

VESARO



The worlds most advanced simulators. Designed, engineered and built in England.

Vesaro - V-Zero Formula Commercial: Stage 1



The Vesaro V-Zero

The Vesaro V-Zero is a premium commercial simulator engineered to deliver authentic, high-performance driving experiences through precision engineering and advanced design. Built for professional and commercial environments, it combines refined ergonomics, a striking visual presence, and an ultra-rigid structure to ensure durability, reliability, and consistent performance in high-usage settings such as showrooms, events, and brand activations.

It features an optimised driving position with professional-grade controls, motion integration, tactile feedback, and advanced visual systems, creating a highly immersive and responsive driving experience that replicates real-world performance with precision. As a complete turnkey simulation solution, the Vesaro V-Zero delivers elite-level immersion, authentic driving dynamics, and commercial-grade performance in a single, purpose-built platform.



Motion

Vesaro Dual Motion 1.5" powered by D-BOX delivers high-precision movement and haptic feedback, enhancing the Vesaro system with realistic, responsive motion. Two rear-mounted actuators provide 1.5 inches of travel across pitch and roll axes for a highly controlled driving experience. Powered by FIA-approved D-BOX Haptic Technology, the system offers exceptional reliability, zero-maintenance operation, and industry-leading motion fidelity suitable for professional training and commercial applications.

Each simulation title is individually integrated and calibrated via D-BOX software, ensuring authentic, developer-intended feedback across a wide library of supported content. Users can further refine the experience through adjustable and savable profiles, including pitch, roll, suspension, vibration, and vehicle dynamics settings.

This combination of certified motion technology and flexible calibration delivers a highly adaptable commercial platform, capable of supporting everything from immersive entertainment experiences to precise driver training environments.

Vesaro 2.1 Seat Integrated Audio System

The V-Zero audio system is custom designed in-house specifically for this product.

The speakers blend seamlessly into the fibreglass seat body, for an uninterrupted aesthetic of the V-Zero. Each satellite speaker is positioned either side of the user’s head at ear level, localising all sound produced, greatly minimising sound pollution to the surrounding area.

The low-profile subwoofer is positioned directly under the seat, maximising the output of all low frequencies to the user, for ultimate localised immersion.

Satellite Speakers Specification:

2 x 60 W

Subwoofer Specification

160W Peak Power

Sealed Type Construction

Built-in Amplifier

Wired remote Control





GT Conversion Kit

The Vesaro GTF Conversion Kit is a transformative solution for both the Vesaro I & X chassis.

This kit serves 2 functions.

Firstly, it raises the pedal deck, providing a more GT/Formula resting position for the user's feet. This increases authenticity for GT and Formula driving disciplines, and provides more comfortability for longer driving stints.

Secondly, it forms a large storage space on the Vesaro chassis', enabling us to integrate more components and electronics onto the framework, greatly reducing clutter around the simulator.

Pedal deck adjustability is retained, enabling the user to angle the pedal deck and its distance to their preference.

Pro Controls V-Spec Hydraulic Pedals (2 Pedals)

The Pro Controls V-Spec Hydraulic Pedals (2 Pedals) offer a fully adjustable, consistent and reliable racing experience. Whether they will be used for demanding private racing, or intense commercial eSports, these pedals are more than capable of supporting high-performance use-cases. Produced with robust engineering and precise components, resulting in accurate input translation via high-fidelity load cell sensors. The brake pedal is capable of registering up to 140kg of force at the pedal footplate.

The accelerator has a smooth and accurate response due to its 1-way hydraulic damper, offering excellent and consistent control. The dual stage brake system consists of an initial coil spring, simulating initial travel, and custom elastomers that simulate progressive braking from high-performance braking systems. It also features a 2-way hydraulic damper, replicating the feel of real brake assemblies. With 9 resistance settings, the brake can be fine-tuned from soft to firm.

