIBILITY

Flight-ready on multiple launch vehicles and quickly adaptable to most launchers on the market.

### CLAMPING MECHANISM

Cubesats are secured in their slots using our industry-leading clamping mechanism once the doors are locked.

### FLEXIBILITY

Fast-growing flight record of cubesats ranging from 0.25U to 16U.

### FAST RESET TIME

EXOpod can be integrated, triggered and reset in a matter of minutes.

### INCREASED AVAILABLE MASS

Higher available mass than any other deployer catering to cubesats on the market.

### ACCESS WINDOWS

Windows on three sides of the deployer provide access to the cubesat within, useful for inspection, testing and RBF pin removal after integration.

### FLIGHT HERITAGE

EXOpods successfully deployed cubesats since 2017.

### ITAR-FREE

The system is not subject to export restrictions of any kind.

### MADE IN GERMANY

# EXOpod in Action

# EXOpod AIR

Cubesat deployer

FLIGHT HERITAGE
IN H1, 2026

## AS LIGHT AS AIR


With a mass as low **as 6.5kg, EXOpod AIR** is the **lightest cubesat deployer** ever developed. Leveraging advanced materials and manufacturing processes, as well as twelve years of cubesat deployment experience, it combines the simple and safe operation of EXOpod Nova with an **ultra-lightweight design** that doesn't compromise on performance, reliability or cost.

Building upon the heritage of over 400+ cubesat deployments, **EXOpod AIR** aims to optimize mass budgets and lower launch costs on missions where **every kilo matters**, such as small launch vehicles and space tugs.

## EXOpod AIR Fact Sheet

### COMPATIBILITY

Tailored for the new generation of small launchers, OTVs and all missions where every gram counts.

### CLAMPING MECHANISM

A flagship feature of the EXOpod family ensures that your cubesat is held in place safely when integrated into AIR.

### AS LIGHT AS AIR

EXOpod AIR offers the lowest cubesat deployer mass on the market.
Send more payload to orbit.

### FAST INTEGRATION TIME

Cubesats can be integrated safely within minutes. Ideal for preparing cubesat constellations for launch.

### ACCESS WINDOWS

Removable windows offer last minute access to you satellite for RBF removal, software updates or charging.

### MODULAR

The 8U, 12U, 12UXL and 16U AIR sizes can be configured for any combination of cubesat from 0.25U to 16U.

### FLIGHT HERITAGE

AIR builds on the heritage of the EXOpod family which has delivered 400+ cubesats to orbit. Flawlessly.

### ITAR-FREE

Like all Exolaunch products, AIR is not subject to export restrictions of any kind.

### MADE IN GERMANY

# EXOpod AIR



# CarboNIX

Scalable microsatellite separation system

## FLIGHT HERITAGE SINCE 2019

**28** missions flown

**204** microsats flown

CarboNIX 24”

CarboNIX 18.25”

CarboNIX 15”

CarboNIX 11. 732”

CarboNIX 8”

**CarboNIX** is an off-the-shelf separation system available in 8”, 11.732”, 15”, 18.25” and 24”. It is scalable to any custom diameter for satellites upwards of 300 kg. **CarboNIX** uses patented shock-free technology to reduce the risk of damaging sensitive satellites, optical payloads and electronic components. In addition, **CarboNIX** uses an advanced synchronous spring pusher system to achieve unrivaled smooth and even separations that protect against damaging shocks and tip-off rates.

## CarboNIX Fact Sheet

### SHOCK-FREE DEPLOYMENT

Linear deployment with average tumbling rate <1°/s after release.

### LIGHTWEIGHT

CarboNIX 15" weighs 2.6 kg with a flyaway mass of only 330 g.

### FAST RESET TIME

The whole system can be triggered and reset in minutes.

### CLUSTER COMPATIBLE

Designed in-house for maximum ease of use, flexibility and compatibility with large cluster configurations.

### FLEXIBLE

Scalable to 8", 11.732", 15", 18.25", 24" and custom diameters to fit on any launch vehicle.

### FLIGHT HERITAGE

CarboNIXes successfully deployed microsats since 2019.

### ITAR-FREE

CarboNIX is free from any export restrictions, making it the most accessible system in the world.

### MADE IN GERMANY

# CarboNIX in Action

# CarboNIX NEO

Scalable microsatellite separation system

## FLIGHT HERITAGE
## SINCE Q4, 2025

**2** missions flown

**2** microsats flown

CarboNIX NEO 31,6”

CarboNIX NEO 24”

CarboNIX NEO 15”

CarboNIX NEO 8”

**CarboNIX NEO** is an off-the-shelf separation system available in 8”, 15”, 24”, 31.6” and 38.81” sizes. It is scalable to any custom diameter for satellites upwards of **1000 kg.** While **NEO** uses the same lock mechanism and pusher arm subsystems as CarboNIX, **NEO** employs a new clamp ring system which is stronger, stiffer, can withstand higher loads and launch heavier spacecraft than any other separation system on the market.

