

EXOLAUNCH



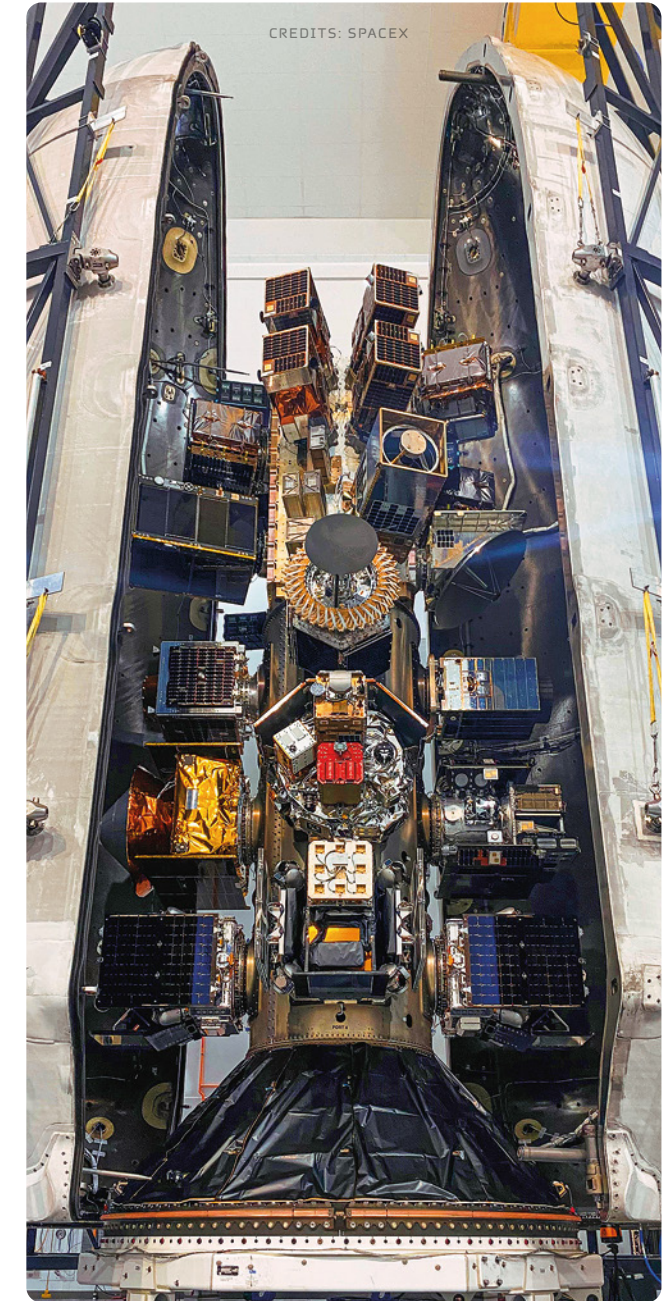
EXPLORE
NEW HORIZONS



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](https://exolaunch.com)



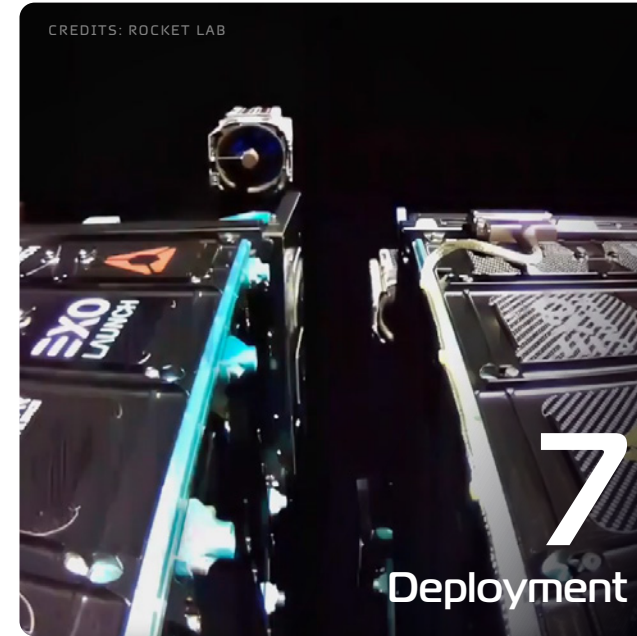
Space.
Let us take you there.

1 | LAUNCH SERVICES

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.

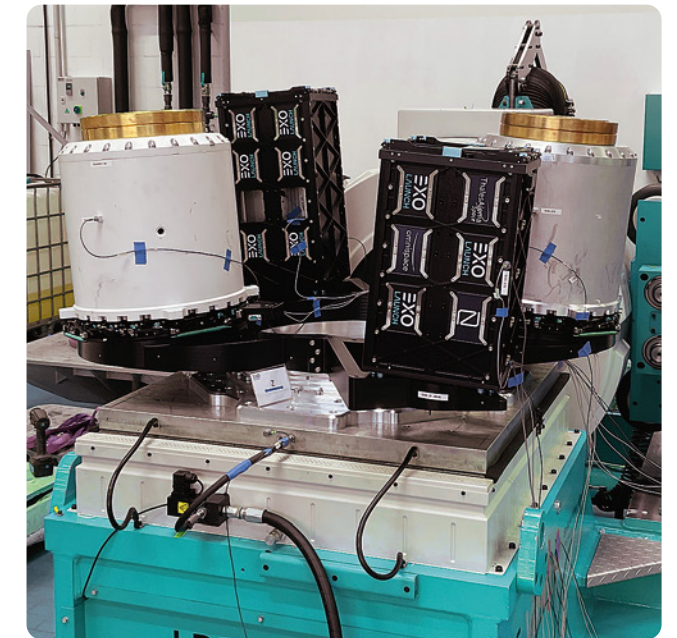
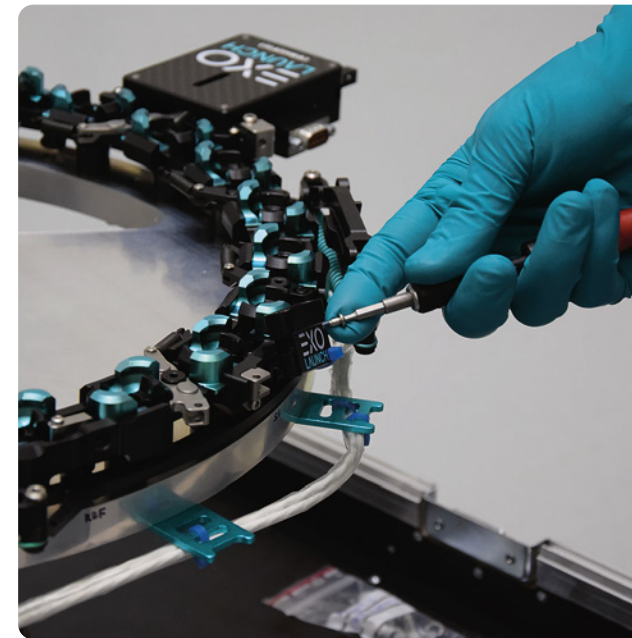
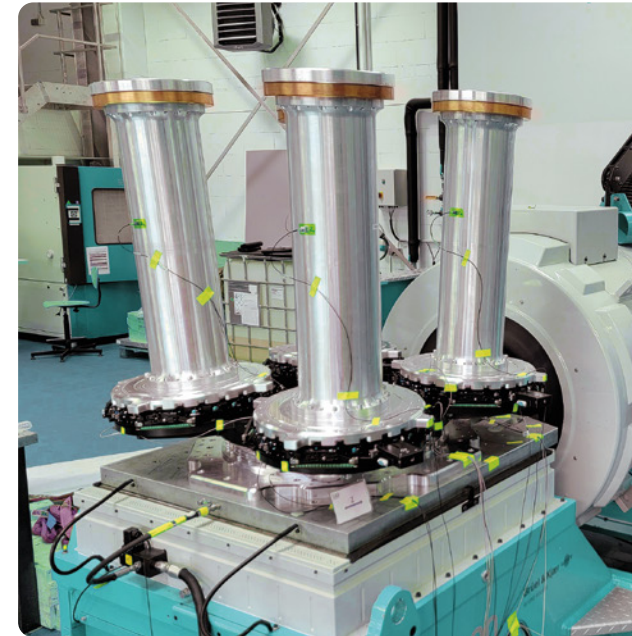




ENVIRONMENTAL TESTING

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.

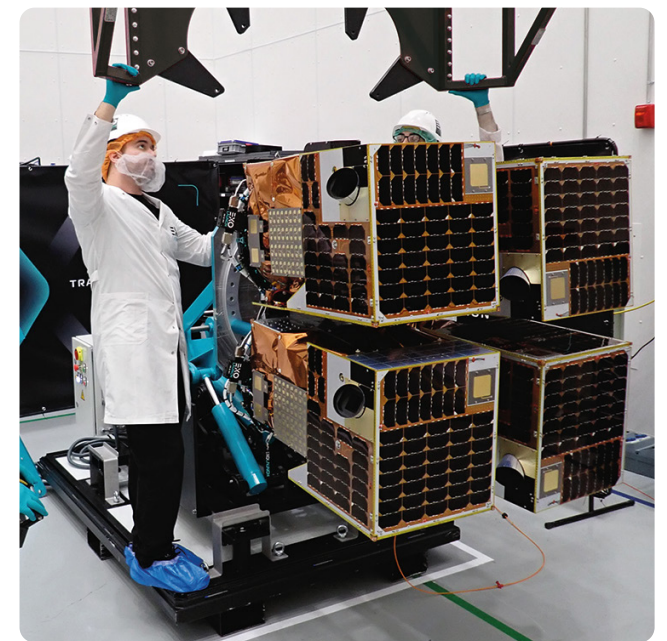
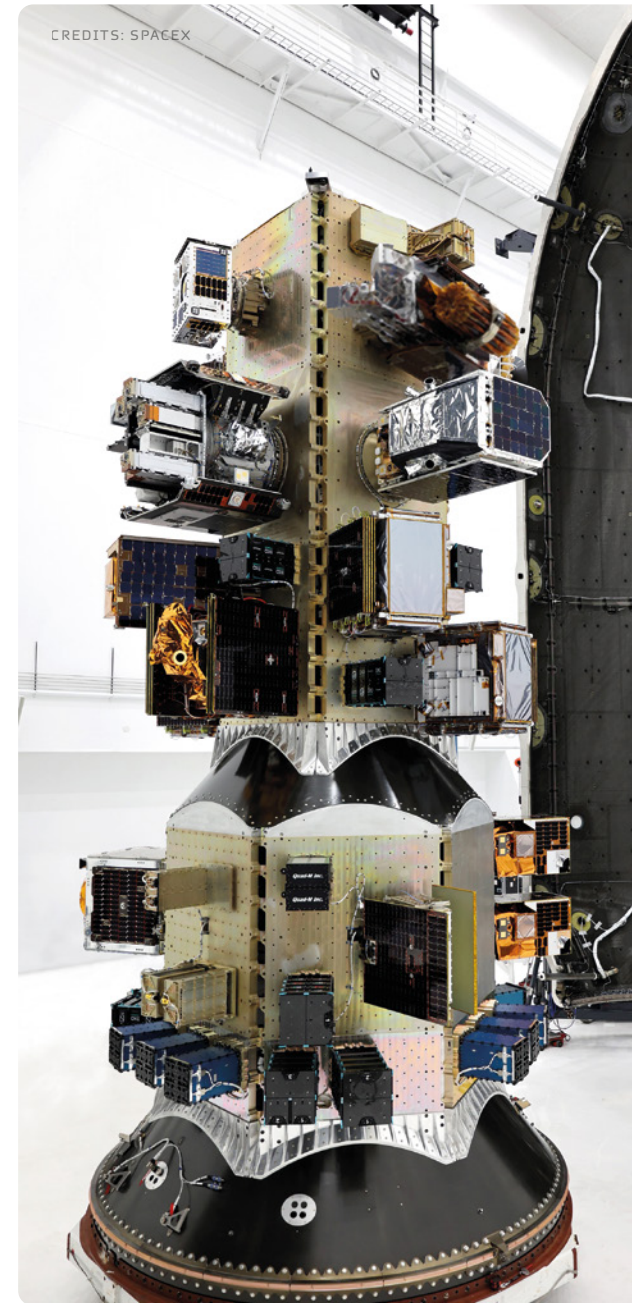




