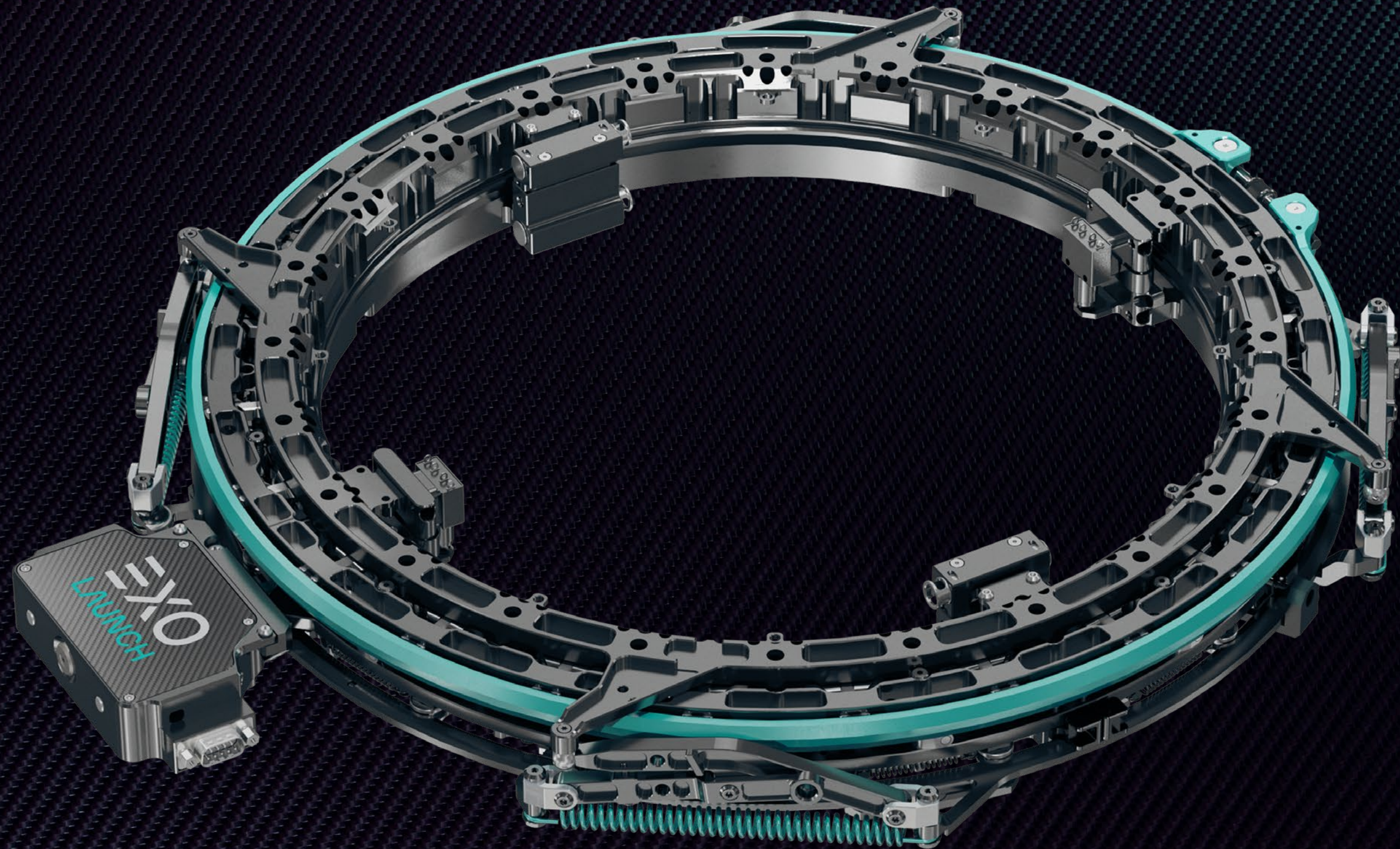


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CarboNIX NEO

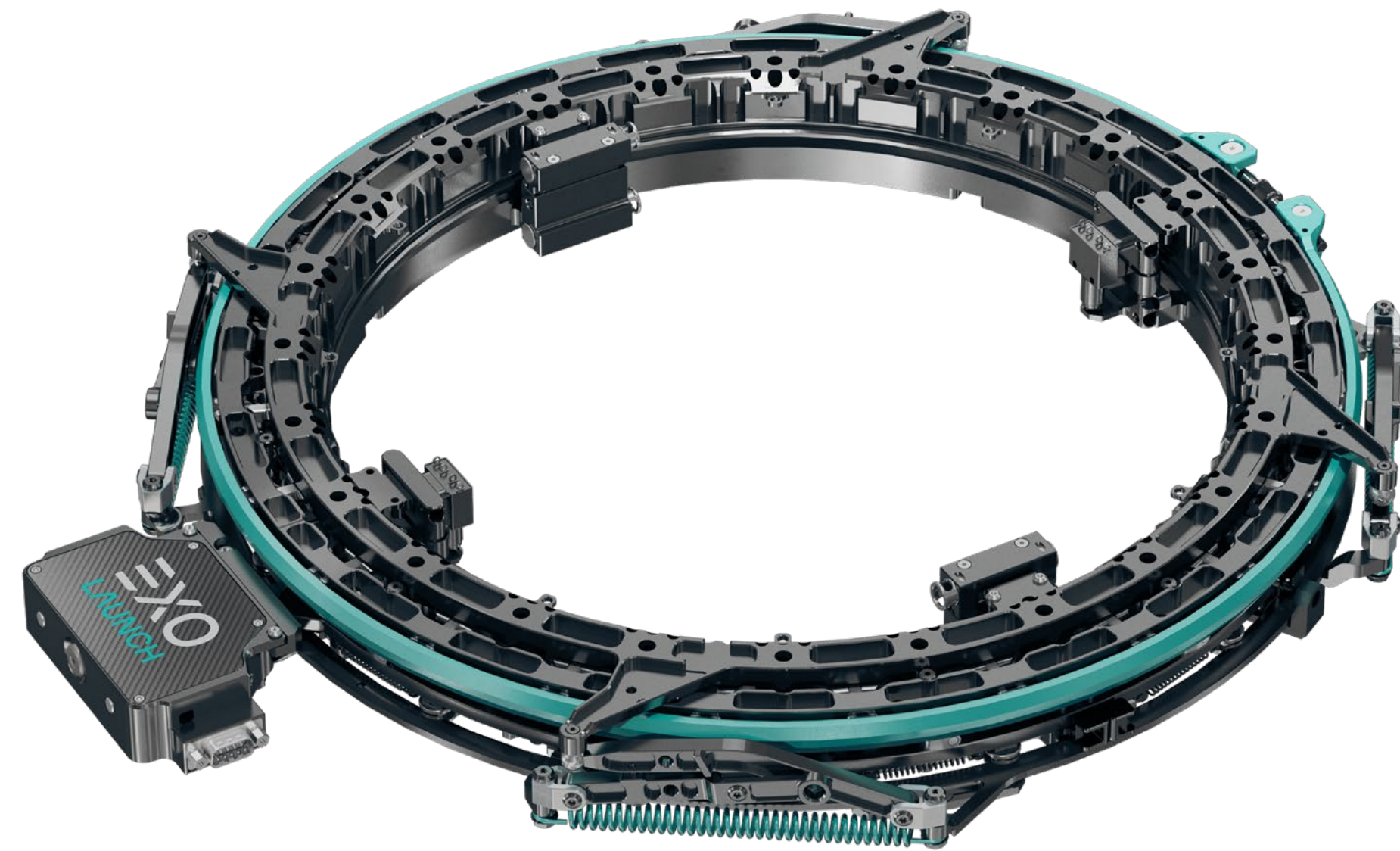


Scalable microsatellite
separation system

INTRODUCING

CarboNIX Neo

Scalable microsatellite separation system



CarboNIX NEO is an off-the-shelf separation system available in 8", 15", and 24", 31.6" and 36.81" 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

Linear deployment with average tumbling rate $<1^\circ/s$ after release.

HIGH STRENGTH

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

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", 15", 24" and larger diameters to fit on any launch vehicle.

FLIGHT HERITAGE

Lock mechanism and pusher arms have flight heritage with CarboNIX across dozens of deployments.

ITAR-FREE

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

MADE IN GERMANY

EXOLAUNCH



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