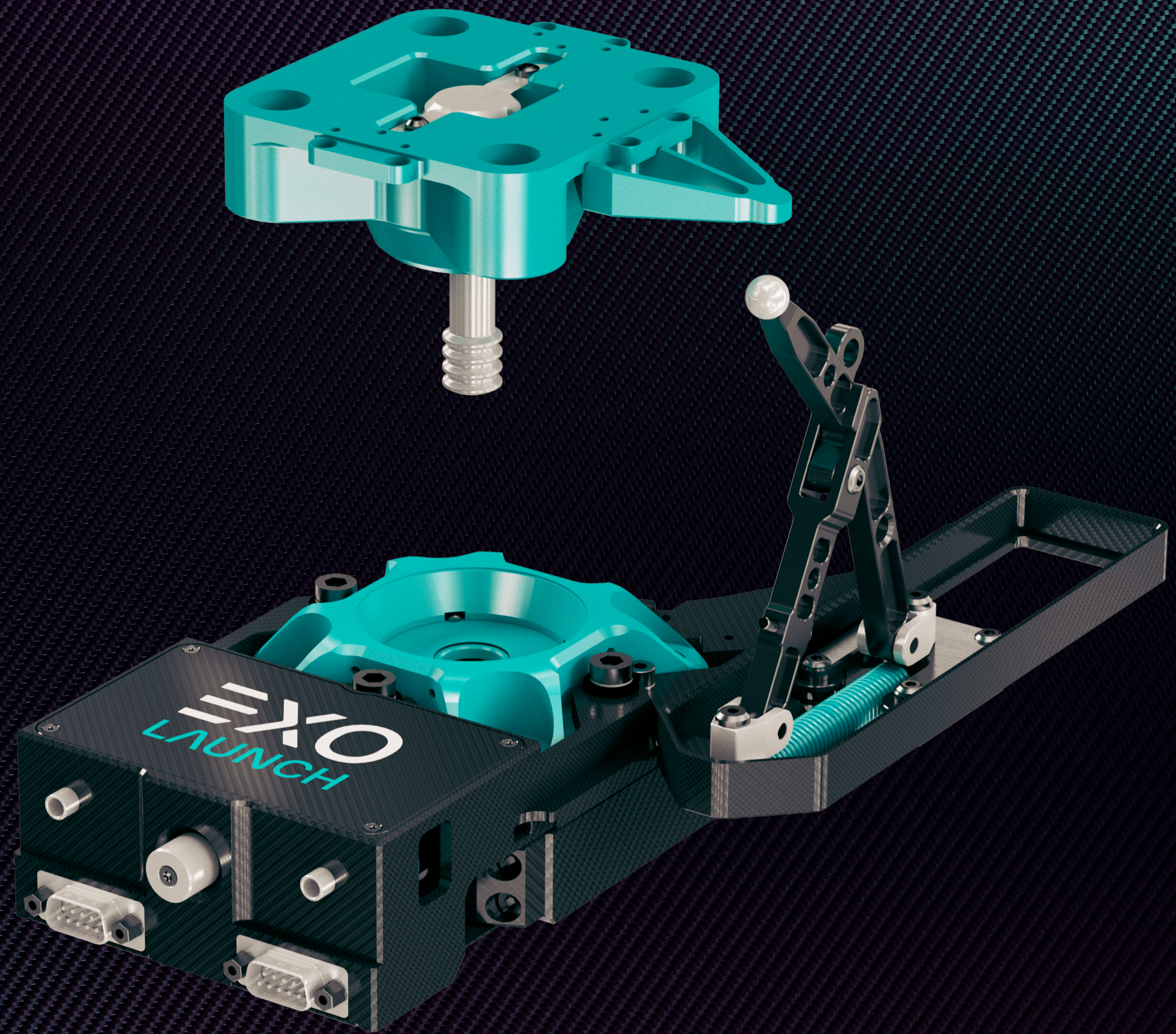


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Quadro Flex



Four-point microsatellite
separation system

