

VESARO



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

Vesaro Kart - Private Use

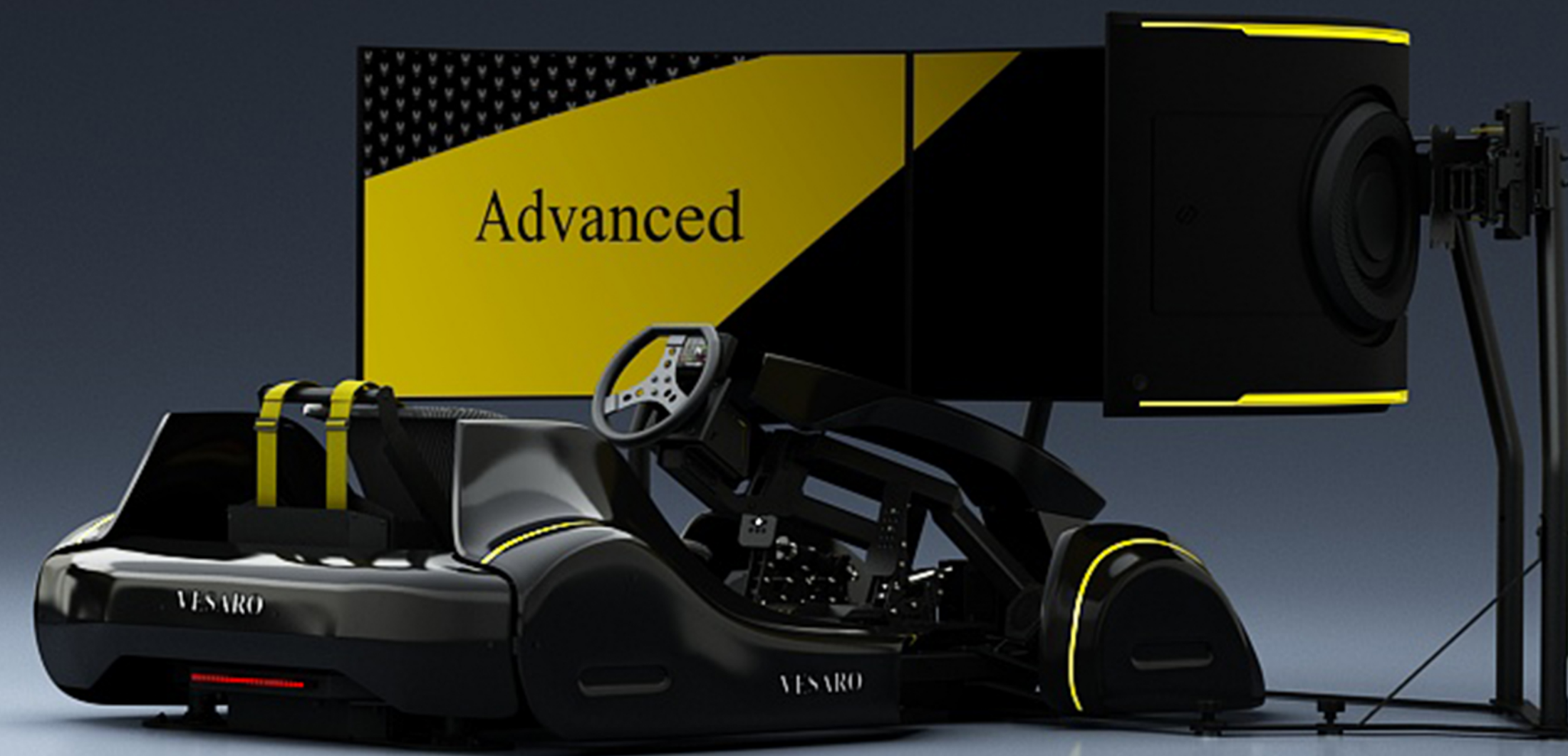
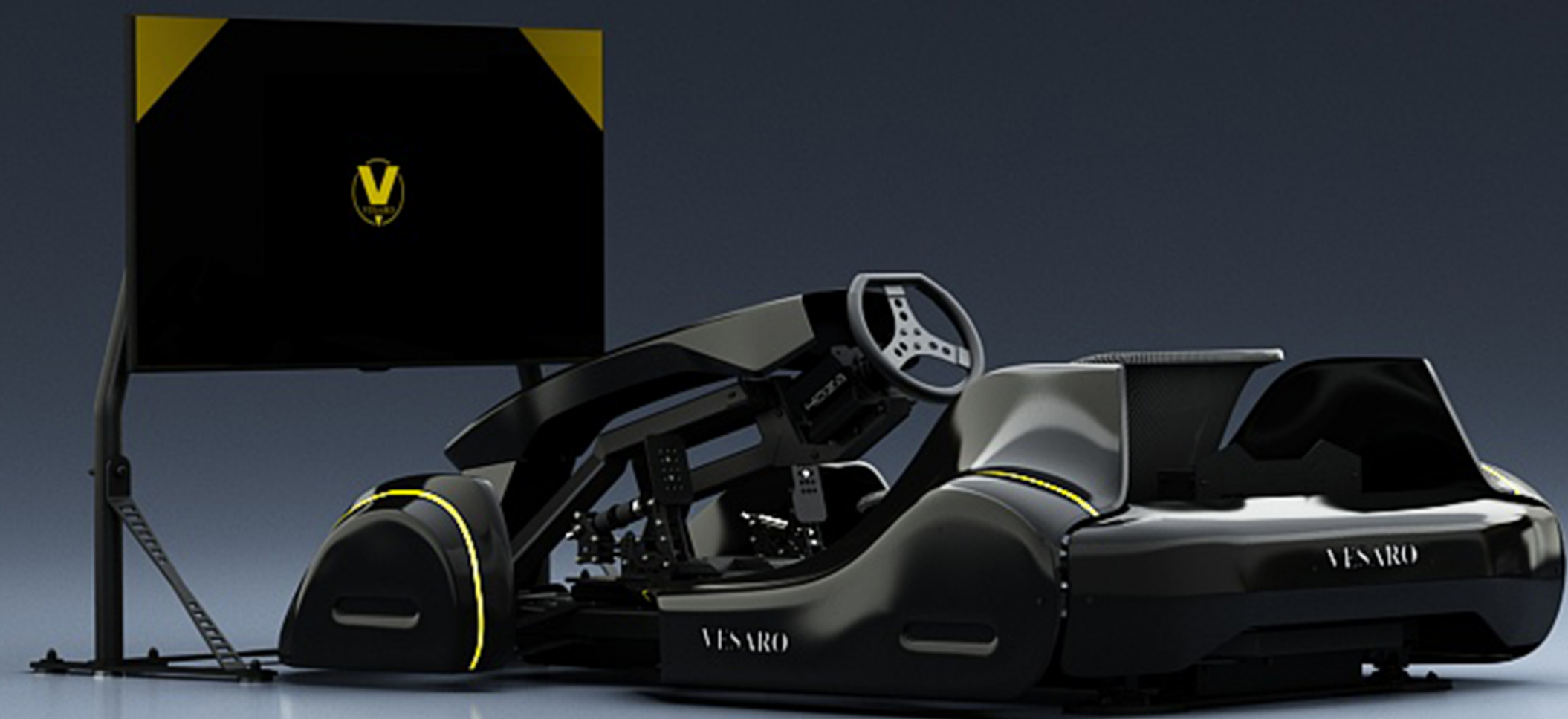