Physical adjustments can be made to the pedals directly, to alter the angle of rest and leverage that can be applied. Furthermore, beyond the physical adjustments, refinements can be made virtually in dedicated Heusinkveld SmartControl software, fully controlling the registered output value of input force and its corresponding curvature.





Moza Racing R21 Ultra DD Wheel Base

The Moza R21 Ultra is a high-performance direct drive wheel base delivering up to 21 Nm of peak torque, engineered to provide an exceptionally immersive and precise racing experience when integrated with the Vesaro system. Constructed from aviation-grade aluminium alloy and featuring advanced smart temperature control, it is designed for sustained high-load operation and long-term reliability, supporting thousands of hours of continuous use in both commercial and professional environments.

Moza Pit House software provides full control over performance parameters, allowing users to precisely adjust torque output, steering angle, and bump stop range to authentically replicate different driving disciplines. A range of configurable force feedback effects can also be fine-tuned via intuitive slider controls, enabling tailored experiences for both entertainment and professional driver training applications.

Moza FSR V2 Formula Wheel

The MOZA FSR V2 Racing Wheel Rim is a premium formula-style simulation wheel designed for high-end commercial and professional simulator environments, delivering maximum immersion, precision, and control. Built around a 280mm carbon fibre frame with perforated leather grips, it replicates the feel of a real open-wheel cockpit, offering a compact and highly responsive driving interface suited to serious simulation setups and branded installations.

A 4.3-inch customisable touchscreen provides real-time telemetry and in-wheel control, complemented by RGB shift lights for RPM and flag alerts. The 6-paddle configuration, multiple rotary encoders, and programmable inputs enable extensive on-the-fly adjustment, supporting both user engagement and advanced driving functionality.

Positioned for competitive simulation and commercial applications, the FSR V2 delivers a data-rich, fully integrated control system ideal for formula-style experiences, training environments, and high-performance simulator installations.