INTEGRATION SERVICES

Getting you on board

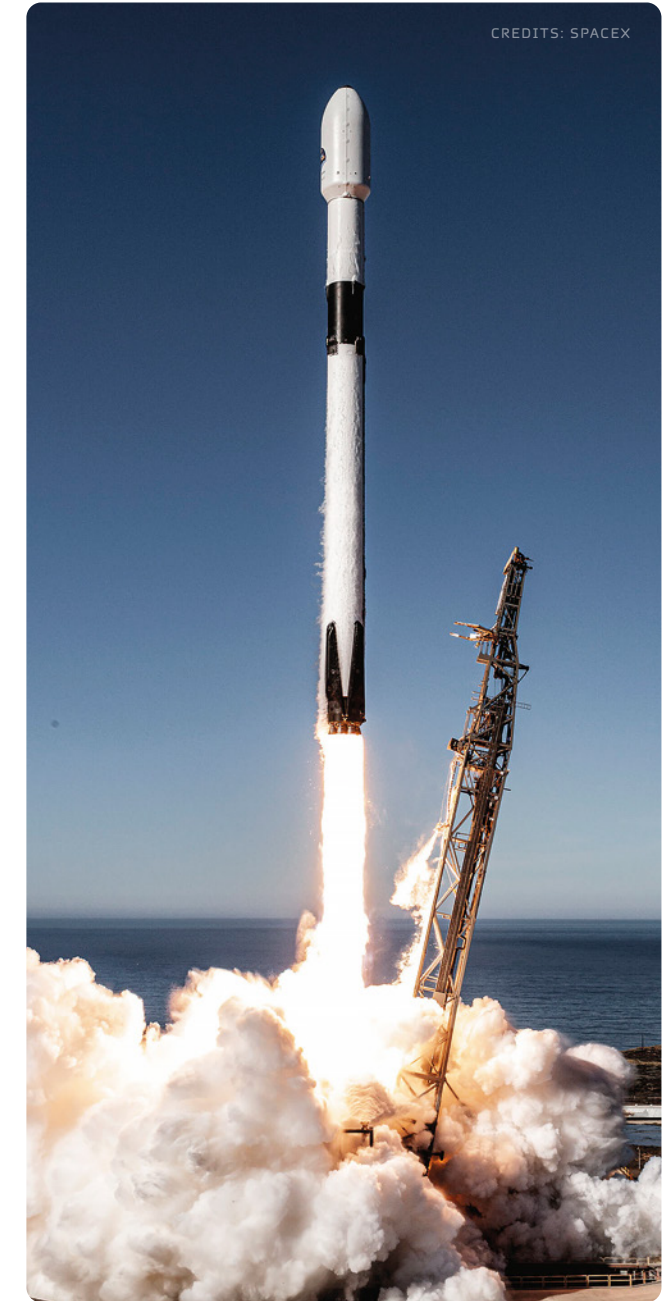
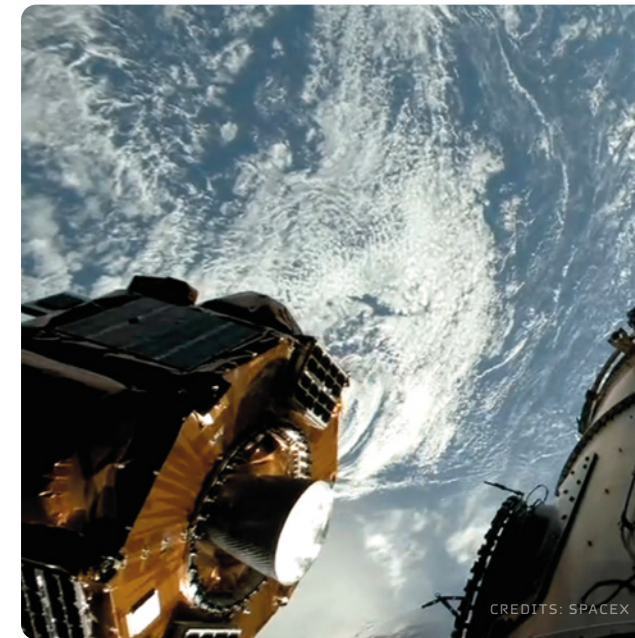
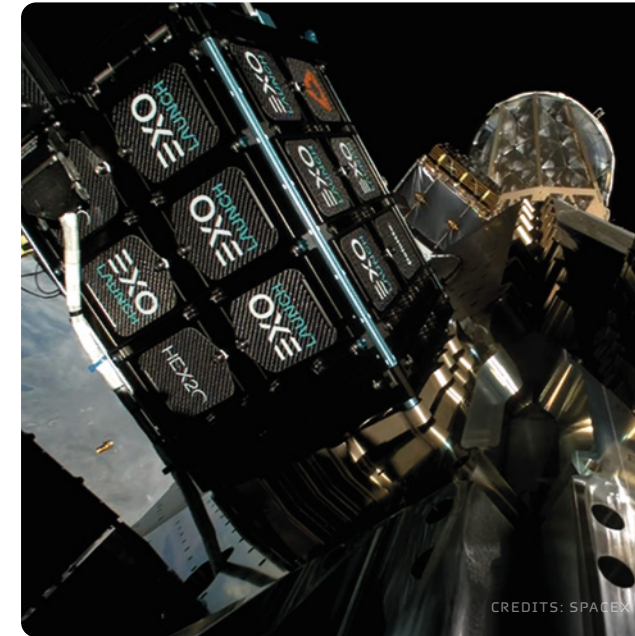
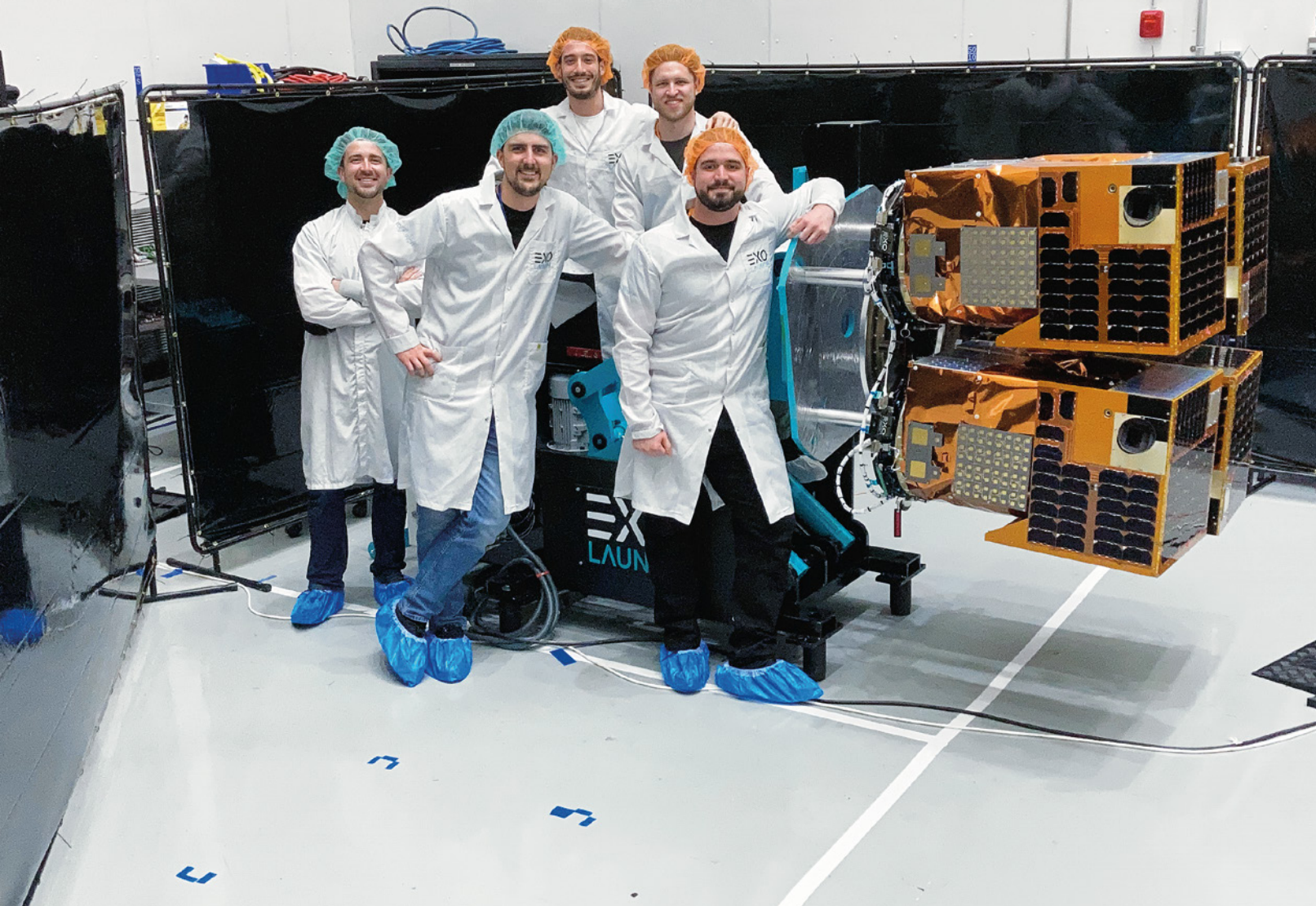
Filled with complex and exciting missions, hardware, launch vehicles and requirements, the NewSpace industry inherits the spirit of space exploration. Exolaunch brings it all together with a vast expertise across global launch vehicles and ingenious solutions to dedicated and rideshare missions. We take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



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

2 | MISSION MANAGEMENT



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



582

customer satellites
flown in total



39

missions completed

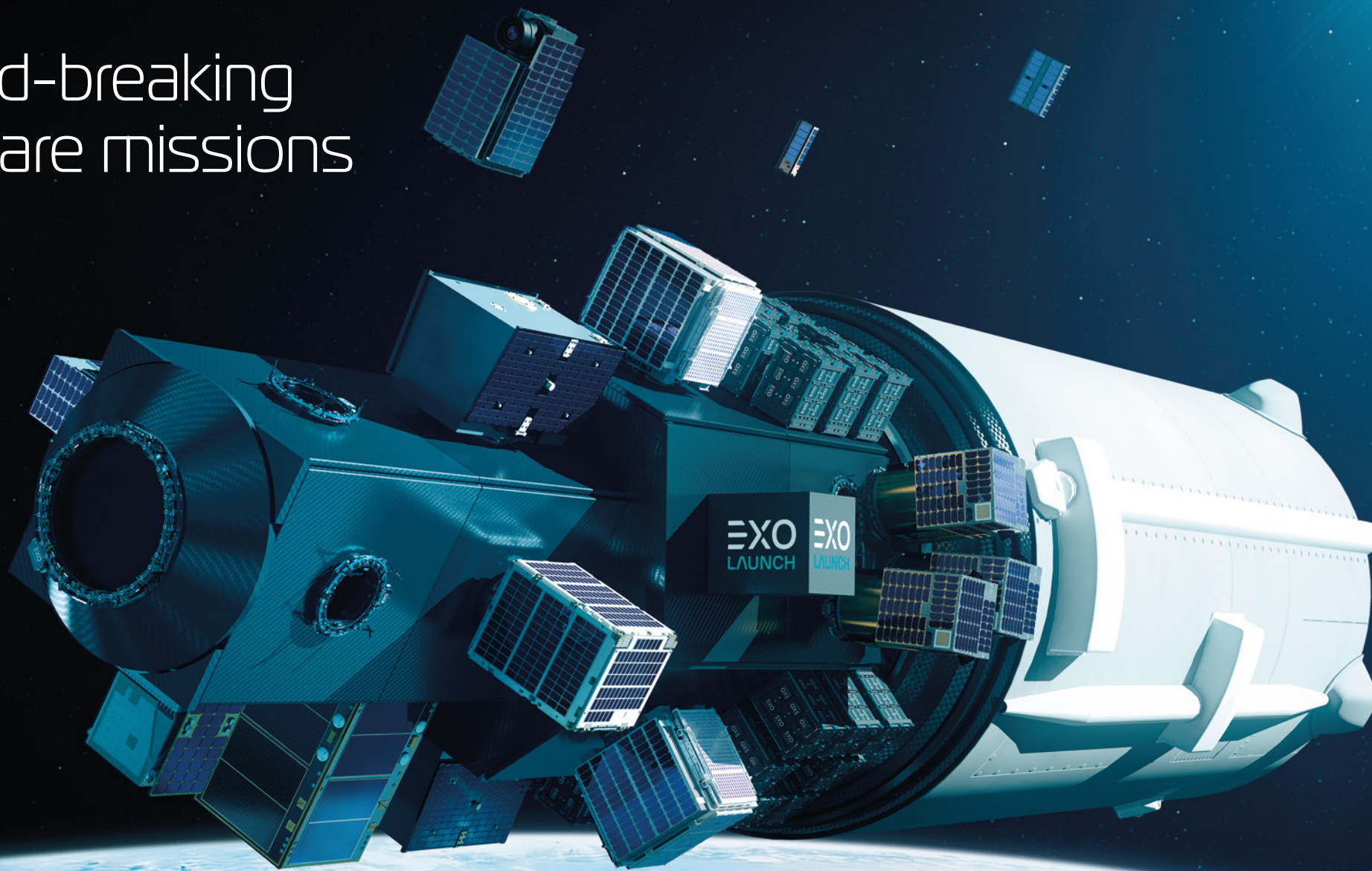


23 800

total payload mass
launched, kg



Record-breaking rideshare missions



 **582**

customer satellites
flown in total

 **39**

missions completed

 **23 800**

total payload mass
launched, kg

Fast. Trusted. Reliable.