The Vesaro Kart

The Vesaro Kart is a premium karting simulator engineered to deliver an authentic, immersive driving experience through precision engineering and advanced simulation technology. Inspired by the physical proportions and seating position of a real racing kart, it combines a compact, purpose-built structure with professional-grade components to create a highly engaging platform for both entertainment and driver development.

Designed to replicate the feel and responsiveness of real karting, the Vesaro Kart features an authentic driving position, precision controls, tactile feedback, and advanced visual systems. Its rigid construction and carefully selected components ensure accurate driver inputs and consistent performance, while the integrated Stage 2 configuration provides an enhanced level of immersion and realism. As a complete simulation solution, the Vesaro Kart brings the intensity, responsiveness, and excitement of real karting into a refined, high-performance platform.





Vesaro Kart - Stage 1

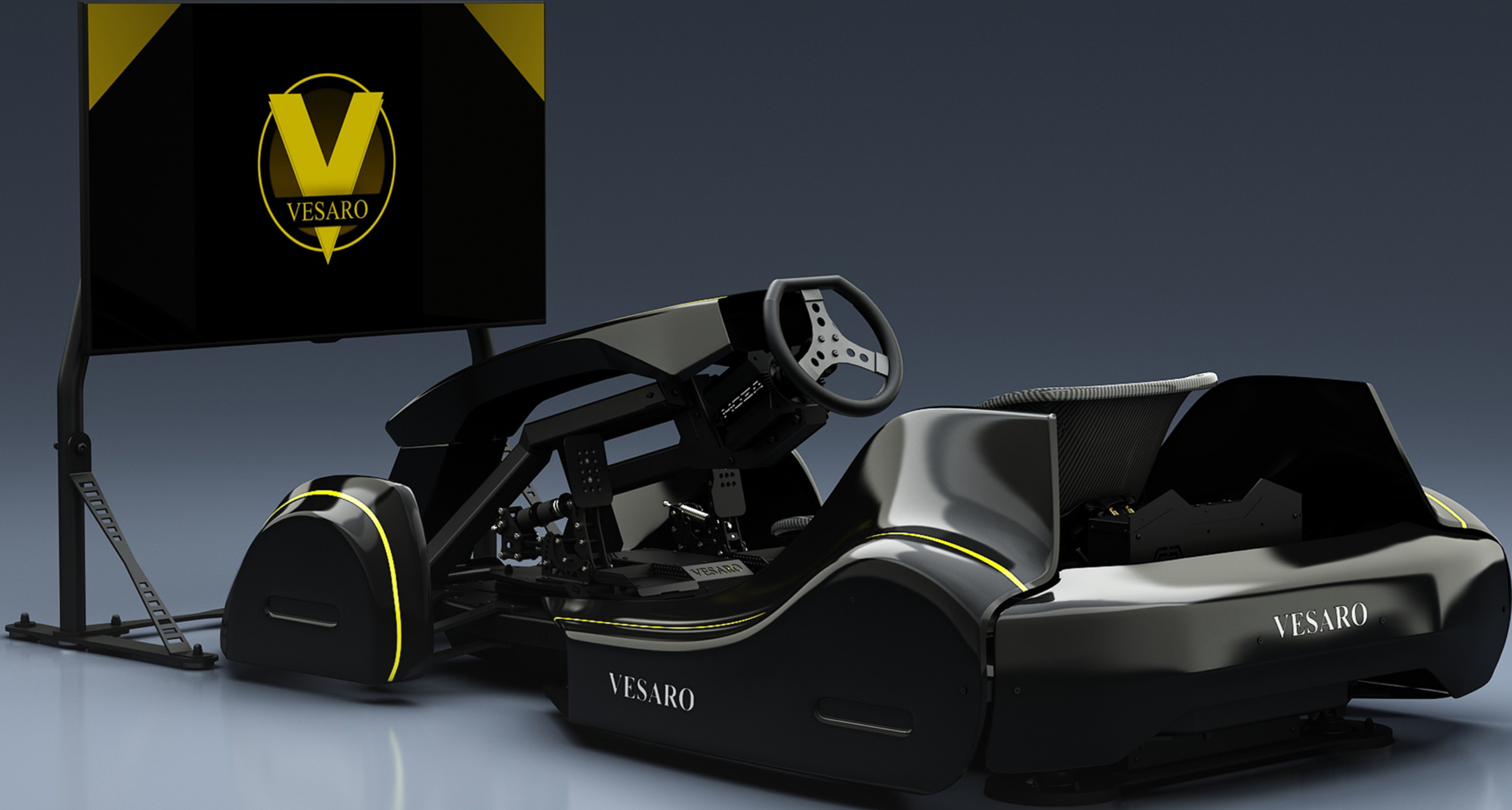
The Vesaro Kart Stage 1 is a dedicated karting simulator engineered to deliver authentic low-profile racing immersion with responsive handling and precision control. Built on the Vesaro Kart chassis and paired with the Tillet karting seat, it provides a compact, ergonomic driving position designed to recreate the feel of competitive kart racing.