## CarboNIX NEO Fact Sheet

### SHOCK-FREE DEPLOYMENT

Extremely low separation shock thanks to a decoupled clamp and pusher arm system.

### HIGH STRENGTH

NEO is the only separation system which can launch any satellite mass within the Transporter limits.

### FAST RESET TIME

Designed for maximum ease of use, the system can be integrated, triggered, and reset in minutes.

### CLUSTER COMPATIBLE

Linear deployment with average tumbling rate <1°/s after release due to our proprietary synchronized pusher arm system.

### FLEXIBLE

Scalable from 8" to 38.81" and larger diameters to accommodate any satellite on any launch vehicle.

### FLIGHT HERITAGE

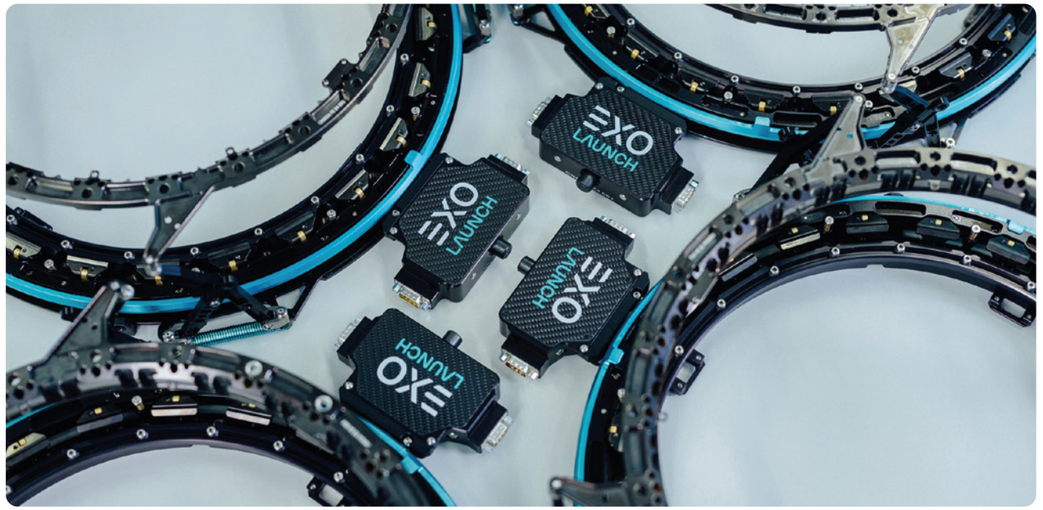
Lock mechanism and pusher arms have flight heritage with CarboNIX across dozens of launches and deployments. NEO will fly on multiple missions in 2025.

### ITAR-FREE

CarboNIX NEO is free from any export restrictions, making it the most accessible system in the world.

### MADE IN GERMANY

# CarboNIX NEO in Action





# Quadro Arrow

Four-point microsatellite separation system

FLIGHT HERITAGE
SINCE 2025

| 3 | 5 |
|---|---|
| missions flown | microsats flown |


**Quadro** expands the capabilities of Exolaunch's microsatellite separation systems with a four-point offering tailored to match the Arrow 150 satellite with masses **up to 250 kg.** It is currently the only separation system which is qualified to fly the Arrow 150 platform on the SpaceX Transporter missions.

**Quadro** was crowned the most innovative separation system in Europe by winning **the Innovation in Space Award 2023** at the European Space Summit, celebrating its unique blendof flight-proven technology and cutting edge four-point design securing access to orbit for thenext generation of microsatellite buses.

## Quadro Arrow Fact Sheet

### MECHANICALLY SYNCHRONIZED

Only one signal is needed to precisely release all four points, preventing the need for costly and complex multiplexers.

### TAILORED INTERFACE

Quadro Arrow 150 has been designed to meet the strength, stiffness and interface requirements of the Arrow 150 bus.

### SHOCK-FREE DEPLOYMENT

No pyrotechnics ensures your payload remains intact after deployment.

### LOW TUMBLING

The patented CarboNIX pusher arm system has an average tip-off rate of 0.6°/s in all three axes.

### FAST RESET TIME

Flight-proven, simple and robust magnetic locks are quick to reset.