Single Display Screen 49 Inch Ultrawide Curved

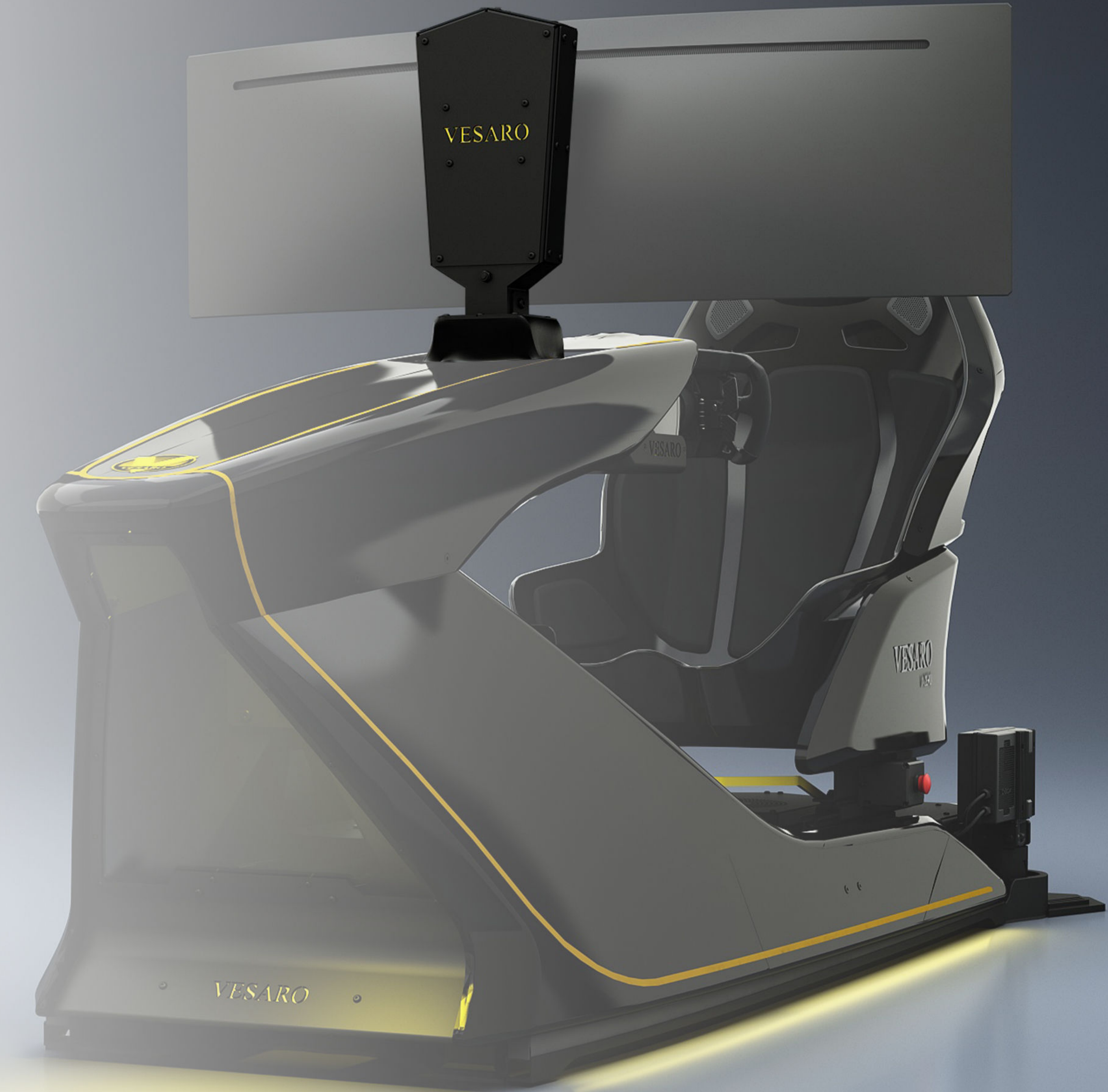
The ROG Strix XG49VQ is a 49-inch super ultra-wide gaming monitor designed to deliver an immersive, panoramic viewing experience. With its 32:9 aspect ratio and 144Hz refresh rate, it provides smooth, fluid visuals that are ideal for both competitive gaming and expansive simulation setups.

Its HDR support, combined with a wide colour gamut, enhances contrast and colour accuracy, while adaptive sync technology ensures low-latency, tear-free performance. Features like Shadow Boost improve visibility in darker scenes, making it a versatile display for gaming, content creation, and media consumption.

Patented Display Stand

The Vesaro V-Zero features our patented display stand, designed and built entirely in-house to deliver maximum impact and structural precision. Purpose-engineered to support a single 49-inch ultrawide curved display, it provides a stable and immersive focal point for the simulator experience. The fibreglass chassis is carefully sculpted to flow seamlessly around the stand, creating a unified form that blends engineering and design.

This patented solution reflects Vesaro's commitment to industry-leading innovation in immersive simulation systems





Vesaro PC

Vesaro's in-house developed PC systems are purpose-built to integrate seamlessly with the V-Zero, delivering a fully optimised and self-contained simulation solution. Designed from the ground up, each system is engineered to control and power the entire simulator with reliability, performance, and ease of use in mind.

All Vesaro PC configurations support single screen, triple screen, and VR setups, with scalable performance to suit a wide range of applications, from high-fidelity visual experiences to advanced simulation features. Every system is pre-configured and tested at Vesaro HQ, ensuring consistent performance with a minimum of 60 FPS across all supported titles.

Each system is delivered fully set up, with all drivers, control systems, and simulation software installed, configured, and optimised for immediate use. Graphics settings and performance profiles are tuned to achieve the ideal balance of visual quality and smooth operation across all included content.

For ongoing support, Vesaro provides remote assistance (with prior approval), allowing quick resolution of software updates or technical issues with minimal disruption, an essential feature for commercial environments. Every system also includes a full image backup for rapid restoration.