YOUR LAUNCH INTEGRATOR FOR THE WORLD'S LEADING LAUNCH VEHICLES

460+ customer satellites
flown with **SPACEX**



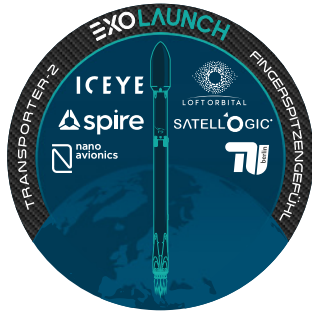
STARLINK-9
JUN 2020



STARLINK-11
AUG 2020



TRANSPORTER-1
JAN 2021



TRANSPORTER-2
JUN 2021



TRANSPORTER-3
JAN 2022



TRANSPORTER-4
APR 2022



TRANSPORTER-5
MAY 2022



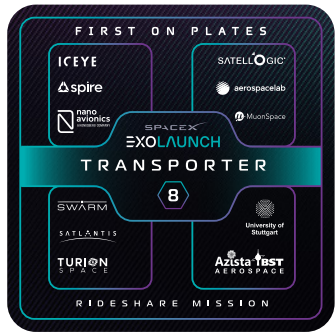
TRANSPORTER-6
JAN 2023



TRANSPORTER-7
APR 2023



GEO MISSION 1
APR 2023



TRANSPORTER-8
JUN 2023

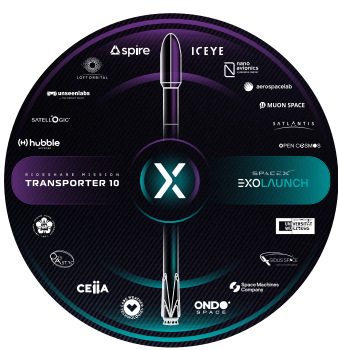


TRANSPORTER-9
NOV 2023

Fast. Trusted. Reliable.

YOUR LAUNCH INTEGRATOR FOR THE WORLD'S LEADING LAUNCH VEHICLES

460+ customer satellites
flown with **SPACEX**



TRANSPORTER-10
MAR 2024



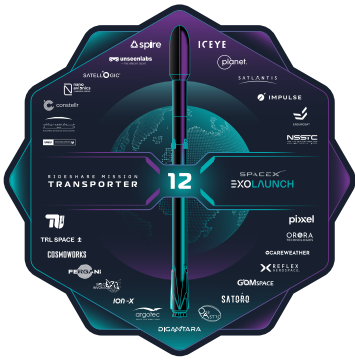
BANDWAGON-1
APR 2024



TRANSPORTER-11
AUG 2024



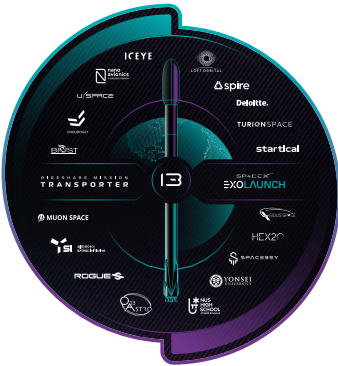
BANDWAGON-2
DEC 2024



TRANSPORTER-12
JAN 2025



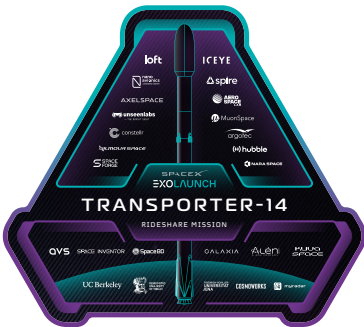
IM-2 LUNAR
FEB 2025



TRANSPORTER-13
MAR 2025



BANDWAGON-3
APR 2025



TRANSPORTER-14
JUN 2025



NAOS
AUG 2025

500+ customer satellites planned
to launch in 2025-2026

25+ missions planned
in 2025-2026



OTHER LAUNCHERS IN 2023-2025



ELECTRON
JUL 2023



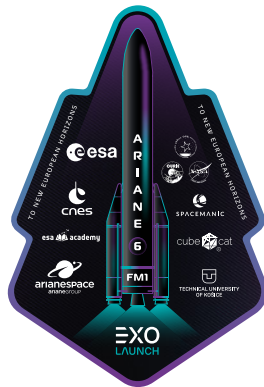
PSLV-C56
JUL 2023



ELECTRON
JAN 2024



ELECTRON
APR 2024



ARIANE 6
JUL 2024



ELECTRON
MAR 2025



ELECTRON
JUN 2025



Deployment
technologies

3 | SEPARATION SYSTEMS



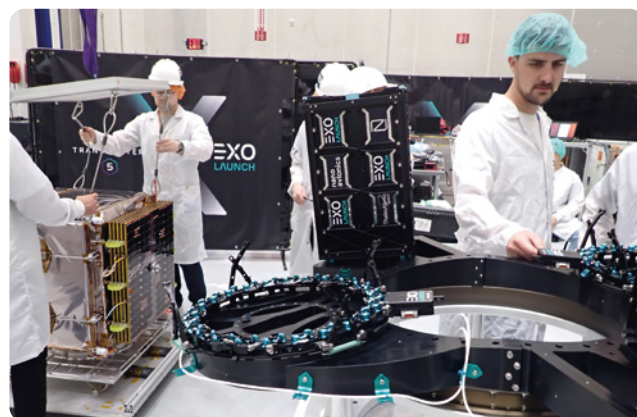
Flight-proven mission critical hardware



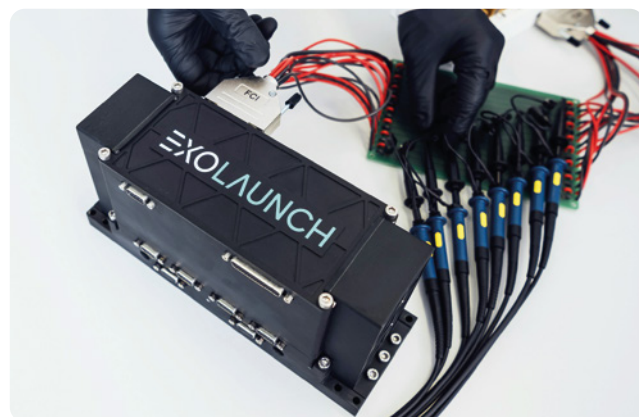
1 EXOpod Cubesat Deployer



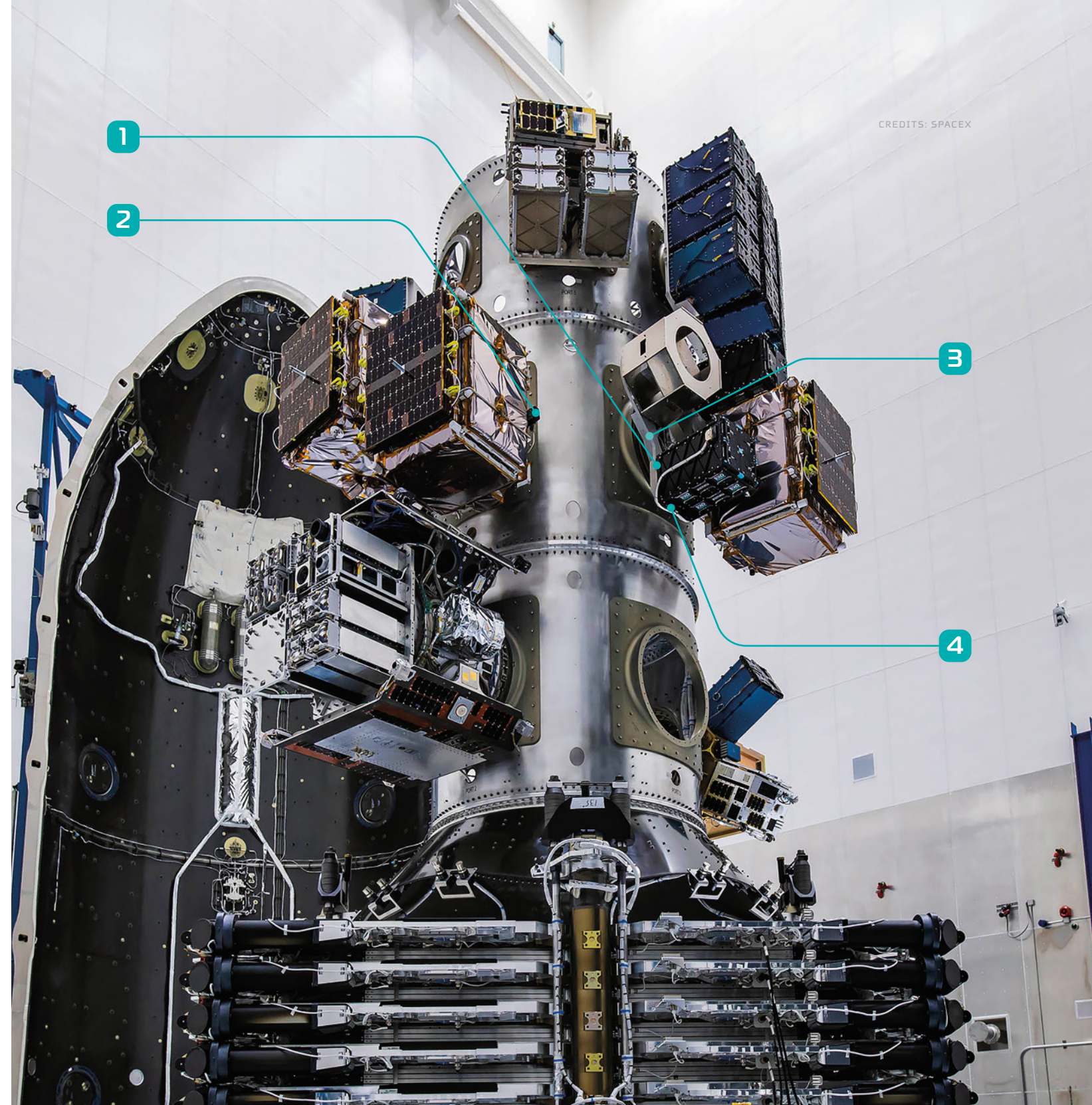
2 CarboNIX Separation System



3 EXOport Multi-Satellite Adapter



4 EXObbox Deployment Sequencer



EXOpod

Cubesat deployer

FLIGHT HERITAGE
SINCE 2017

31
missions

382
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	CLAMPING MECHANISM
	Flight-ready on multiple launch vehicles and quickly adaptable to most launchers on the market.	Cubesats are secured in their slots using our industry-leading clamping mechanism once the doors are locked.
FLEXIBILITY	FAST RESET TIME	INCREASED AVAILABLE MASS
Fast-growing flight record of cubesats ranging from 0.25U to 16U.	EXOpod can be integrated, triggered and reset in a matter of minutes.	Higher available mass than any other deployer catering to cubesats on the market.
ACCESS WINDOWS	FLIGHT HERITAGE	ITAR-FREE
Windows on three sides of the deployer provide access to the cubesat within, useful for inspection, testing and RBF pin removal after integration.	EXOpods successfully deployed cubesats since 2017.	The system is not subject to export restrictions of any kind.
		MADE IN GERMANY

EXOpod in Action



EXOpod AIR

FLIGHT HERITAGE
H1, 2026

Cubesat deployer



With a mass as low as 6.5kg, **EXOpod AIR** is the **lightest cubesat deployer** ever developed.

