

HyImpulse unveils HyMOVE Orbital Transfer Vehicle and partners with Spacemanic to Boost Small Satellite Missions

- HyMOVE to capitalize on Europe's \$30 billion small satellite market with scalable in-space logistics.
- First missions with Spacemanic planned for 2026–2036, deploying nanosatellites with precision.
- An important step in strengthening Europe's independent access to space and advanced orbital services.

Heilbronn, Germany, 12 December 2024 – HyImpulse Technologies GmbH ("HyImpulse"), a leading European provider of hybrid propulsion systems and small satellite launch solutions, unveils HyMOVE, its Orbital Transfer Vehicle (OTV). Designed to serve the rapidly expanding small satellite market—expected to grow to \$30 billion globally by 2030—HyMOVE is designed to enhance the capabilities of small satellite missions, delivering tailored in-space logistics for orbital missions. To mark this launch, HyImpulse has launched a partnership with Spacemanic Ltd., a leading nanosatellite mission provider, for up to 10 missions over a decade.

HyMOVE complements HyImpulse's SL1 small launcher by providing efficient and flexible orbital solutions tailored to the needs of small satellite deployment. Supporting missions such as last-mile payload delivery, orbit insertion, and hosted payload services, the vehicle enables the deployment of multiple satellites into different orbital planes in a single launch. Utilizing environmentally friendly hybrid propulsion, HyMOVE ensures sustainable and cost-effective space operations to meet the growing demands of the space industry. Developed under the Bavarian Spaceflight Funding Program, HyMOVE will conclude ground testing in 2025 and commence commercial operations in 2029.



Figure 1 HyMOVE

Dr. Christian Schmierer, CEO of HyImpulse, stated: *"HyMOVE enhances the capabilities of our SL1 vehicle, serving as a key extension of our value chain. It is tailored to meet a wide range of customer needs, providing solutions that complement and expand upon what SL1 already delivers. We are proud to partner with Spacemanic to deliver solutions that enable sustainable and cost-effective satellite deployment and orbital operations, contributing to the future of the European space industry."*

Hylmpulse's first commercial HyMOVE partner, Spacemanic, will use HyMOVE and the SL1 small launcher for nanosatellite deployment across up to 10 missions between 2026 and 2036. Both companies signed a Memorandum of Understanding (MoU) in August 2024 to collaborate on launch services. The partnership combines Spacemanic's expertise in CubeSat platforms with Hylmpulse's logistics solutions, including payload repositioning, multi-orbit deployment, and tailored in-space maneuvers. Powered by HyMOVE's hybrid propulsion system, these services will enable Spacemanic to deploy and manage payloads with precision and efficiency across various orbital configurations.

Daniela Jovic, Chief Commercial Officer at Spacemanic, highlighted: *"At Spacemanic, we're proud to partner with Hylmpulse on the HyMOVE initiative, a key step in strengthening Europe's access to space. This collaboration allows us to push the boundaries of nanosatellite deployment and orbital operations, delivering smarter, more sustainable solutions for our customers and the broader space industry."*

With HyMOVE, Hylmpulse is strengthening Europe's capability for independent access to space. As demand for nanosatellites and flexible orbital services increases, the partnership with Spacemanic demonstrates how collaboration can advance Europe's position in the global space sector.

About Hylmpulse

Hylmpulse Technologies GmbH is a leading German and UK based manufacturer and system provider of commercial launch vehicles for suborbital and orbital launch services. Our small satellite launch vehicles, with unique hybrid propulsion made of oxygen and paraffin, set new standards in the commercial space sector. With over 65 employees at sites in Neuenstadt, Ottobrunn, and Glasgow, we develop rockets to transport commercial payloads efficiently, sustainably, and reliably into low Earth orbits and beyond.

About Spacemanic

Spacemanic is a turnkey nanosatellite mission provider focused on delivering flight-proven CubeSat platforms. The plug&play methodology accelerates mission deployment, enabling broader access to space for scientific, tech, or private customers, and is ideal for diverse applications including rapid-response solutions for the defense sector, or technological IOD/IOV missions.

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