### FLIGHT HERITAGE

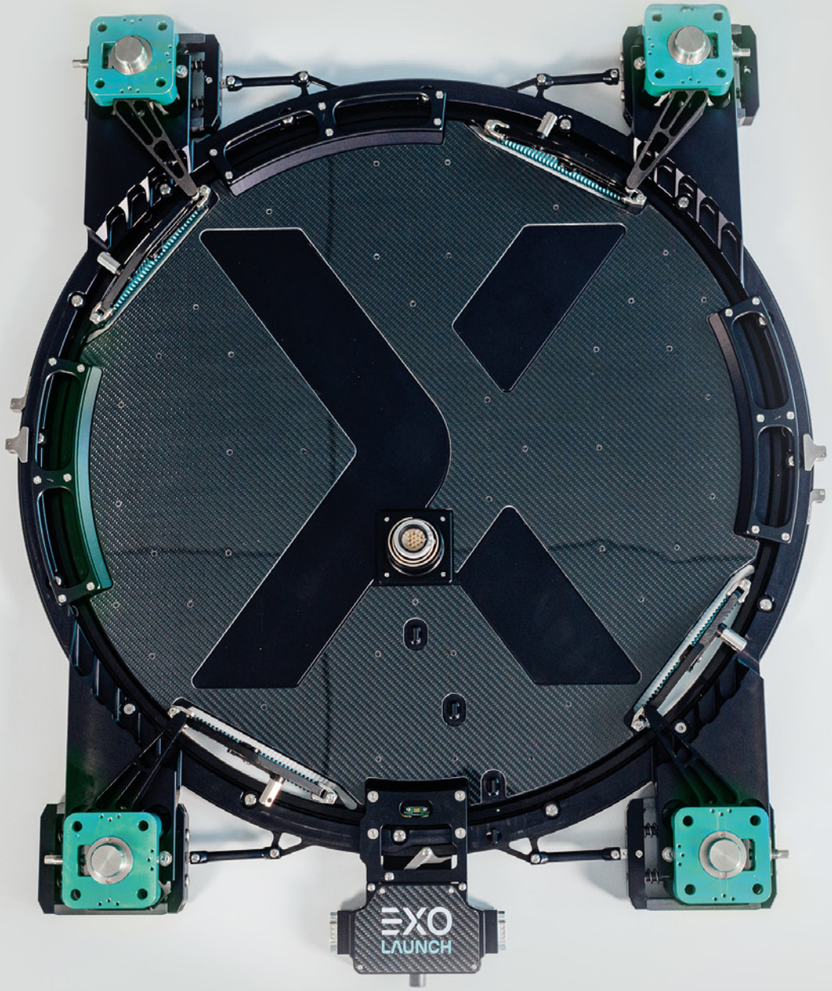
Quadro Arrow acquired successful flight heritage on Transporter-13 and Transporter-14 and will be used for dozens of deployments on the upcoming missions.

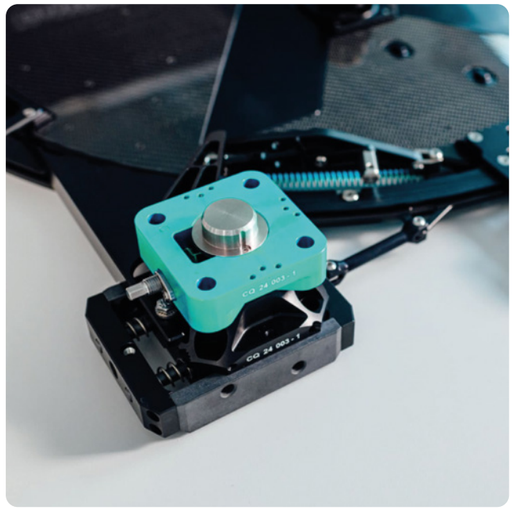
### ITAR-FREE

Quadro is not subject to export restrictions of any kind.

### MADE IN GERMANY

# Quadro Arrow in Action



# Quadro Versa

Four-point microsatellite separation system

FLIGHT HERITAGE
IN H1, 2026

**Quadro Versa** expands the capabilities of Exolaunch's microsatellite separation systems with a four-point offering tailored to satellites weighing **up to 1000 kg** and flying on SpaceX Rideshare plates.

**Versa** has been designed for compatibility with the SpaceX four-point interfaces, and it is easily scalable to any size from 24"x24" up to 40"x40". Larger satellites **over 1 ton** and with larger footprints are also served by Versa, which offers unrivaled strength, stiffness and reliability for four-point satellites of any size.

## Quadro Versa Fact Sheet

### MECHANICALLY SYNCHRONIZED

Only one signal is needed to precisely release all four points, preventing the need for costly and complex multiplexers.

### SCALABLE DESIGN

Synchronizing elements between the HDRMs are designed to easily scale in size to support any footprint.

### SHOCK-FREE DEPLOYMENT

No pyrotechnics ensures your payload remains intact after deployment.

### LOW TUMBLING

The patented CarboNIX pusher arm system has an average tip-off rate of 0.6°/s in all three axes.

### FAST RESET TIME

Flight-proven, simple and robust magnetic locks are quick to reset.