Powered by the Moza Racing R12 direct drive wheel base and Sparco KG 345 karting wheel, alongside a 50-inch display and immersive surround sound integration, it creates a fast, connected, and highly engaging racing experience. Expertly assembled, professionally calibrated, and ready to perform.

- Vesaro Kart Chassis
- Tillet Karting Seat
- Moza Racing R12DD Wheel Base
- Sparco KG 345 Karting Wheel
- Vesaro Pro-R Pedals (2 pedals)
- Vesaro PC Level 1
- Single Display Screen 50 Inch
- Single Display Stand
- Wireless Headphones Surround Sound
- UPS Backup
- Software- Personal Use- Assetto Corsa
- Wireless Keyboard and Mouse, Dynamic LED Lighting Kit
- Vesaro Free Support

Unboxed Setup Dimensions:

- Width : TBC cm
- Length : TBC cm
- Height : TBC cm



Vesaro Kart - Stage 2

The Vesaro Kart Stage 2 is a high-performance karting simulator engineered to deliver enhanced immersion, responsiveness, and authentic racing feedback. Built around the Vesaro Kart chassis and Tillet karting seat, it recreates the focused seating position and direct handling characteristics that define competitive kart racing.

Powered by the Simucube 2 Sport wheel base, Sparco KG 345 karting wheel, triple 50-inch displays, Dual Motion 1.5, integrated 4.1 audio, and the Vesaro Wind System, it creates a deeply immersive and physically engaging karting experience. Expertly assembled, professionally calibrated, and ready to perform.

- Vesaro Kart Chassis
- Tillet Karting Seat
- Simucube 2 Sport
- Sparco KG 345 Karting Wheel
- Vesaro Pro-R Pedals (2 Pedals)
- Vesaro PC Level 2
- Triple Display Screen 50 Inch
- Triple Display Stand Compact
- 4.1 Integrated Audio System
- Vesaro Wind System
- Vesaro Dual Motion 1.5
- UPS Backup
- Software- Personal Use- Assetto Corsa
- Wireless Keyboard and Mouse, Dynamic LED Lighting Kit
- Vesaro Free Support

Unboxed Setup Dimensions:

- Width : TBC cm
- Length : TBC cm
- Height : TBC cm



Vesaro Kart - Stage 3

The Vesaro Kart Stage 3 is an elite karting simulator engineered to deliver maximum immersion, precision, and professional-grade racing realism. Built around the Vesaro Kart chassis with the Tillet karting seat and G-Force Tensioner System, it recreates the intensity and physical sensation of high-level kart competition with exceptional driver support and responsiveness.

Powered by the Simucube 2 Pro wheel base, Sparco KG 345 karting wheel, triple 55-inch curved displays, Dual Motion 1.5, integrated 4.1 audio, Wind System, and V-Spec DDU display, it creates a deeply immersive and physically dynamic karting environment. Expertly assembled, professionally calibrated, and ready to perform.

Vesaro Kart Chassis
Vesaro G-Force Tensioner System
Tillet Karting seat
Simucube 2 Pro
Sparco KG 345 Karting Wheel
Vesaro Pro-R Pedals (2 Pedals)
Vesaro PC Level 5
Triple Display Screen 55 Inch Arc
Triple Display Stand Plus
Vesaro 4.1 Integrated Audio System
Vesaro Wind System
Vesaro Dual Motion 1.5
Pro Controls V-Spec DDU Data Display Unit
UPS Backup
Software- Personal Use- Assetto Corsa
Wireless Keyboard and Mouse, Dynamic LED Lighting Kit
Vesaro Free Support

Unboxed Setup Dimensions:

