EXOLAUNCH

Quadro Arrow



Four-point microsatellite separation system

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FLIGHT HERITAGE
SINCE 2025

6
missions flown

11
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

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

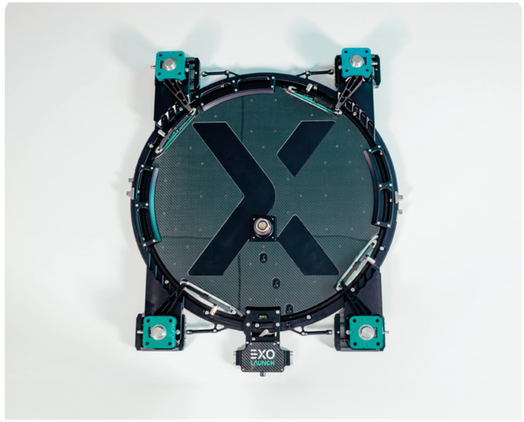
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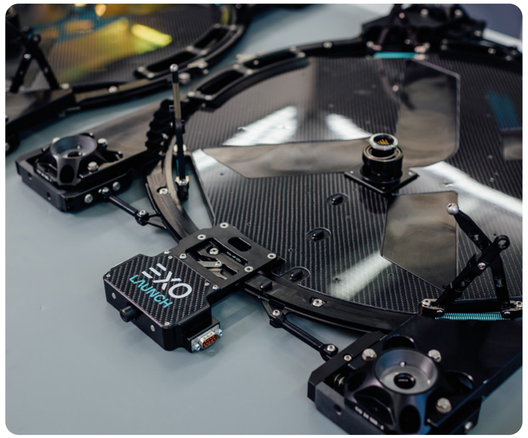
MADE IN GERMANY

Quadro Arrow in Action









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