2 Year Parts & Labour RTB Warranty (Private Customers)

1 Year Parts & Labour RTB Warranty (Commercial Customers)

Integrated Dynamic Rainlight

A high-intensity dynamic rear rain light is seamlessly integrated into the V-Zero chassis, adding a distinctive visual feature inspired by real-world motorsport systems. Designed to respond dynamically to the simulation environment, the system operates in sync with on-screen conditions to enhance realism while creating a more engaging and visually impactful experience for users. This is particularly effective in low-light and high-intensity scenarios, where visual feedback plays a key role in immersion.

Fully software-integrated, the rain light contributes to a cohesive and polished simulator experience, while also elevating the visual presence of the system within commercial environments such as showrooms, events, and entertainment venues. Subtle yet effective, it reinforces the V-Zero's position as a premium, experience-driven product.





Assetto Corsa

Assetto Corsa Commercial provides a powerful and versatile racing simulation platform for commercial entertainment venues and professional driving experiences on Vesaro simulators. For businesses seeking to offer engaging and realistic racing simulation to clients, Assetto Corsa Commercial provides a robust and adaptable platform for attracting and entertaining customers with high-fidelity motorsport experiences.

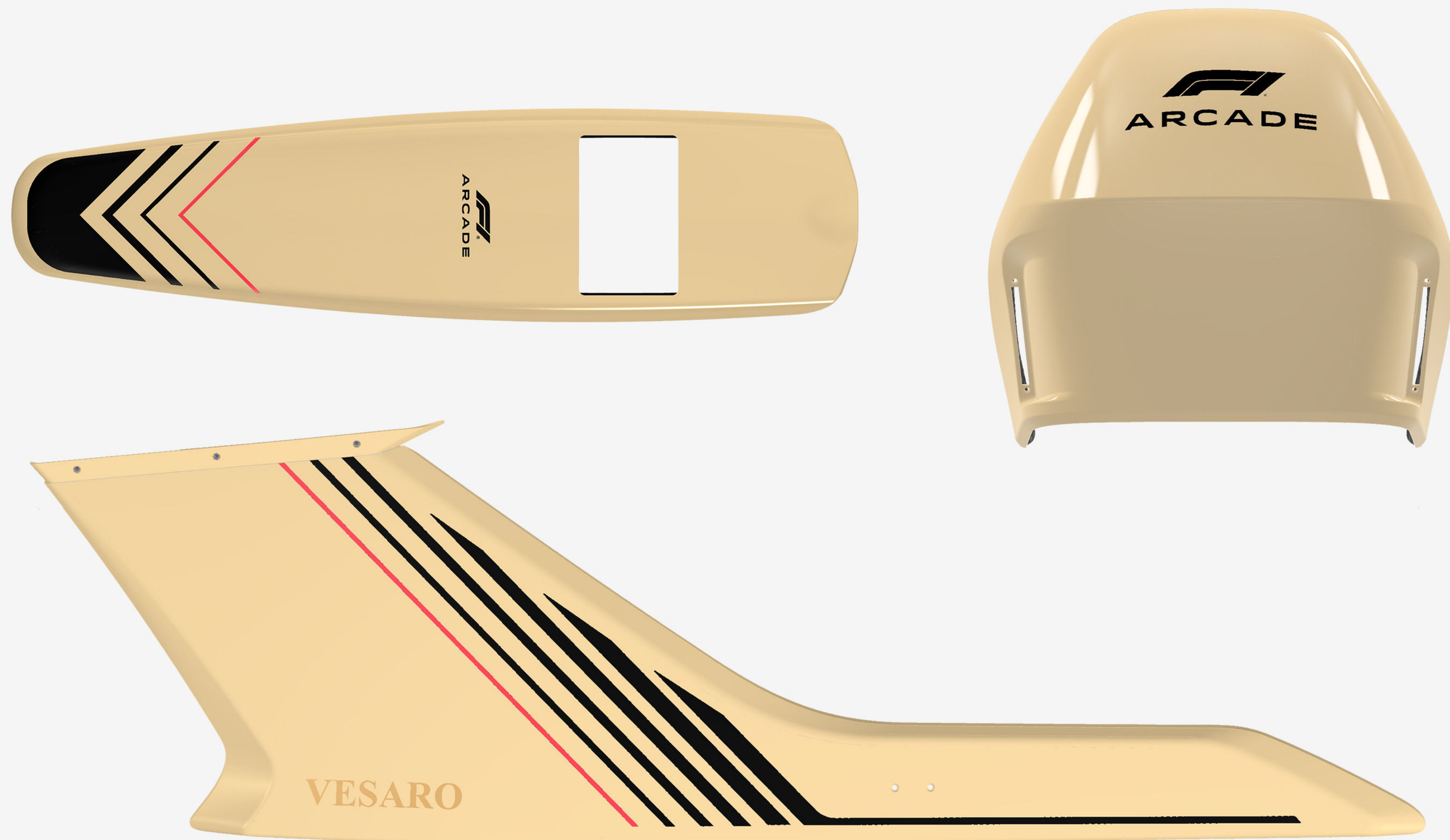
Featuring a massive library of officially licensed cars, from desirable road cars to thrilling racing machines, Assetto Corsa Commercial offers a wide selection to appeal to a broad audience. Combined with laser-scanned tracks from iconic locations worldwide, commercial venues can provide incredibly realistic and diverse racing environments on Vesaro simulators.