- Width : TBC cm
- Length : TBC cm
- Height : TBC cm





Tillett Racing Seat

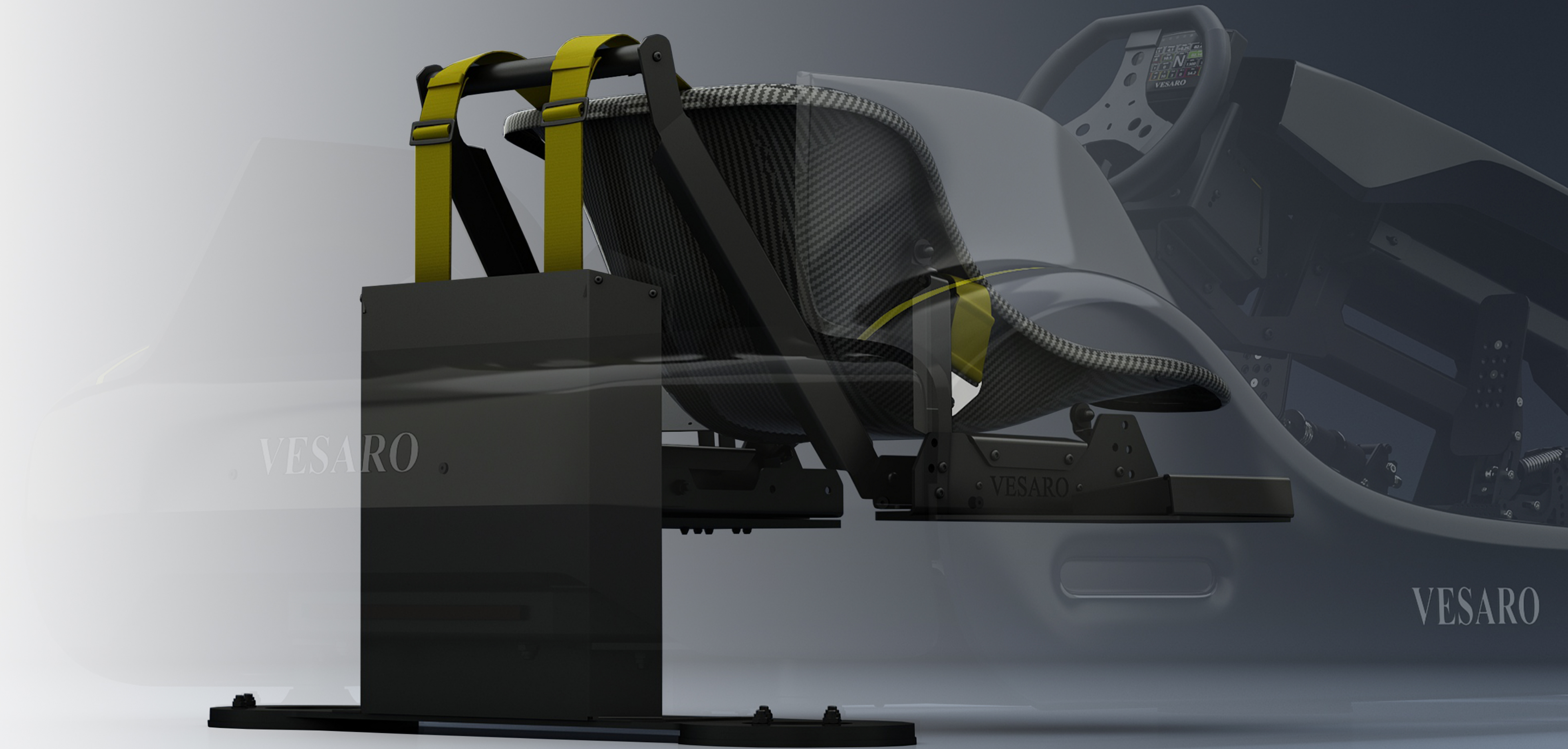
The Tillett Karting Seat provides an authentic seating position within the Vesaro Kart, delivering a realistic and immersive driving experience. Its fibreglass laminate construction maintains the seat's shape while supporting the driver's weight as it shifts during high-performance driving. The rigid construction also ensures direct 1:1 translation of pedal inputs, helping improve accuracy and consistency during driver training.

Finished in carbon effect, the seat complements the Vesaro Kart's gloss black finish, creating a sleek and cohesive overall system.

Seat Belt Tensioner System

Our Vesaro G-Force Tensioner System + Harness introduces eye-opening braking G-Forces when sim racing. Working passively in conjunction with any of our available motion systems, when the chassis pitches forward after a braking input from the user, a proportional amount of compression is applied down the their chest. The accuracy and visceral sensation of the braking G-Forces experienced on our systems greatly aids the user in controlling the amount of braking they apply.

Beyond the incredibly accurate training advantage this system provides, it also amplifies the general experience of driving on a Vesaro simulator, making it a phenomenal option for entertainment purposes. Requires a Vesaro motion system module for the G-Force effect to function. The Vesaro G-Force Tensioner System + Harness can be used as an aesthetic and authenticity addition without any form of motion, or it can be added with the intention of upgrading the system to utilise a motion module in the future.





Vesaro Dual Motion 1.5

The Vesaro Dual Motion system, powered by D-BOX, adds highly detailed movement and haptic feedback to the Vesaro Kart, enhancing immersion and replicating the physical sensations of real karting.