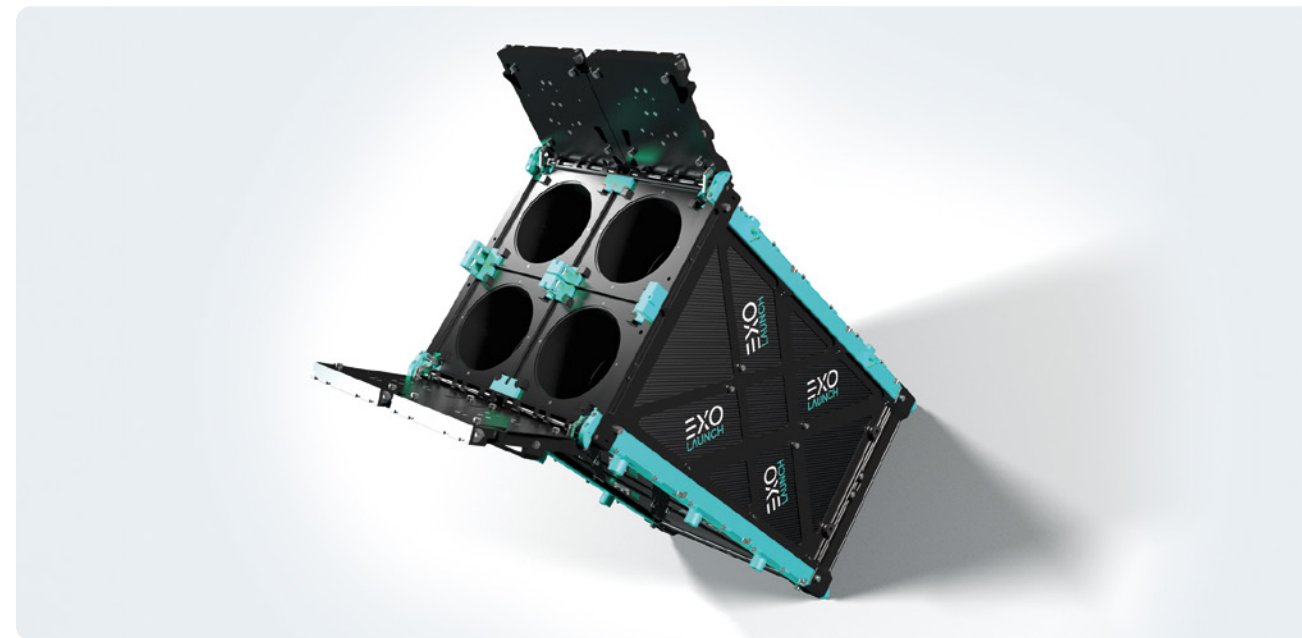
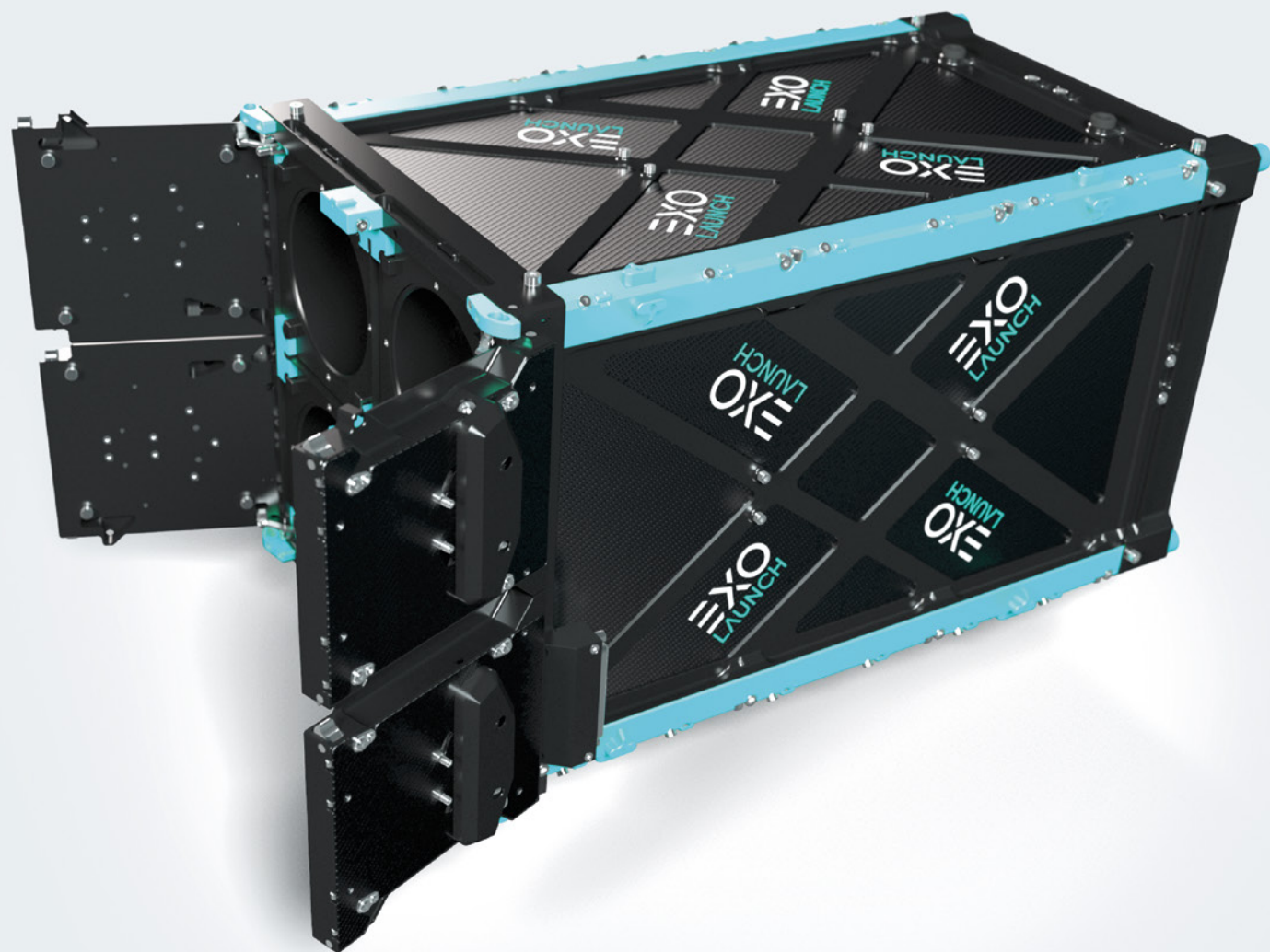
Leveraging advanced materials and manufacturing processes, as well as twelve years of cubesat deployment experience, it combines the simple and safe operation of EXOpod Nova with an **ultra-lightweight design** that doesn't compromise on performance, reliability or cost.

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

EXOpod AIR Fact Sheet

	COMPATIBILITY	CLAMPING MECHANISM
	Tailored for the new generation of small launchers, OTVs and all missions where every gram counts.	A flagship feature of the EXOpod family ensures that your cubesat is held in place safely when integrated into AIR.
AS LIGHT AS AIR	FAST INTEGRATION TIME	ACCESS WINDOWS
EXOpod AIR offers the lowest cubesat deployer mass on the market. Send more payload to orbit.	Cubesats can be integrated safely within minutes. Ideal for preparing cubesat constellations for launch.	Removable windows offer last minute access to you satellite for RBF removal, software updates or charging.
MODULAR	FLIGHT HERITAGE	ITAR-FREE
The 8U, 12U, 12UXL and 16U AIR sizes can be configured for any combination of cubesat from 0.25U to 16U.	AIR builds on the heritage of the EXOpod family which has delivered 400+ cubesats to orbit. Flawlessly.	Like all Exolaunch products, AIR is not subject to export restrictions of any kind.
		MADE IN GERMANY

EXOpod AIR



CarboNIX

FLIGHT HERITAGE
SINCE 2019

Scalable microsatellite
separation system

25

missions

165

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

FLIGHT HERITAGE
IN 2025

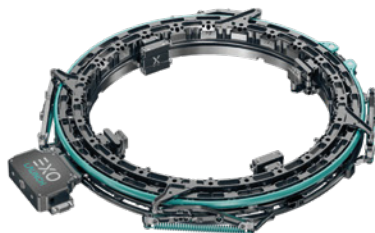
Scalable microsatellite
separation system



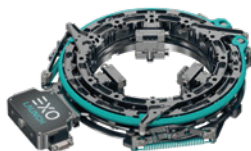
CarboNIX NEO 31,6"



CarboNIX NEO 24"



CarboNIX NEO 15"



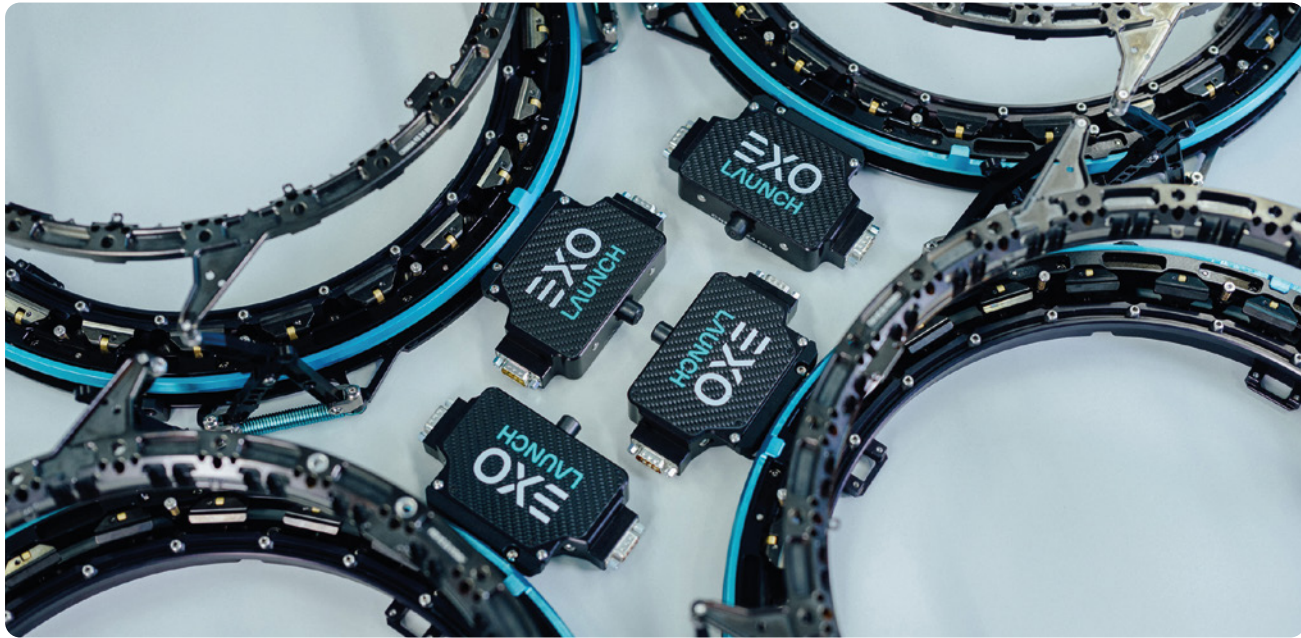
CarboNIX NEO 8"

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	HIGH STRENGTH
	Extremely low separation shock thanks to a decoupled clamp and pusher arm system.	NEO is the only separation system which can launch any satellite mass within the Transporter limits.
FAST RESET TIME	CLUSTER COMPATIBLE	FLEXIBLE
Designed for maximum ease of use, the system can be integrated, triggered, and reset in minutes.	Linear deployment with average tumbling rate <1°/s after release due to our proprietary synchronized pusher arm system.	Scalable from 8" to 38.81" and larger diameters to accommodate any satellite on any launch vehicle.
FLIGHT HERITAGE	ITAR-FREE	MADE IN GERMANY
Lock mechanism and pusher arms have flight heritage with CarboNIX across dozens of launches and deployments. NEO will fly on multiple missions in 2025.	CarboNIX NEO is free from any export restrictions, making it the most accessible system in the world.	

CarboNIX NEO in Action



Quadro Arrow

FLIGHT HERITAGE
SINCE 2025

Four-point microsatellite
separation system

2
missions

2
microsats
flown



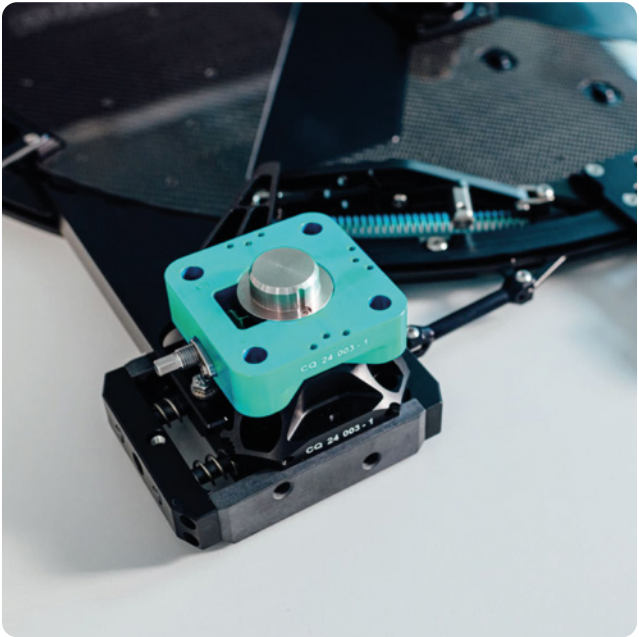
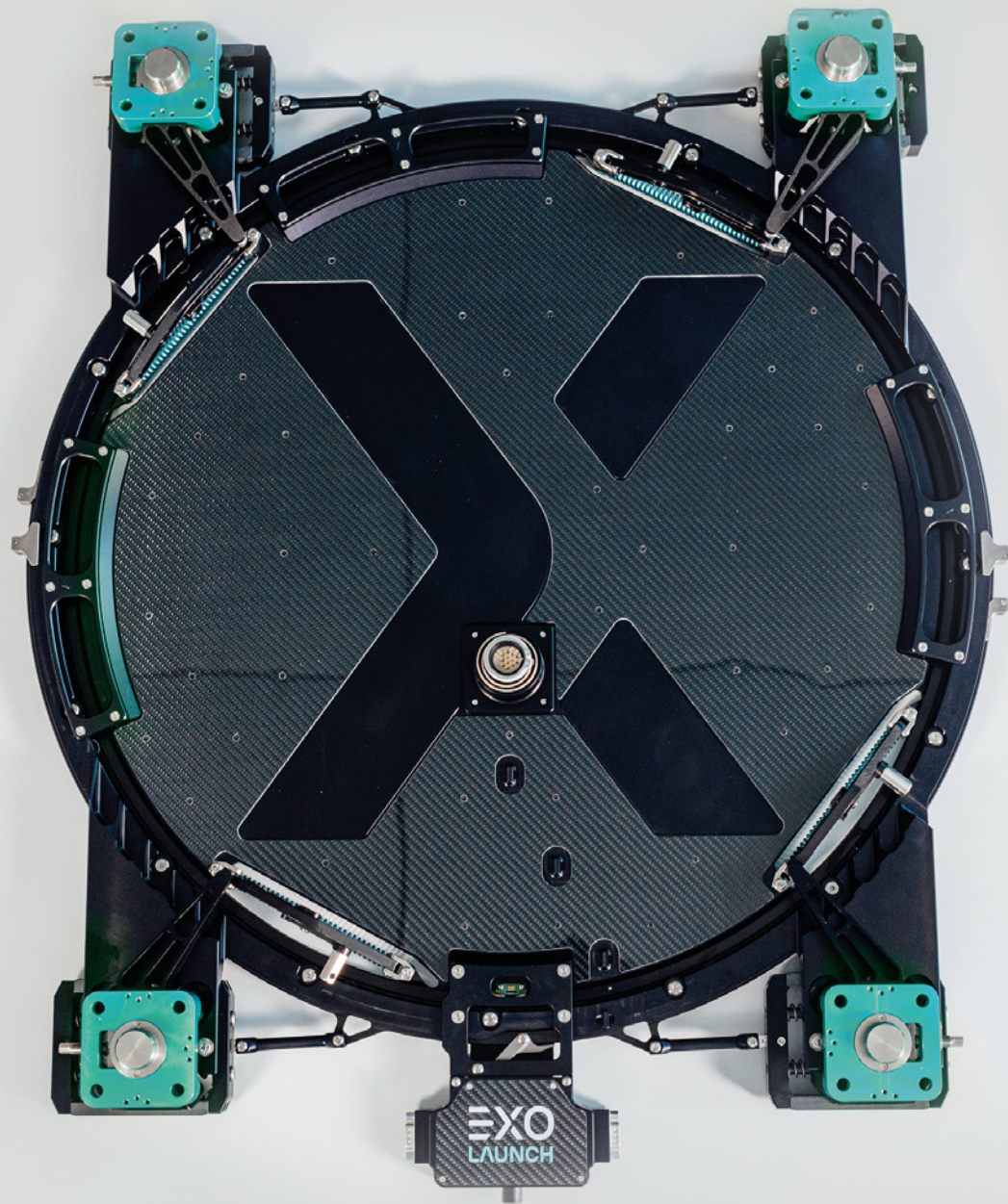
Quadro expands the capabilities of Exolaunch's microsatellite separation systems with a four-point offering tailored to match the Arrow 150 satellite with masses **up to 250 kg**. It is currently the only separation system which is qualified to fly the Arrow 150 platform on the SpaceX Transporter missions.