### FLIGHT HERITAGE

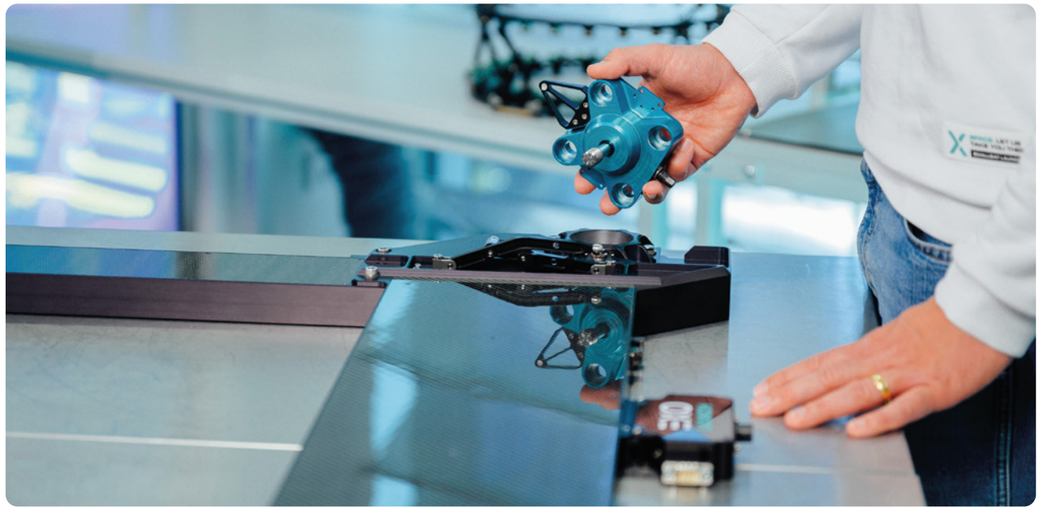
Critical subsystems like lock mechanism and pusher arms have flight heritage across dozens of missions.

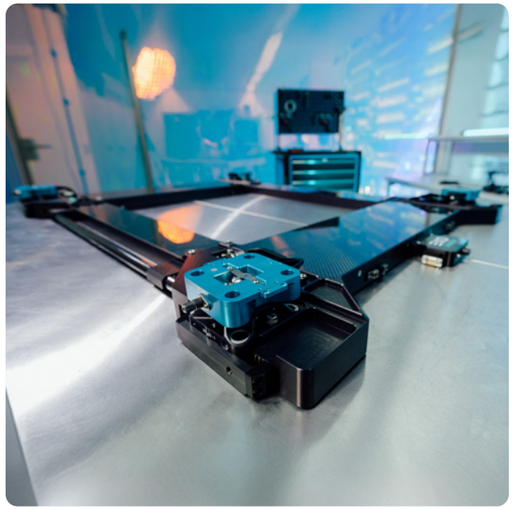
### ITAR-FREE

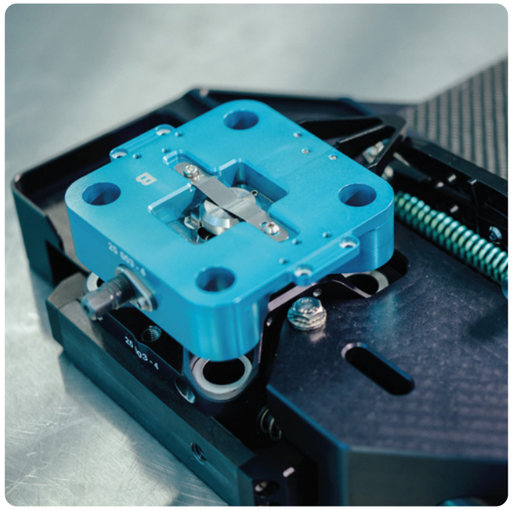
Quadro is not subject to export restrictions of any kind.

### MADE IN GERMANY

# Quadro Versa in Action







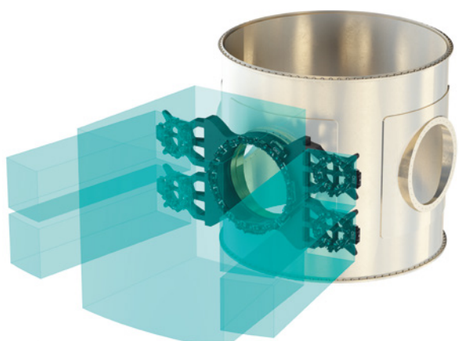
# EXOport

Multi-satellite adapter

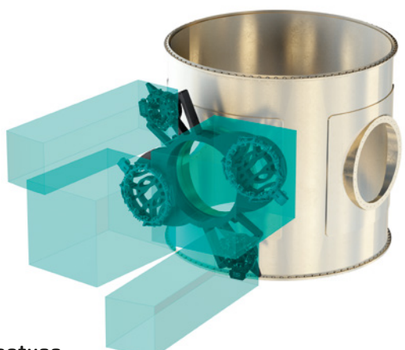
## FLIGHT HERITAGE SINCE 2021

**8** missions flown

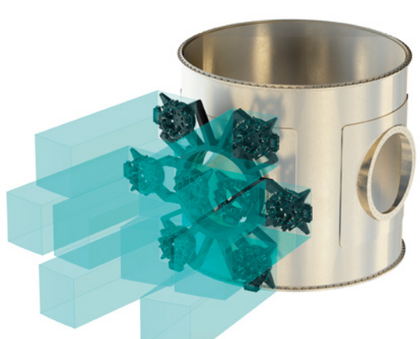
**20** EXOports flown



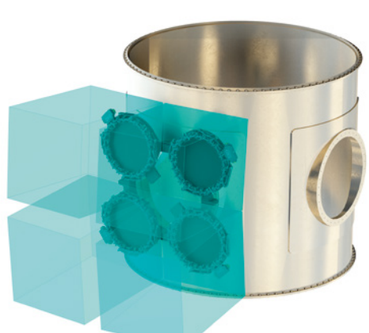
**Jupiter**



**Neptune**



**Europa**



**Atlas**

**EXOport** adapters enable an entire smallsat cluster to be mounted on a single 15″ or 24″ ESPA or Dispenser Ring port. **EXOport** is available in many configurations, allowing clusters to be assembled from a combination of microsats loaded onto **CarboNIX** 8″, 11.732″, 15″, 18.25″, 24″ separation systems and cubesats loaded into **EXOpod** deployers.