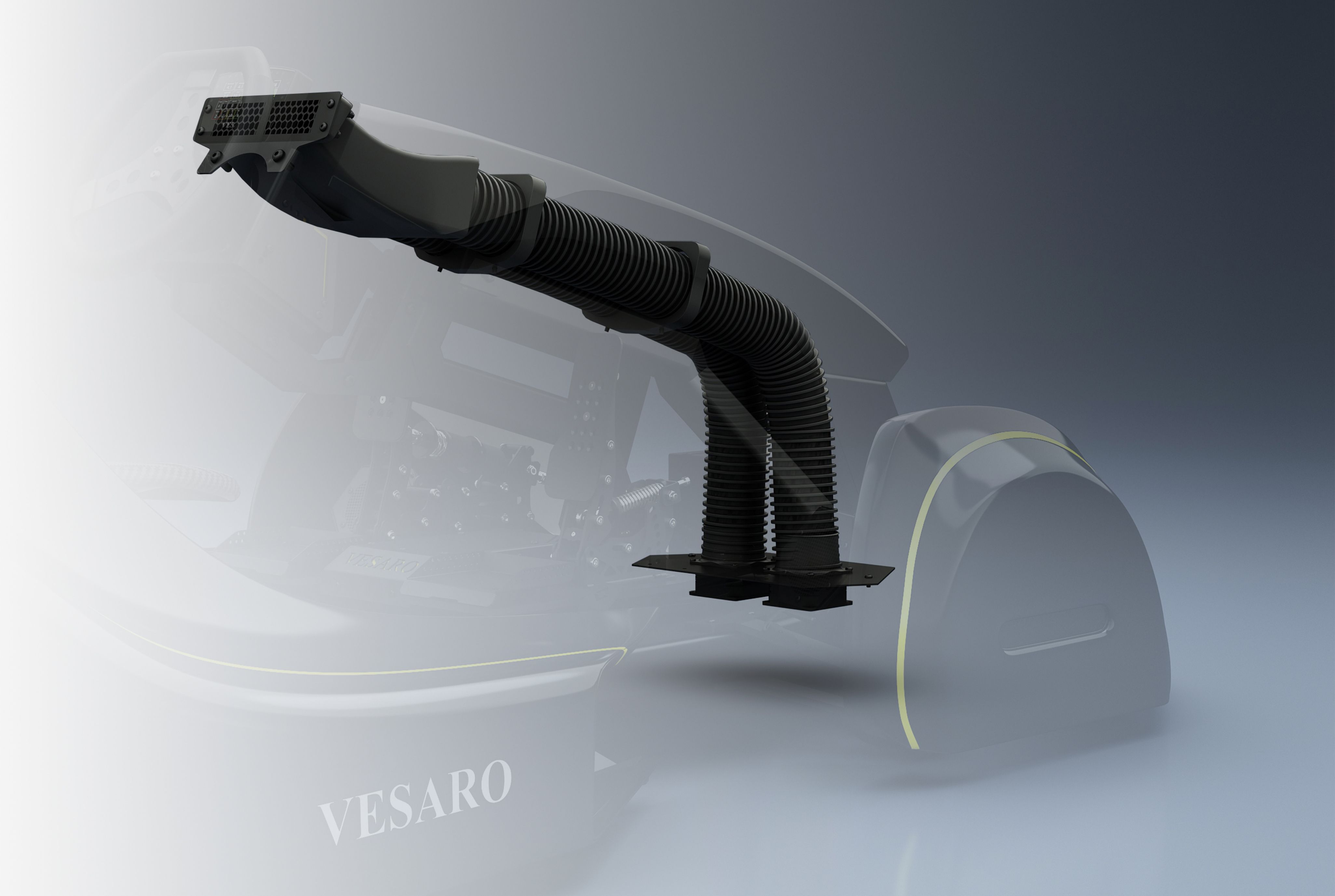
Two actuators positioned at the rear of the chassis provide 1.5 inches of travel across two degrees of freedom, pitch and roll. D-BOX Haptic Technology delivers precise, responsive feedback for acceleration, braking, kerbs, surface changes, and vehicle movement, creating a more connected and authentic driving experience.

Fully integrated and electronically controlled, the system is designed for reliability and professional-grade performance, making it an ideal addition to the Vesaro Kart for both immersive entertainment and driver training.

Wind Unit

The Vesaro Wind Unit is an integrated airflow system designed to enhance immersion by recreating the sensation of speed within the Vesaro Kart. Positioned within the simulator, the unit delivers responsive airflow that increases with vehicle speed, creating a more lifelike and engaging driving experience.

By providing a physical sensation that reacts directly to the on-screen environment, the Vesaro Wind Unit helps bridge the gap between simulation and reality. The result is a more immersive experience that allows the driver to feel the speed, intensity, and movement of the virtual karting environment.





Vesaro 4.1 Integrated Audio System

The Vesaro 4.1 Integrated Audio System incorporates four bespoke satellite speakers and a low-profile subwoofer directly into the Vesaro Kart, delivering an immersive and highly detailed audio experience. Designed and manufactured in-house, the system maintains the distinctive aesthetics of the Vesaro Kart, with the amplifier and associated cabling discreetly integrated and hidden within the chassis.

Two satellite speakers are positioned at the front, with two additional speakers at the rear providing positional surround audio. The low-profile subwoofer sits directly beneath the seat, producing deep, physical bass for engine noise, kerb strikes, crashes, and other on-track effects.