INTRODUCING
Quadro Flex

Four-point microsatellite
separation system

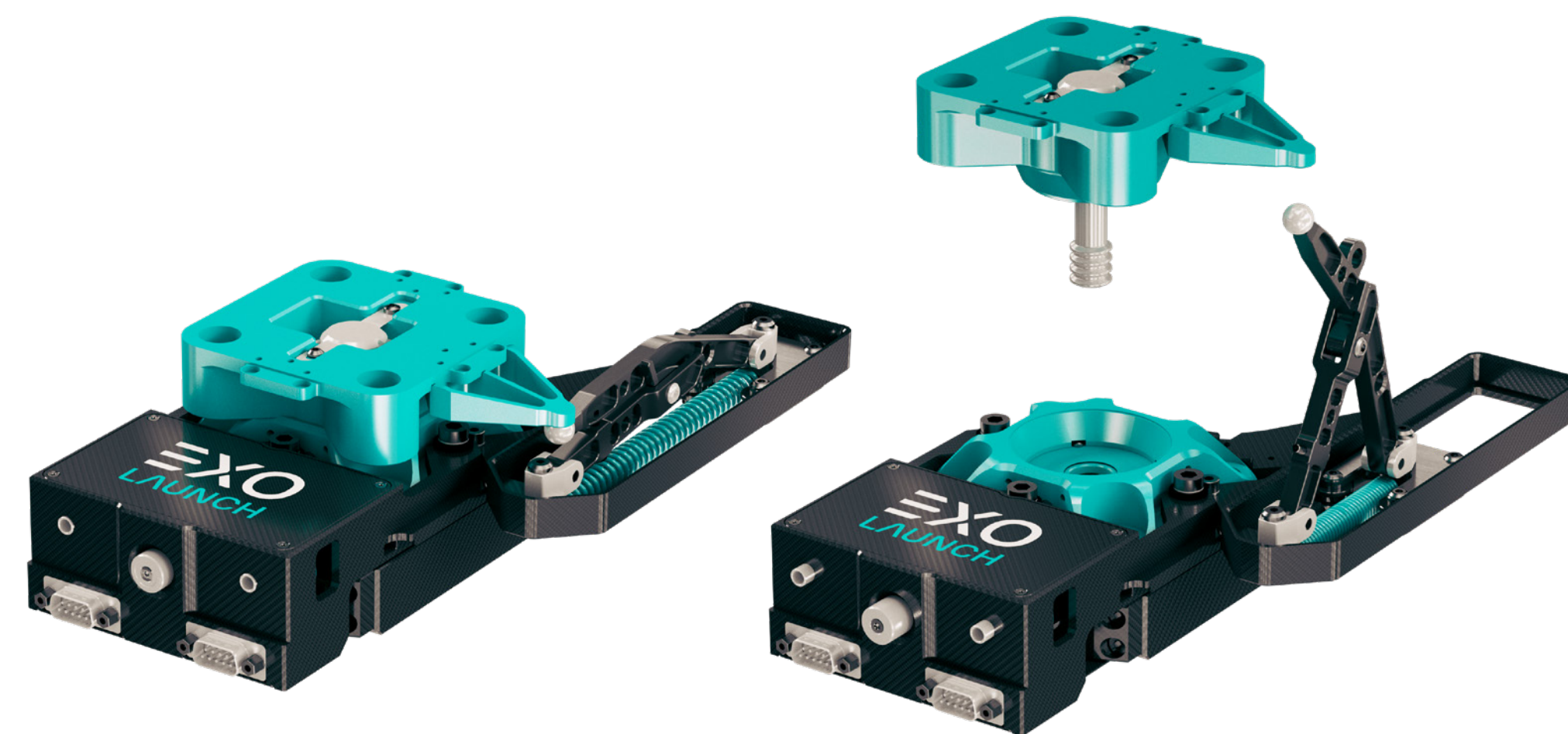
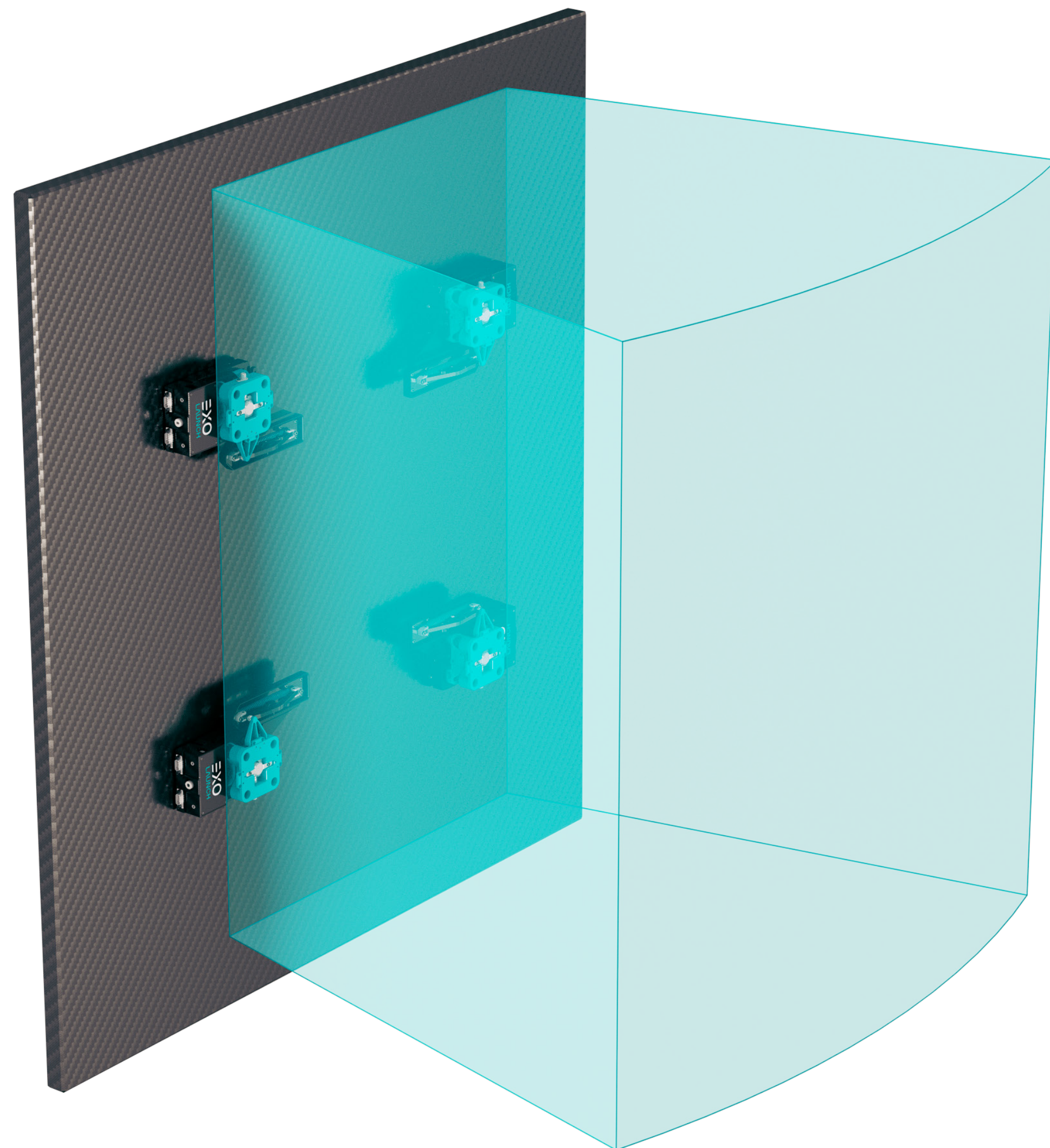