## EXOport Fact Sheet

### FLIGHT HERITAGE

EXOports have set the industry standard for cluster adapters on 24" ports, realising the full potential of rideshare with a cost-effective solution.

### COMPATIBILITY

EXOport has a configuration for every Exolaunch separation system, and can be adapted to fit your launch needs. From design to verification, EXOport can be adapted to all launch vehicle requirements.

### COST-EFFECTIVE

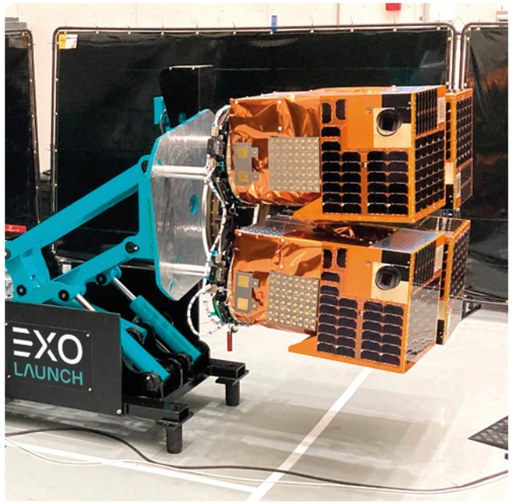
Make the most of every kilo. Whether you are a cubesat or a 500 kg microsat, EXOport is the best solution to optimize the mass and volume utilized on your port.

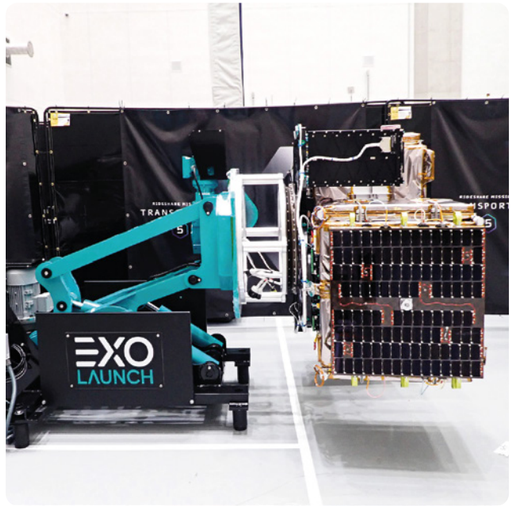
### ITAR-FREE

EXOport is not subject to export restrictions of any kind.

### MADE IN GERMANY

# EXOport in Action


NEW PRODUCT

# EXOtube

Introducing the **EXOtube** universal modular adapter for rideshare missions. This launch vehicle-agnostic payload stack provides maximum flexibility to customers and simplifies mission execution for our launch partners.

**EXOtube** is a modular, load-bearing dispenser structure for integration, launch, and deployment of the entire range of smallsats **from cubesats to 1000 kg microsats.**

**EXOtube** unites the entire ecosystem of Exolaunch technologies for rideshare missions, offering the most comprehensive and flexible smallsat cluster configurations available on the market.

Accommodates payloads on a unified structure from cubesats to satellites up to

**1000 kg**

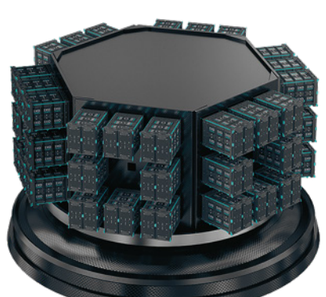
# Unmatched modularity

Thanks to design modularity and adaptability, EXOtube can be easily integrated with small launchers and traditional middle and heavy class launch vehicles.

EXOtube is equipped with Exolaunch's on-board cameras system to record satellites separation into orbit and to provide invaluble data and high definition video to the customers.