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 blend of flight-proven technology and cutting edge four-point design securing access to orbit for the next generation of microsatellite buses.

Quadro Arrow Fact Sheet

	MECHANICALLY SYNCHRONIZED	TAILORED INTERFACE
	Only one signal is needed to precisely release all four points, preventing the need for costly and complex multiplexers.	Quadro Arrow 150 has been designed to meet the strength, stiffness and interface requirements of the Arrow 150 bus.
SHOCK-FREE DEPLOYMENT	LOW TUMBLING	FAST RESET TIME
No pyrotechnics ensures your payload remains intact after deployment.	The patented CarboNIX pusher arm system has an average tip-off rate of 0.6°/s in all three axes.	Flight-proven, simple and robust magnetic locks are quick to reset.
FLIGHT HERITAGE	ITAR-FREE	MADE IN GERMANY
Quadro Arrow acquired successful flight heritage on Transporter-13 and Transporter-14 and will be used for dozens of deployments on the upcoming missions.	Quadro is not subject to export restrictions of any kind.	

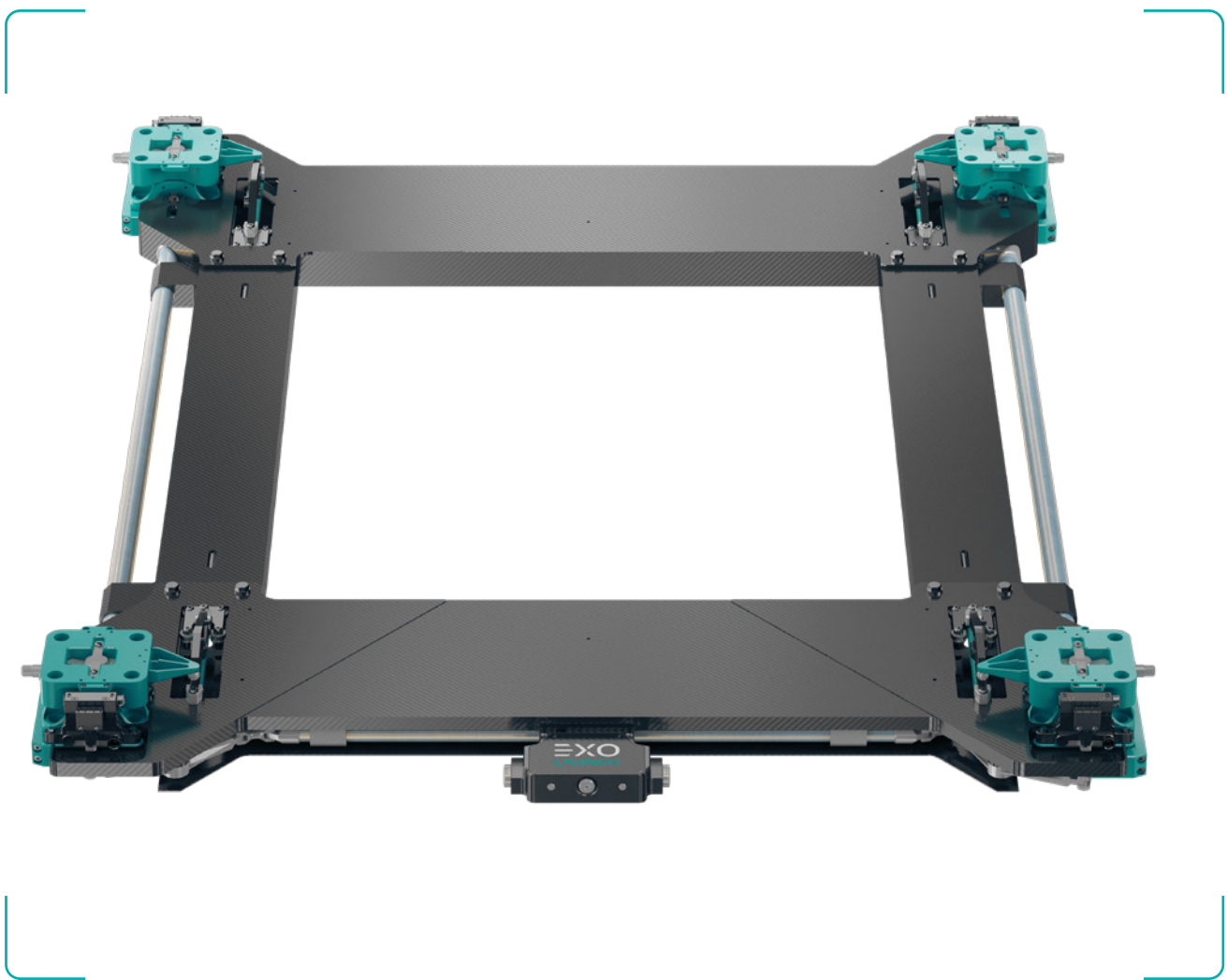
Quadro Arrow in Action



Quadro Versa

FLIGHT HERITAGE
IN HI, 2026

Four-point microsatellite
separation system



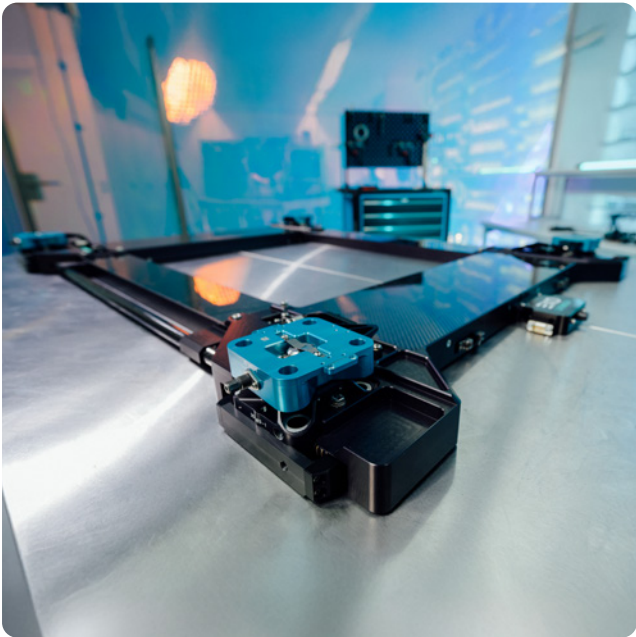
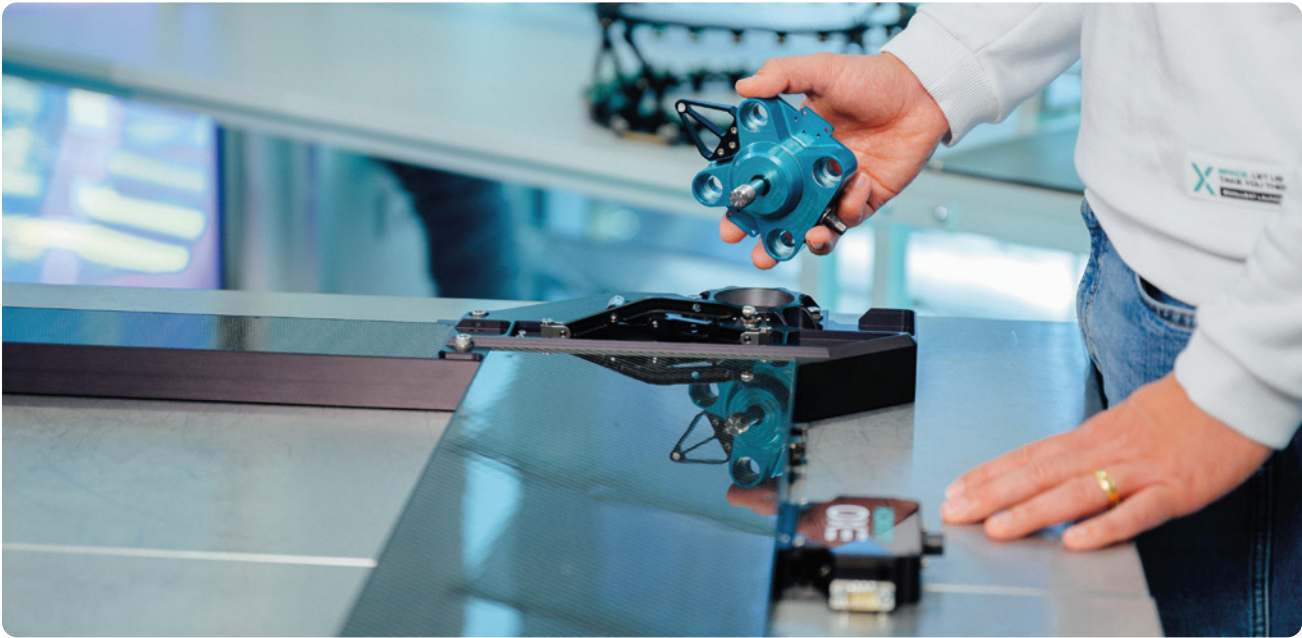
Quadro Versa expands the capabilities of Exolaunch's microsatellite separation systems with a four-point offering tailored to satellites weighing **up to 1000 kg** and flying on SpaceX Rideshare plates.

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	SCALABLE DESIGN
	Only one signal is needed to precisely release all four points, preventing the need for costly and complex multiplexers.	Synchronizing elements between the HDRMs are designed to easily scale in size to support any footprint.
SHOCK-FREE DEPLOYMENT	LOW TUMBLING	FAST RESET TIME
No pyrotechnics ensures your payload remains intact after deployment.	The patented CarboNIX pusher arm system has an average tip-off rate of 0.6°/s in all three axes.	Flight-proven, simple and robust magnetic locks are quick to reset.
FLIGHT HERITAGE	ITAR-FREE	MADE IN GERMANY
Critical subsystems like lock mechanism and pusher arms have flight heritage across dozens of missions.	Quadro is not subject to export restrictions of any kind.	