Assetto Corsa Commercial is pre-installed, fully calibrated, and optimised for Vesaro simulators, ensuring seamless integration into commercial setups and exceptional performance right out of the box. Performance is guaranteed to meet a minimum of 60fps, dependent on the Vesaro PC specification, delivering smooth and engaging visuals for commercial users.

Dynamic LED Lighting Kit

Our Dynamic LED Lighting Kit is discretely integrated on the underside of the Vesaro chassis, providing an ambient underglow in a colour of the user's choice.





Custom Liveries

The Vesaro V-Zero offers extensive customisation options, allowing each simulator to be tailored to individual taste or brand identity. One of its standout features is the ability to apply fully custom liveries directly onto its fibreglass body, turning the simulator into a truly unique centrepiece.

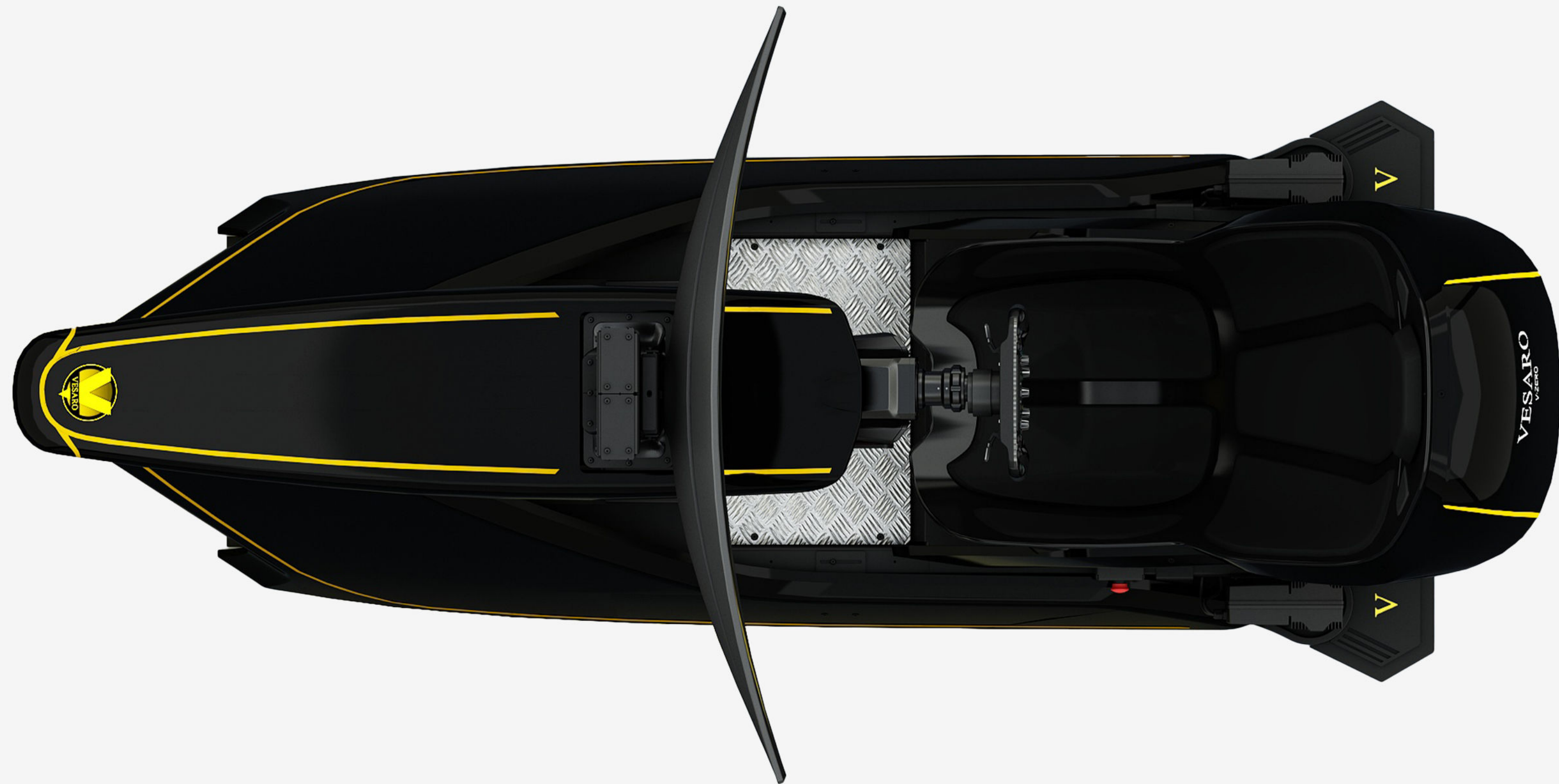
Whether it's a motorsport-inspired design, a corporate branding package, or a personal aesthetic, the V-Zero can be finished in virtually any colour or graphic style. Combined with configurable hardware and trim options, it delivers a highly personalised sim racing experience without compromising on performance or realism.

Showcase

The Vesaro V-Zero has been deployed within F1® Arcade venues as a premium commercial simulation platform, forming part of an immersive, high-throughput racing experience designed for public entertainment environments. Engineered for durability, consistency, and repeatable performance, the V-Zero is well suited to demanding arcade and hospitality settings where reliability and user accessibility are essential.

Its rigid chassis construction and refined ergonomics ensure a stable, authentic driving position across a wide range of users, while maintaining the feel and responsiveness expected from a professional-grade simulator. Integrated with high-performance controls, motion feedback systems, and advanced visual output, the V-Zero delivers an engaging and accessible Formula 1-style experience that balances realism with user-friendly operation. In venues such as F1® Arcade, it functions as a key attraction, offering guests an immediate, immersive connection to motorsport through a commercially robust simulation platform.





Dimensions

Length: 250cm (rear of seat to front of nose)

Width: 120cm

Height: 131cm

Further Information

To learn more about our products and services, please visit: www.vesaro.com

Stay up to date with the latest news, releases, and updates by following us online.

Get in Touch

If you have any questions or would like to speak with a member of our team, we'd love to hear from you.

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Alternatively, visit our website to explore our full range and find the right solution for you.