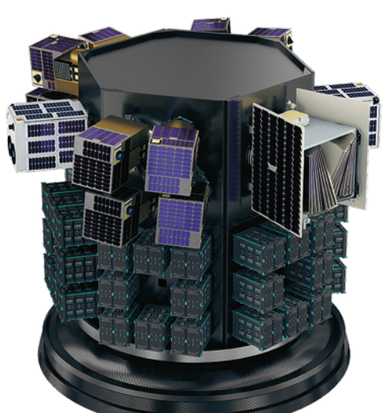
1ST LEVEL

## CUBESATS



2ND LEVEL

## MICROSATS UP TO 250 KG



3RD LEVEL

## MICROSATS UP TO 150 KG

### EXOTUBE FULL STACK CONFIGURATION

TOP LEVEL

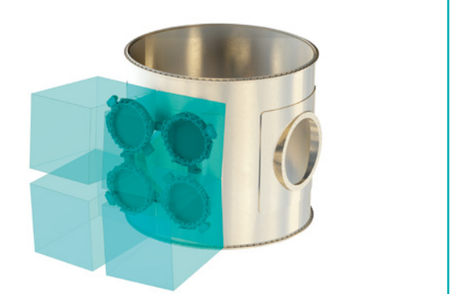
## CAKE TOPPER UP TO 1000 KG

# EXOtube

## 100% compatible with our products

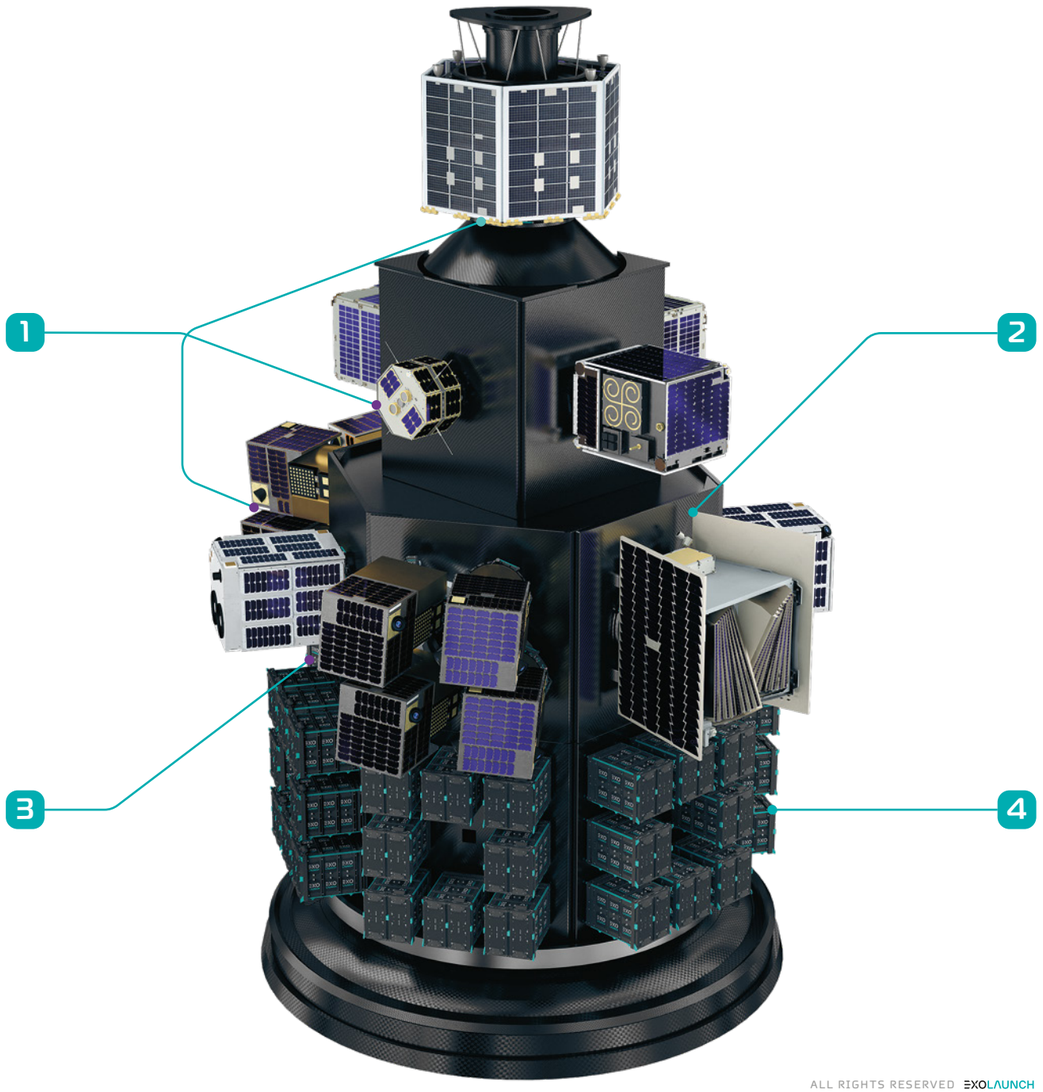
**1 CarboNIX** Separation System

**2 Quadro** Four-Point Separation System



**3 EXOport** Multi-Satellite Adapter

**4 EXOpod** Cubesat Deployer



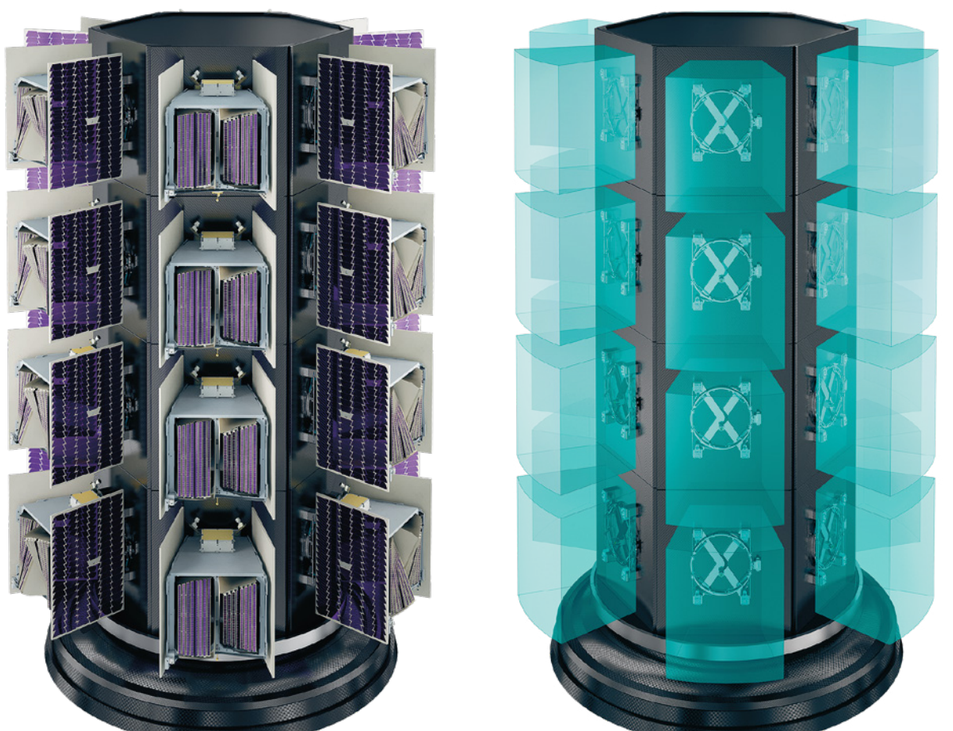
# EXOtube
# for all launch vehicle classes