Quadro Versa in Action

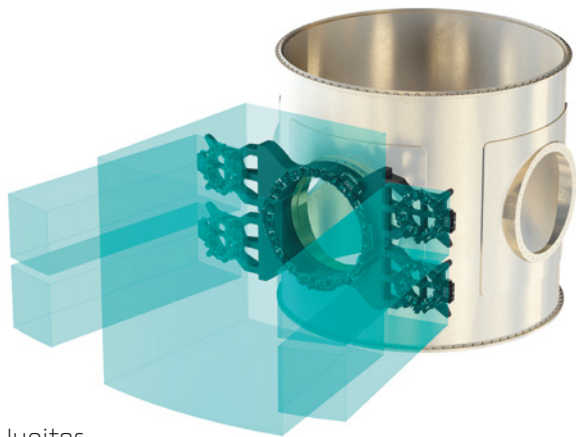


EXOport (Multi-satellite adapter)

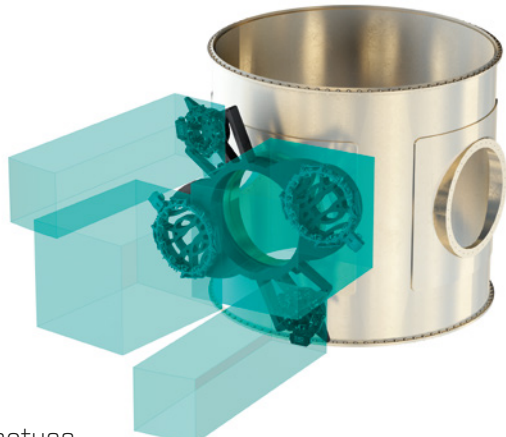
FLIGHT HERITAGE
SINCE 2021

8
missions

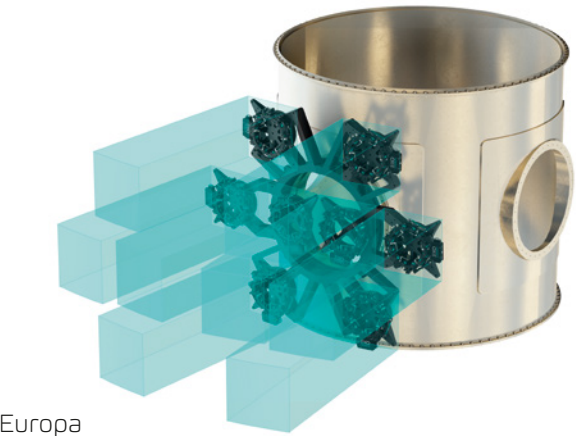
20
EXOports
flown



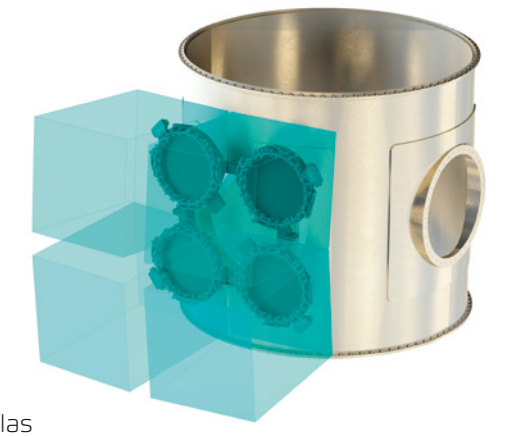
Jupiter



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

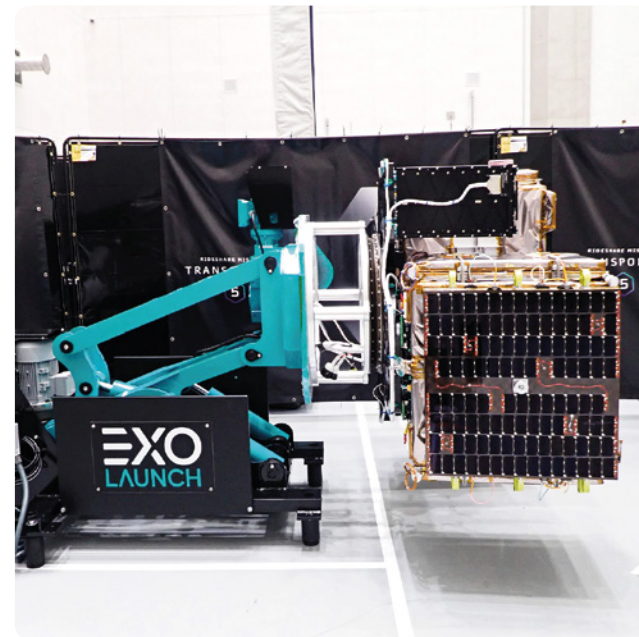
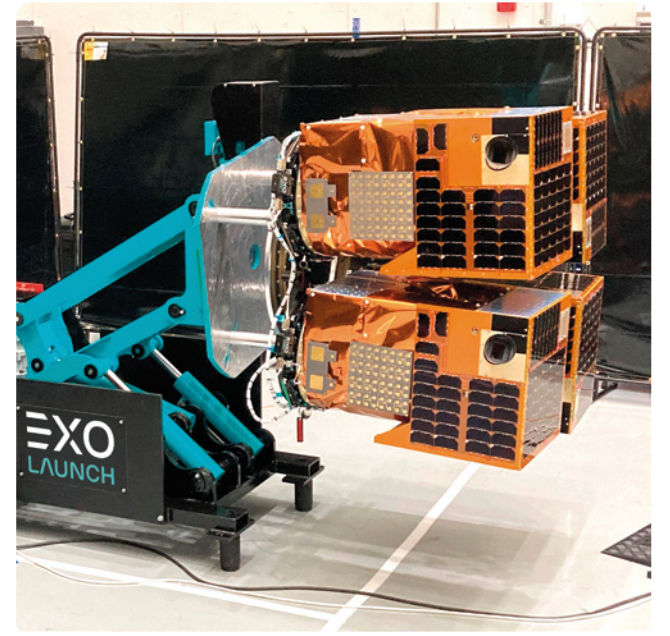
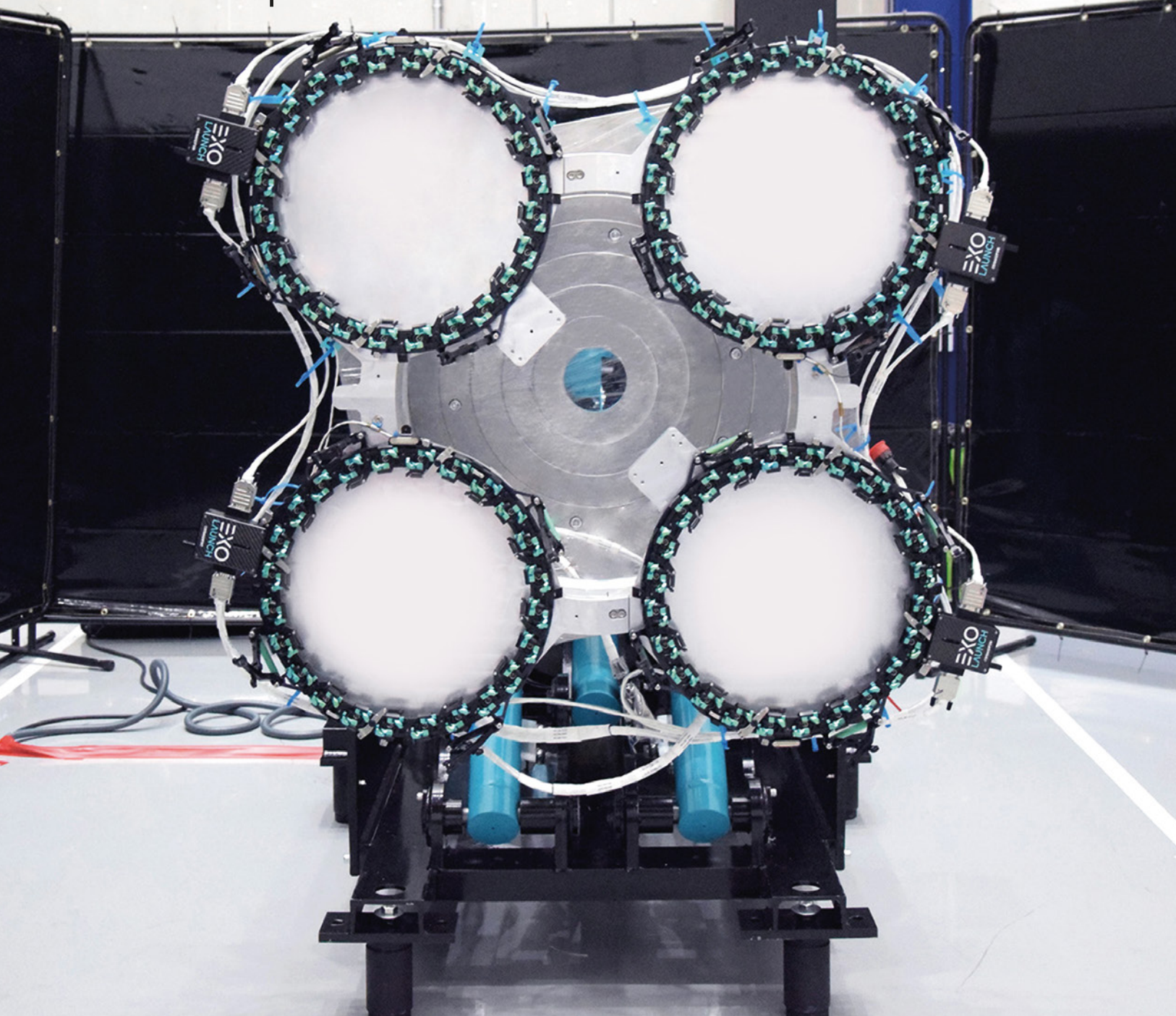
Make the most of every kilo. Whether you are a cubesat or a 500 kg microsat, EXOport is the best solution to optimize the mass and volume utilized on your port.

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

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**.

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

1000 kg

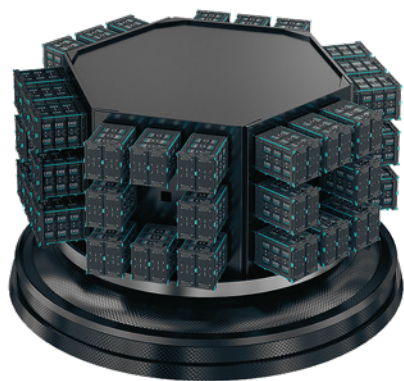


Unmatched modularity

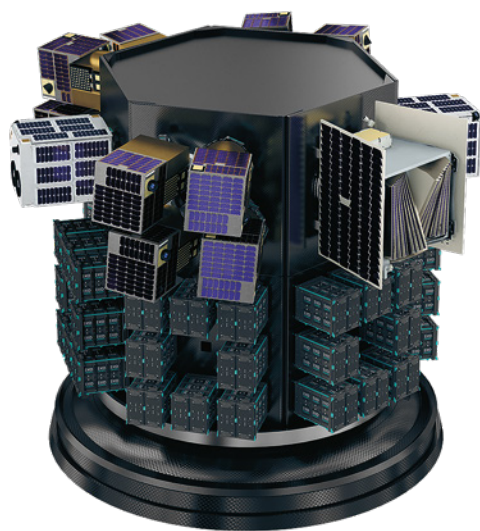
Thanks to design modularity and adaptability, EXOtube can be easily integrated with small launchers and traditional middle and heavy class launch vehicles.

EXOtube is equipped with Exolaunch's on-board cameras system to record satellites separation into orbit and to provide invaluable 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