Quadro Flex is an HDRM (Hold-Down and Release Mechanism) separation system from Exolaunch for microsatellites weighing **up to 1,000 kg**. Derived from the proven Quadro Versa architecture, **Flex** delivers the same reliable performance in a single hold-down point, providing exceptional flexibility for virtually any satellite footprint. Each **Quadro Flex** unit incorporates a redundant actuator and integrated pusher spring, leveraging the flight-proven heritage of the **Quadro** and **CarboNIX** product families. Designed to meet Falcon 9 four-point interface requirements, Flex is also compatible with other launch vehicles, making it an ideal solution for missions where mass, volume, or footprint flexibility drive spacecraft design. For larger satellites exceeding **1,000 kg**, or those with unconventional form factors or structural requirements, six or more **Quadro Flex** HDRMs can be combined to create a scalable separation system tailored to the mission.

Quadro Flex
Fact Sheet

	SMALL FOOTPRINT	LOW MASS
	Since the four hold-down points are not mechanically connected, Quadro Flex occupies an exceptionally small footprint.	Optimized for mass, Quadro offers the lightest flyaway mass of any four-point system.
SHOCK-FREE DEPLOYMENT	MAXIMUM FLEXIBILITY	FAST RESET TIME
No pyrotechnics ensures your payload remains intact after deployment.	Suitable for any conceivable footprint, including three-, four- and six-point arrangements. The pusher arm is also available in multiple configurations to match your needs.	Flight-proven, simple and robust magnetic locks are quick to reset during testing or at the launch site.
FLIGHT HERITAGE	ITAR-FREE	MADE IN GERMANY
Critical subsystems like HDRM, lock mechanism and pusher arm have flight heritage across dozens of missions.	Quadro is not subject to export restrictions of any kind.	

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