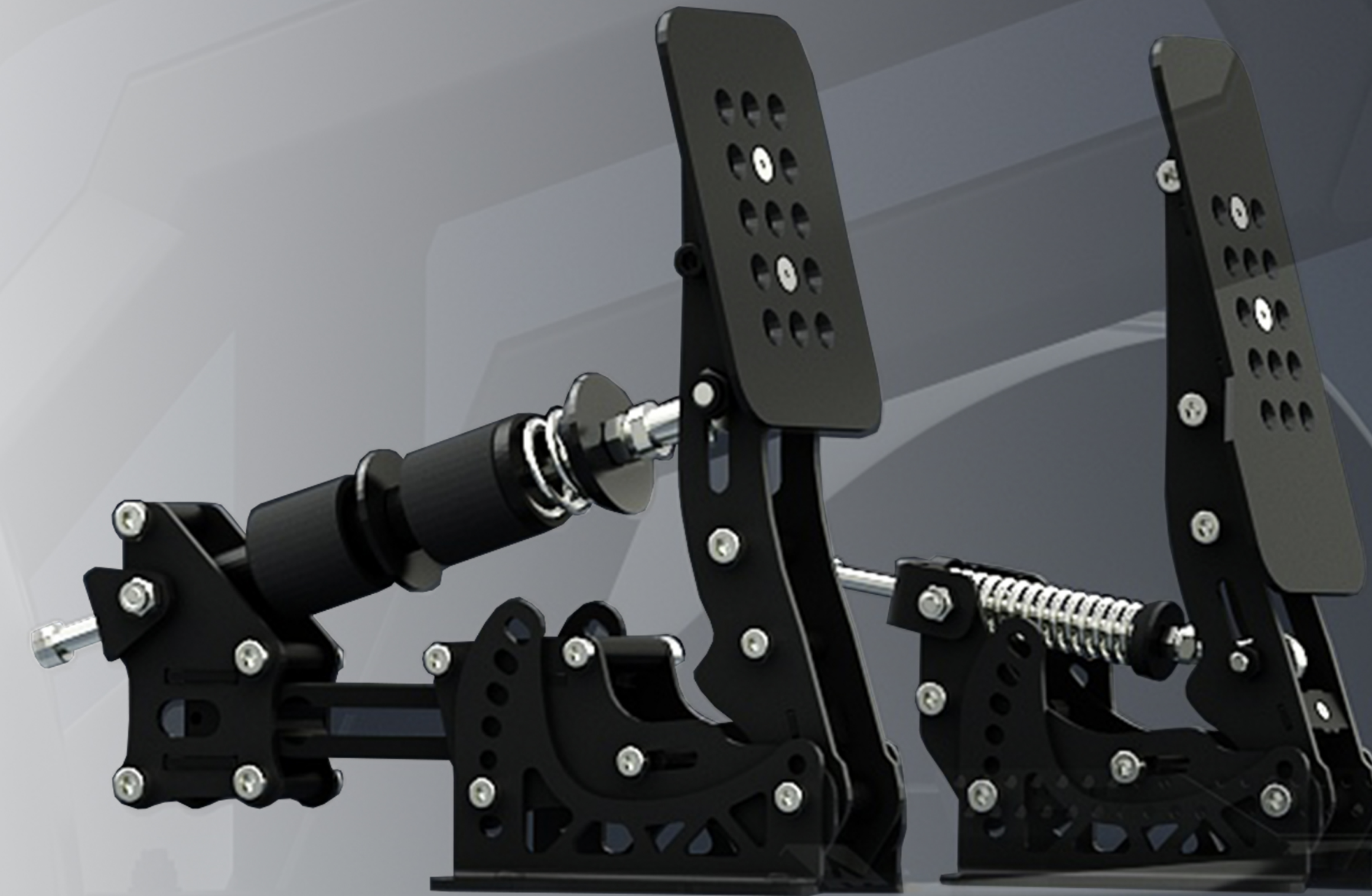
Vesaro technicians calibrate the system to accurately reproduce the audio environment of each simulation, including engine positioning and surrounding vehicles, creating a more immersive and realistic karting experience.

Vesaro Pro-R Pedals (2 Pedal System)

The Vesaro Pro-R Pedals provide a precise, consistent, and fully adjustable control system for an authentic karting simulation experience. Constructed from robust 3mm carbon steel, they offer a durable and responsive platform designed to withstand demanding use.

The brake pedal features an 80kg load cell with 24-bit resolution for highly accurate input translation, while the accelerator uses a Hall sensor with 10-bit resolution. Both pedals offer adjustable travel, with the accelerator also providing adjustable sensitivity for personalised control.

Extensive physical adjustment, including multiple pedal angle positions and vertically and laterally adjustable foot pads, allows the system to be configured to the driver's preference. Interchangeable polyurethane elastomers further enable the brake stiffness and resistance to be tailored for a more realistic and consistent feel.