Small launchers

Medium-class launchers

Heavy-class launchers

# EXOtube
# for constellation launches



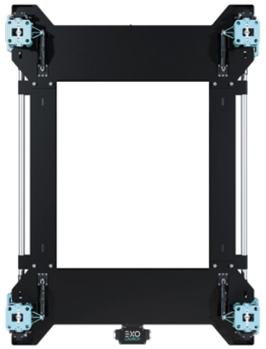
# EXOtube in Action



# Hardware for cake toppers and larger satellites

# Hardware for cake toppers and larger satellites

CarboNIX NEO



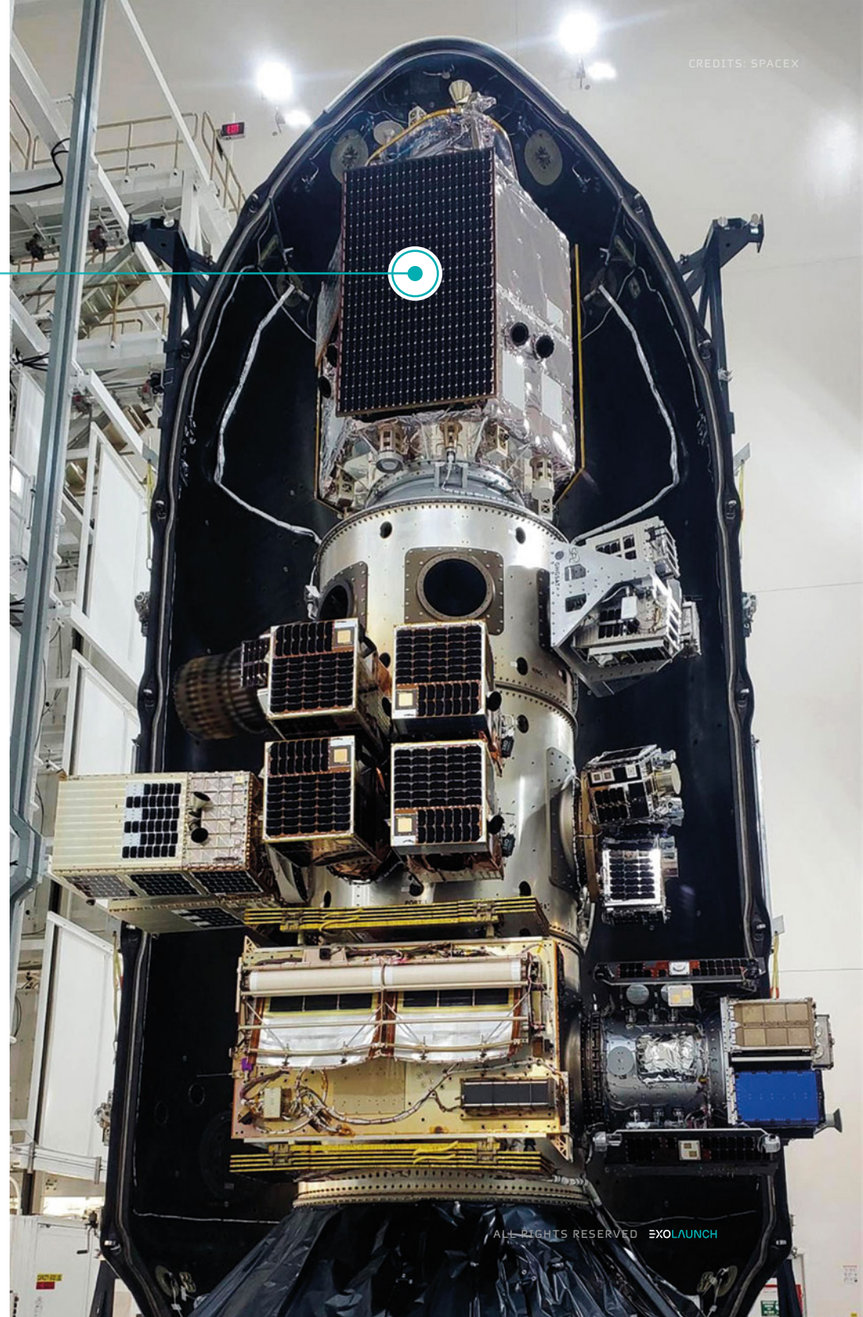
Quadro Versa

Industry-leading, patented separation systems to support deployment of satellites up to

**1000 KG**

## 100% compatible with our products

Extending our hardware capabilities to better serve the small satellite market