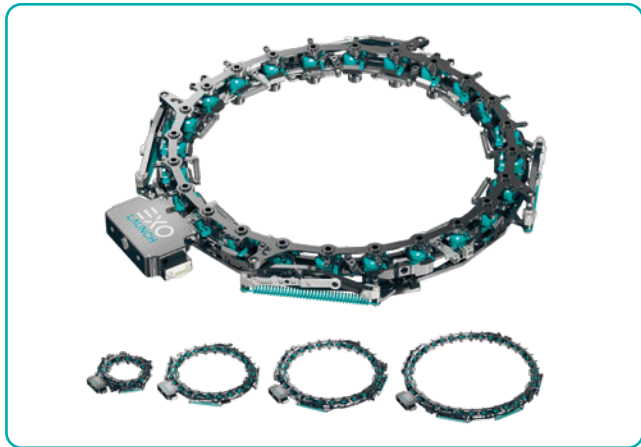
EXOTUBE FULL STACK
CONFIGURATION

TOP LEVEL
CAKE TOPPER
UP TO 1000 KG

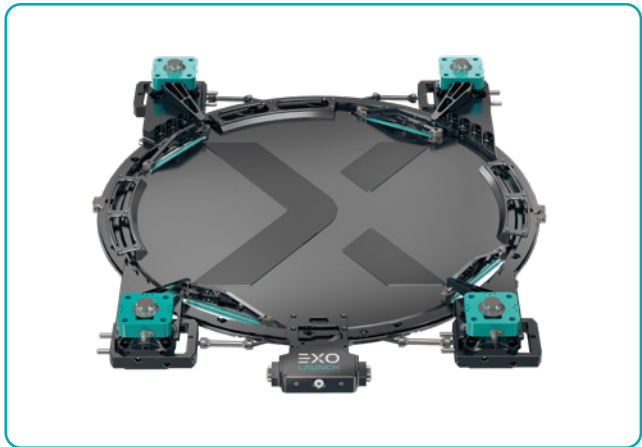


EXOtube

100% compatible with our products



1 CarboNIX Separation System



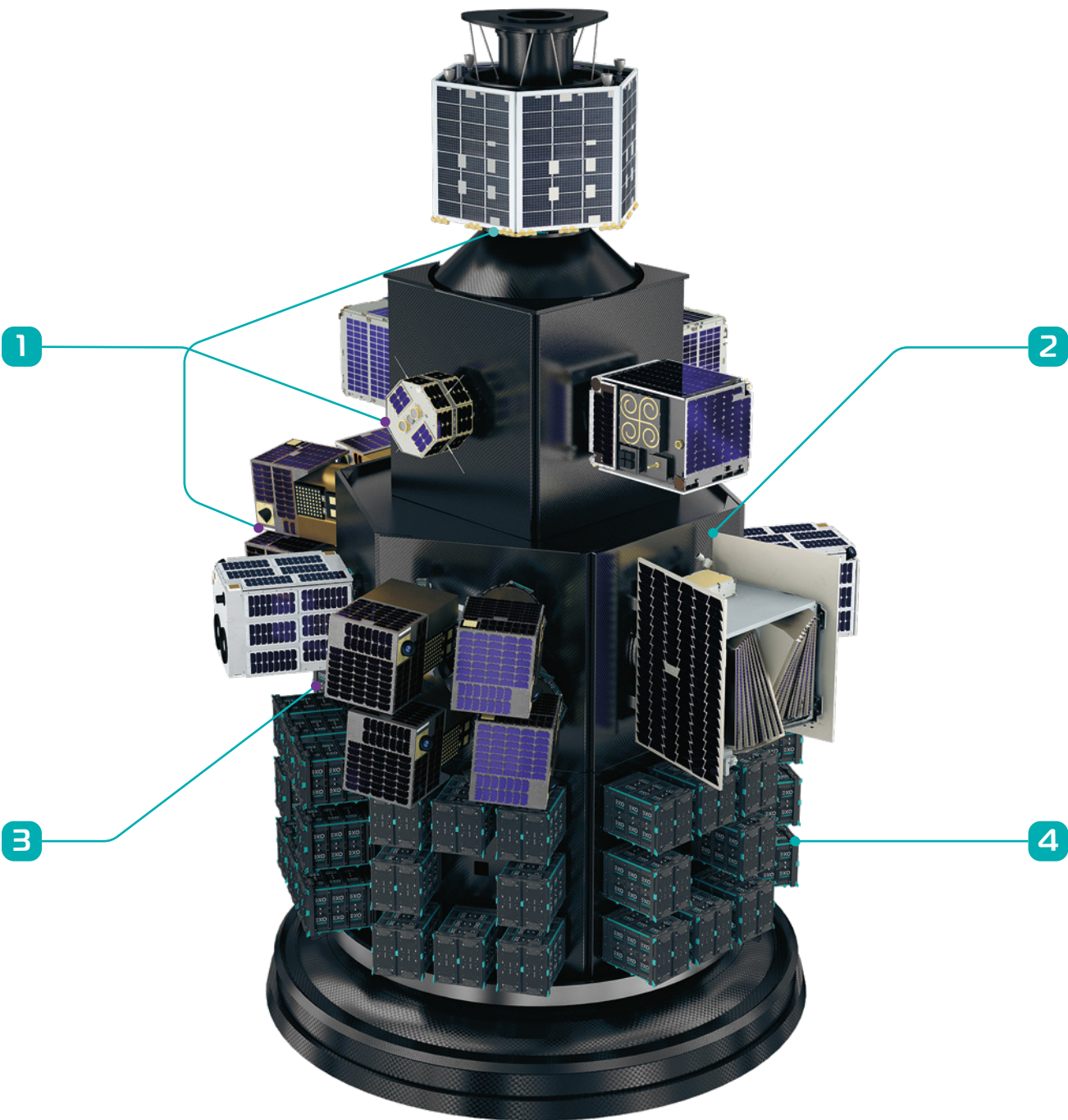
2 Quadro Four-Point Separation System



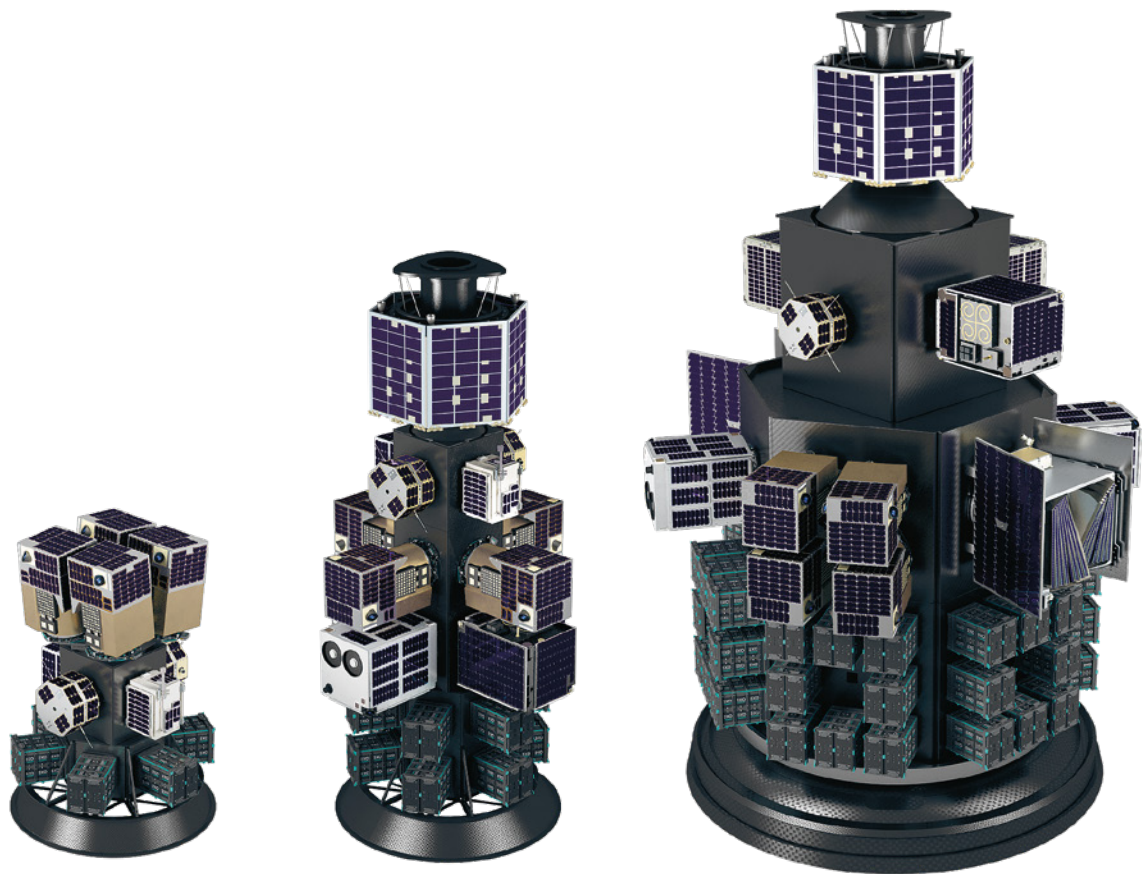
3 EXOport Multi-Satellite Adapter



4 EXOpod Cubesat Deployer



EXOtube for all launch vehicle classes

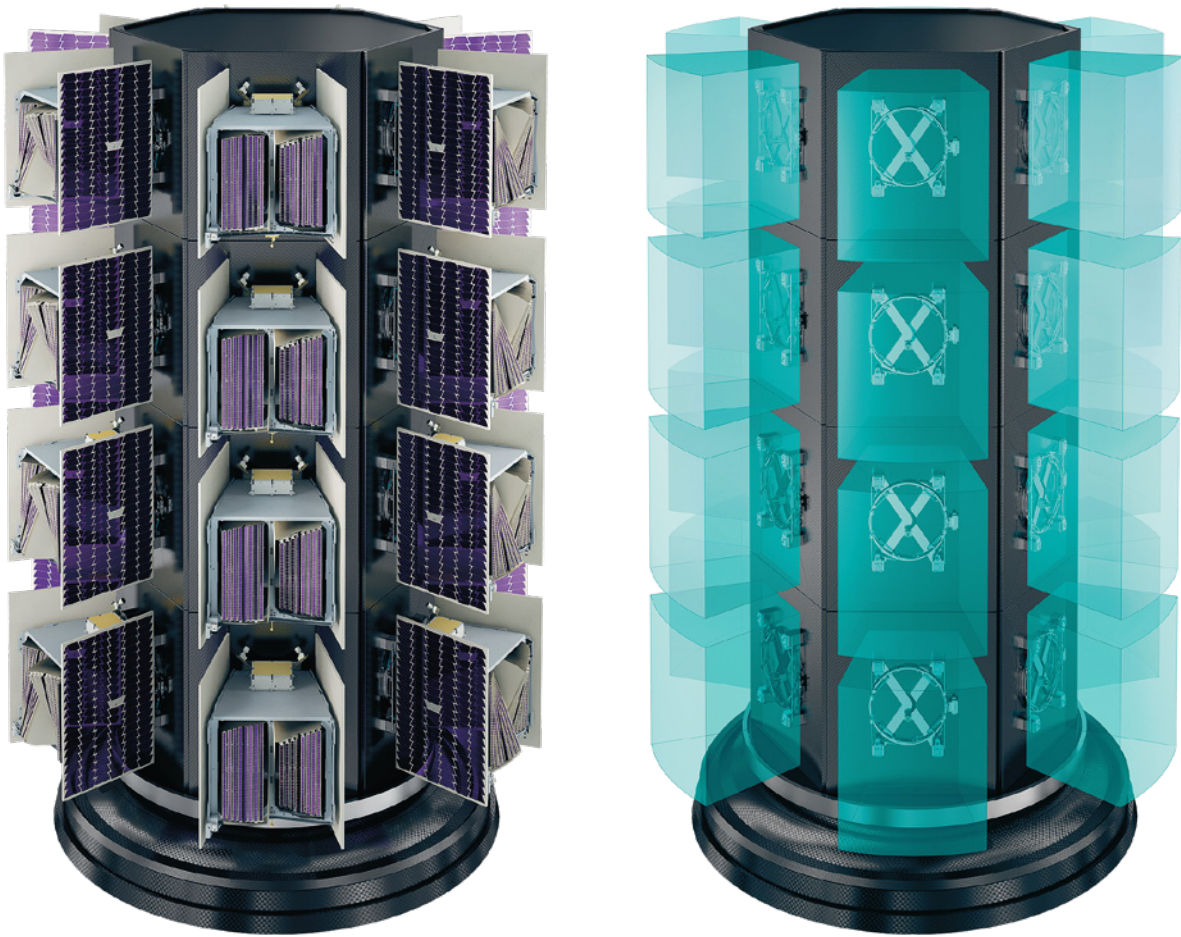


Small
launchers

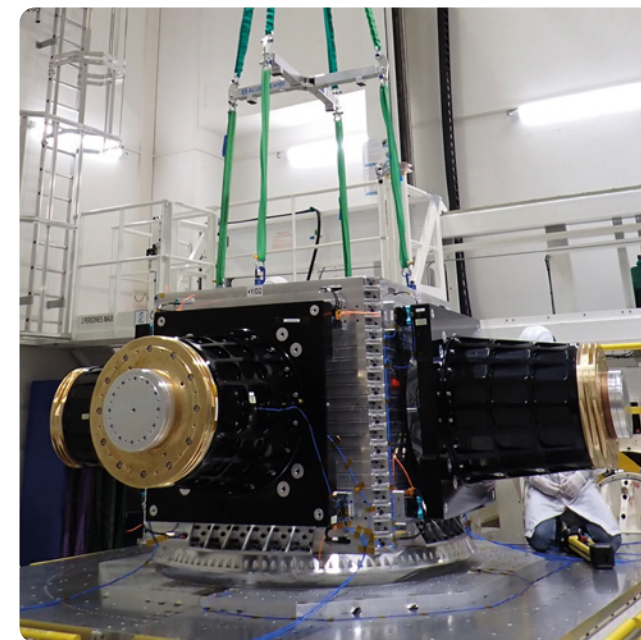
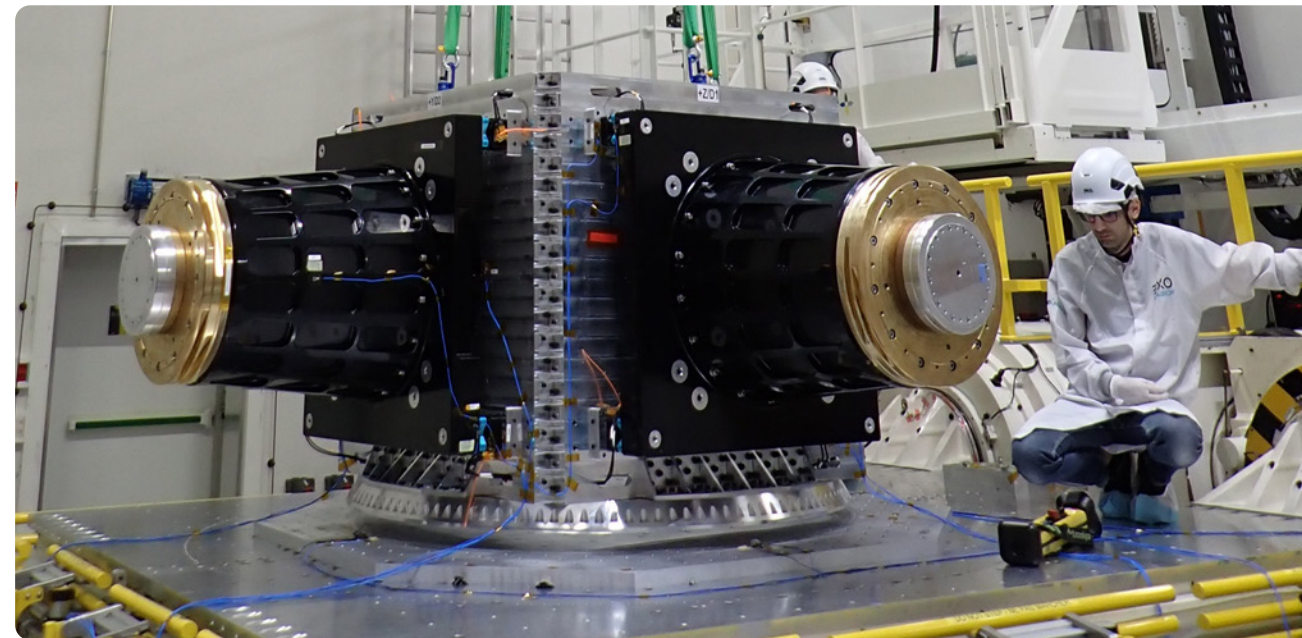
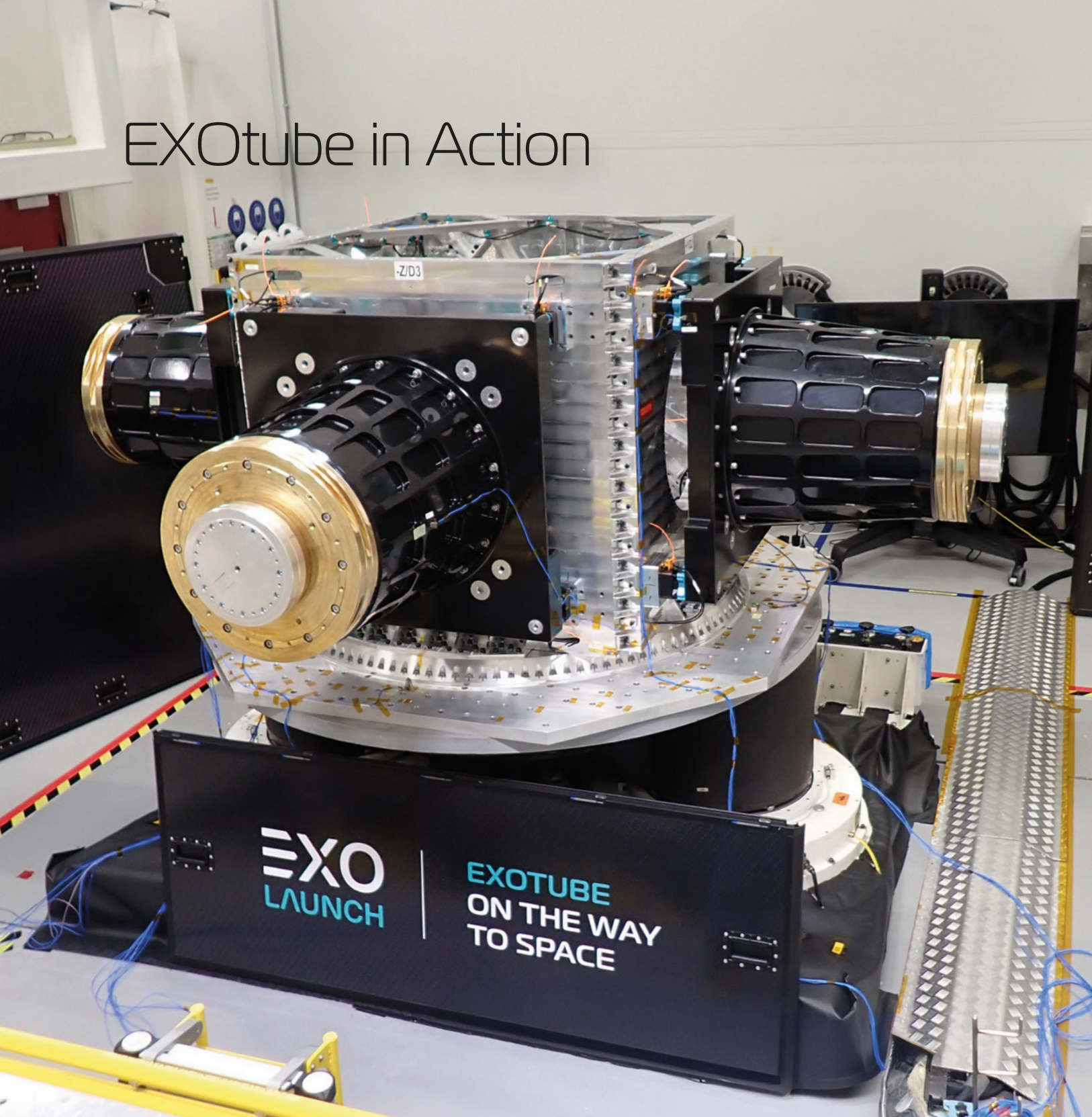