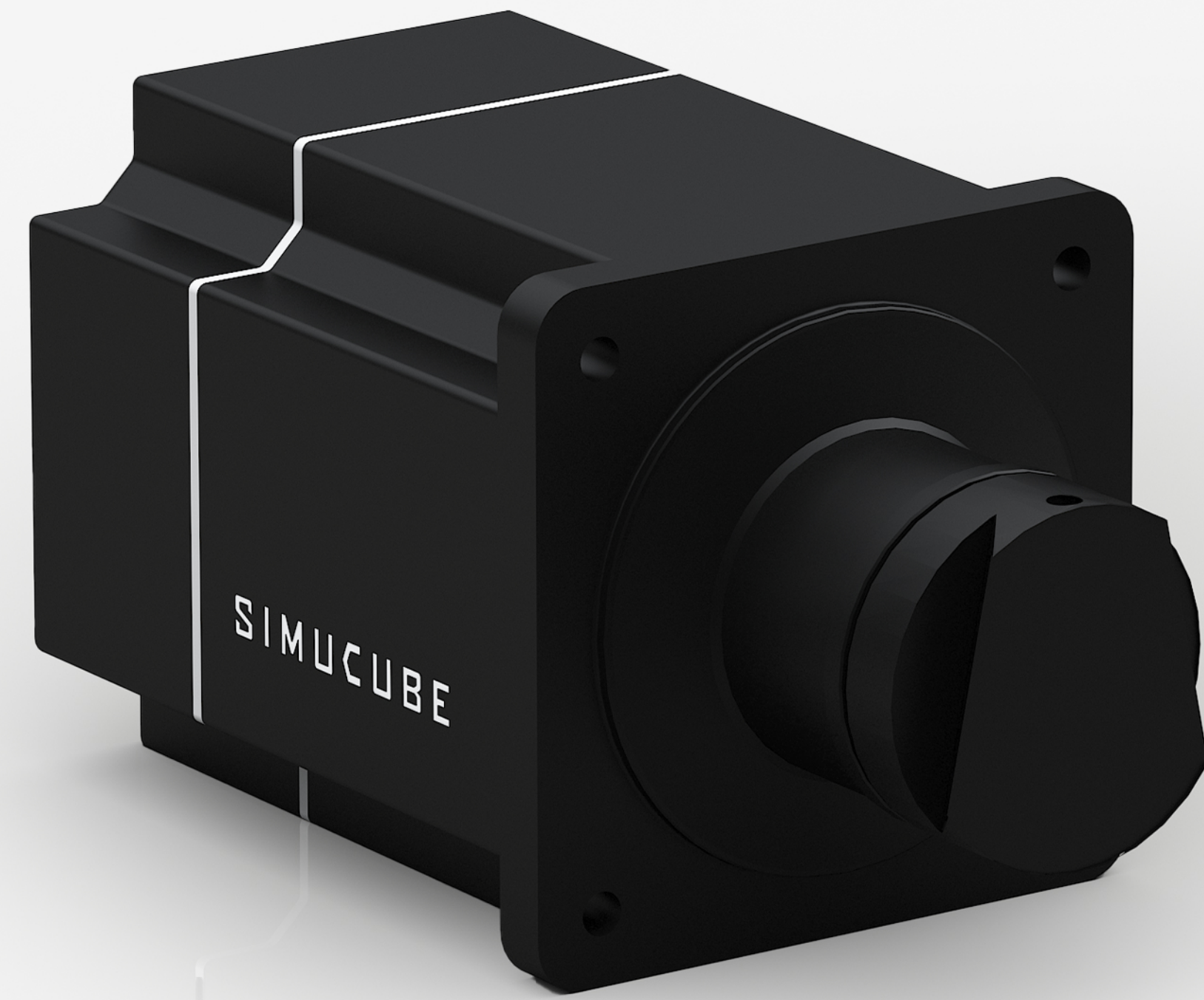


Stage 1



Moza Racing R12 DD Wheel Base

Stage 2



Simucube 2 Sport

Stage 3



Simucube 2 Pro

Sparco KG 345 Karting Wheel

The Sparco KG 32 is a 350mm racing wheel designed to deliver a precise and authentic driving experience within the Vesaro Kart. Its premium black Alcantara finish provides a secure, comfortable grip, while the anodised black aluminium spokes offer a lightweight yet durable construction.

Finished with clean white cross-stitching and Sparco branding, the KG 32 brings genuine motorsport styling to the simulator. Its responsive design provides the driver with a direct connection to the virtual kart, delivering the control and confidence required for both competitive racing and immersive driving sessions.