CREDITS: SPACEX

NEW SPACE TEAM

# We Are Our People

We aim to challenge and be challenged by our people to solve the most difficult obstacles, expanding the commercial use of space both ethically and responsibly.

EXOLAUNCH HQ IN BERLIN

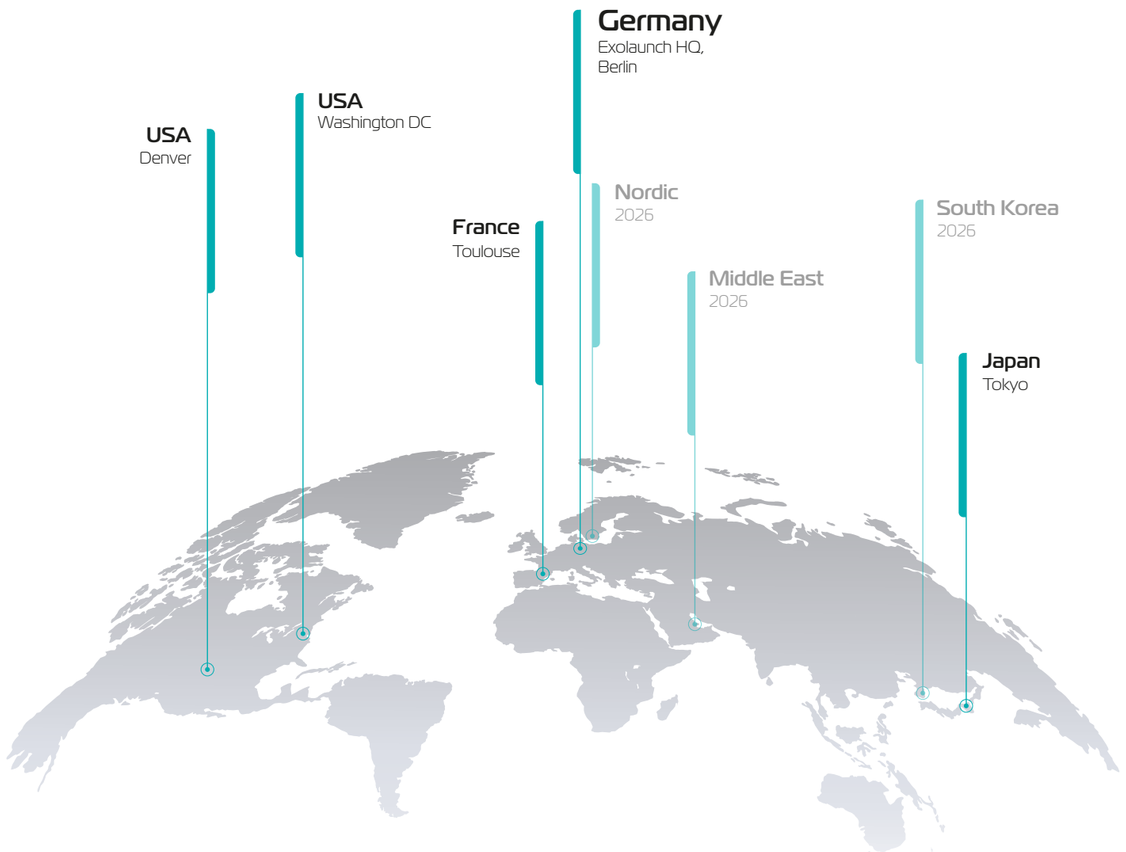

# Our Facilities in Berlin

**Headquarters**
Kemperplatz 1, 4 OG

**Logistics Facilities**
Reuchlinstr. 10

**Integration Facilities**
Lise-Meitner-Straße 39/41


# BASED IN GERMANY, OPERATING GLOBALLY

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