Medium-class
launchers

Heavy-class
launchers

EXOtube for constellation launches



EXOtube in Action



Hardware for cake toppers and larger satellites

CarboNIX NEO
or Quadro Versa



Hardware for cake toppers and larger satellites



CarboNIX NEO



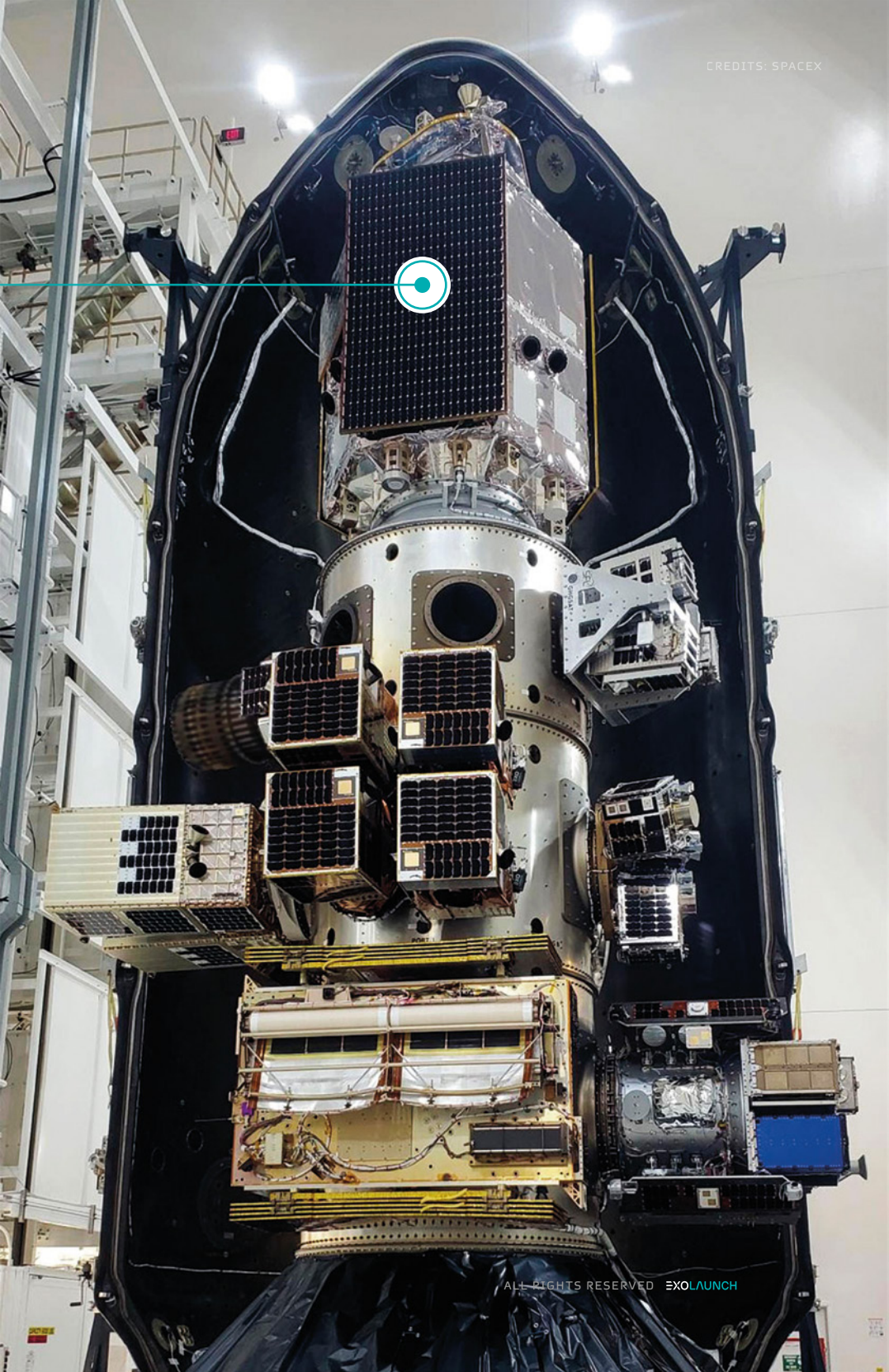
Quadro Versa

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



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NEW SPACE TEAM

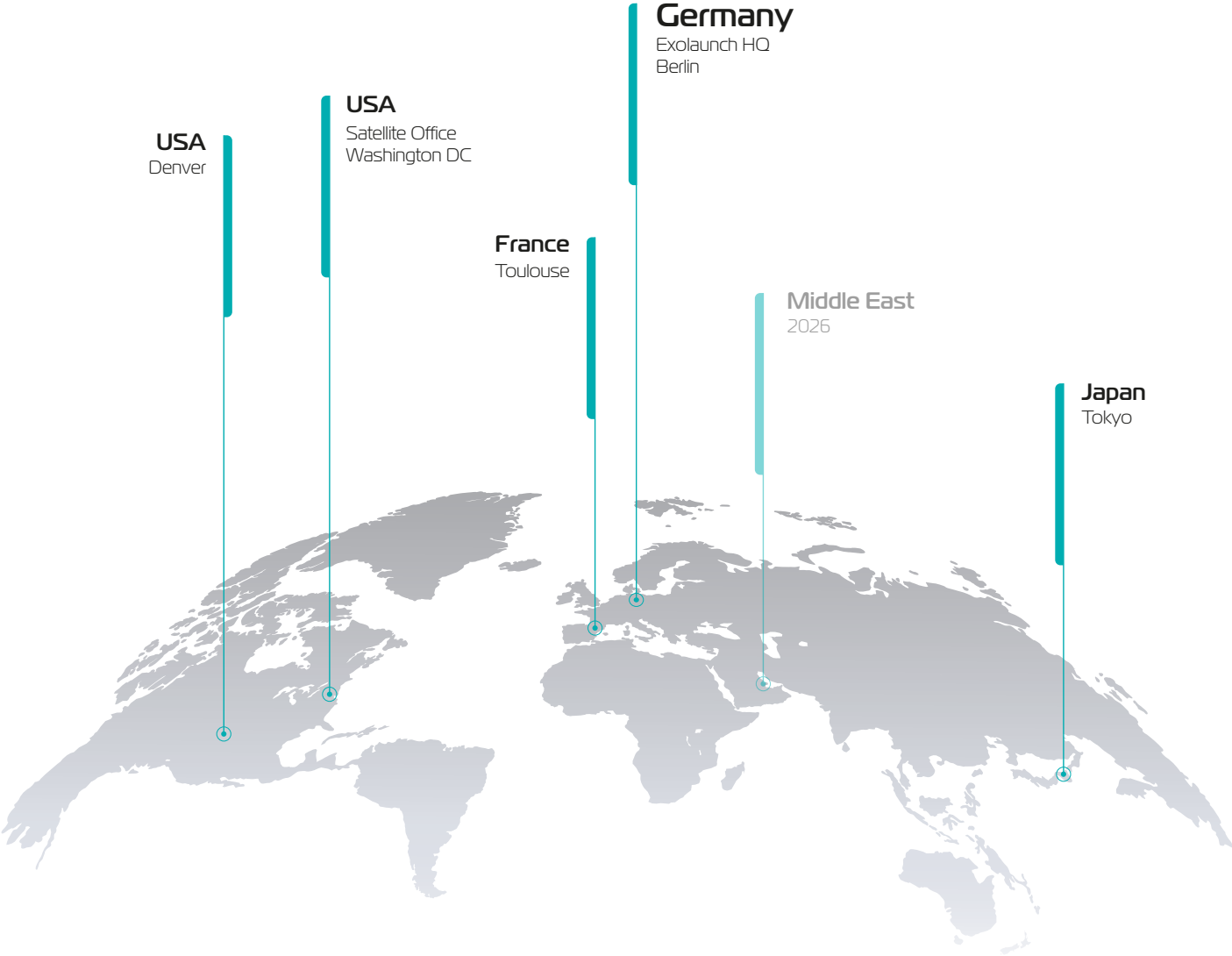
We Are Our People

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



BASED IN GERMANY, OPERATING GLOBALLY



VISIT [EXOLAUNCH.COM](https://exolaunch.com)