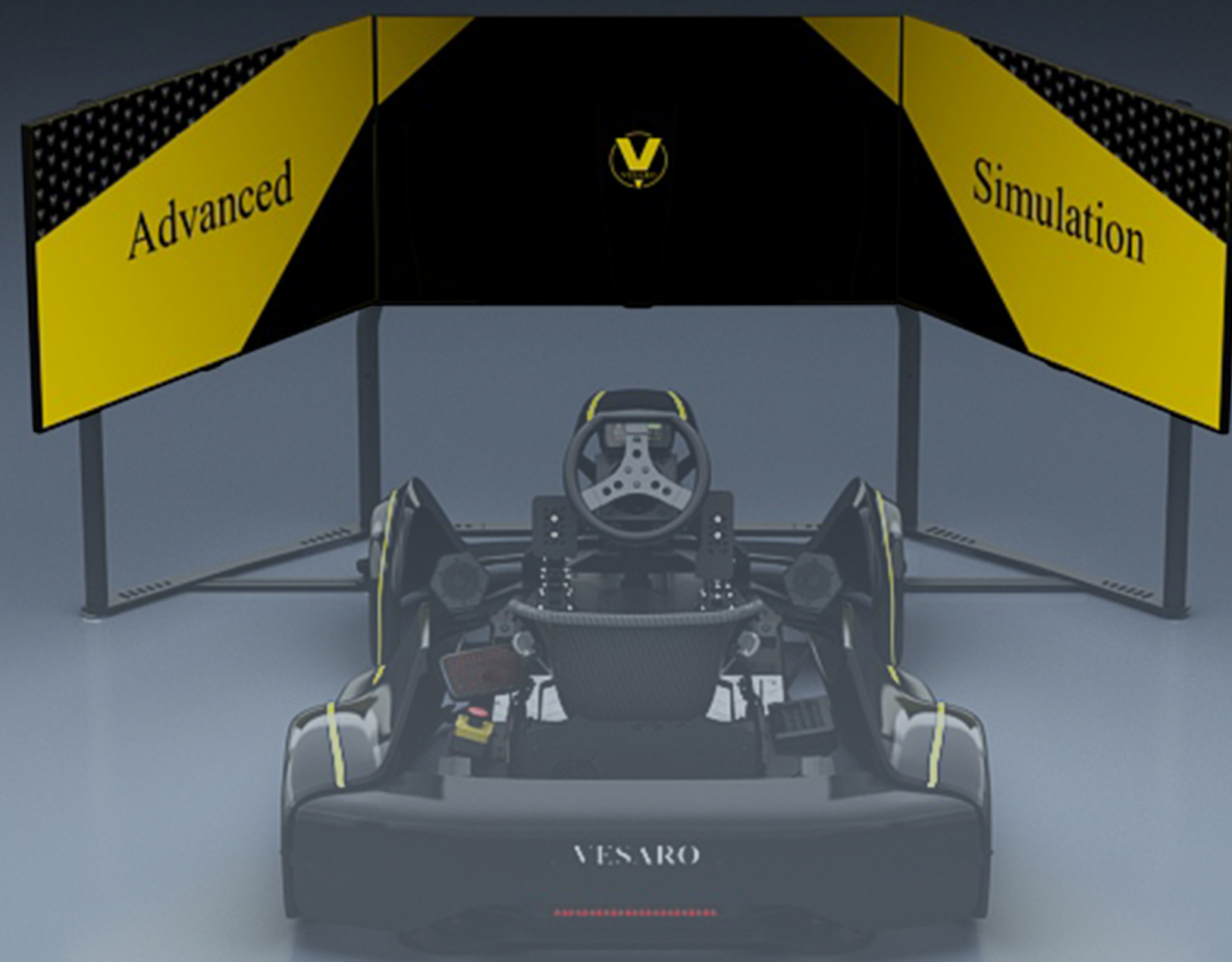


Data Display Unit

The Pro Controls V-Spec DDU Data Display Unit provides a clear and customisable interface for displaying essential telemetry data directly within the Vesaro Kart. Its vibrant 4.3-inch LCD screen delivers key race information with excellent clarity, allowing drivers to monitor performance at a glance without obstructing the main display.

The unit features 16 individually customisable RGB LEDs, with adjustable colour, brightness, and function for personalised visual feedback. SimHub enables bespoke screen layouts and data configurations, while Vesaro systems are supplied with a pre-configured display as standard.

Integrated into the Vesaro Kart’s wheel base shroud, the DDU provides an optimal viewing position while maintaining the clean and focused design of the simulator.



Single Display Screen 50 Inch

The Single Display Screen 50 Inch provides an expansive and immersive visual experience for the Vesaro Kart, delivering clear, detailed imagery across a large 50-inch display.

Its generous screen size enhances the sense of scale within karting simulations, allowing drivers to maintain a clear view of the virtual track while creating a more engaging and lifelike driving environment. With vibrant colour, sharp detail, and a dedicated mounting position integrated with the Vesaro Kart, the display complements the simulator's compact and focused driving experience.

Exact specifications are subject to change. Please contact our Sales Team for further information.





Triple Display Screen 50 Inch

The Triple Display Screen 50 Inch configuration provides an expansive and immersive visual environment for the Vesaro Kart. Featuring three 50-inch displays positioned to create a wide field of view, the setup surrounds the driver with detailed and engaging visuals for a more lifelike karting experience.

The increased screen coverage enhances peripheral vision and provides a greater sense of speed, scale, and track awareness within racing simulations. Vibrant colour and sharp image detail across all three displays further complement the responsive controls and immersive features of the Vesaro Kart.

Ideal for drivers seeking a more encompassing visual experience, the triple-screen configuration delivers an engaging and highly immersive simulation environment.

Exact specifications are subject to change. Please contact our Sales Team for further information.

Triple Display Screen 55 Inch Ark

The Triple Display Screen 55 Inch Arc setup, featuring three Samsung Odyssey Ark monitors, delivers an expansive and highly immersive visual experience for the Vesaro Kart. With three 55-inch curved 1000R displays, the configuration creates a panoramic field of view that surrounds the driver and enhances the sense of speed, scale, and track awareness.

Each 4K UHD display features Mini-LED backlighting, a 165Hz refresh rate, and a 1ms response time, delivering sharp, fluid, and highly responsive visuals. AMD FreeSync Premium Pro further enhances the experience with smooth, tear-free performance across the triple-screen setup.

The curved configuration integrates seamlessly with the Vesaro Kart, creating an impressive wraparound visual environment that places the driver at the centre of the action. Ideal for immersive karting simulation, the Triple Arc setup provides exceptional visual fidelity and peripheral awareness for both entertainment and driver training.

Exact specifications are subject to change. Please contact our Sales Team for further information.





Single Display Stand

The Vesaro Single Display Stand provides a strong, adjustable, and refined mounting solution for the Vesaro Kart. Taking design cues from the Vesaro I Chassis, its clean construction complements the aesthetics of the simulator while providing a secure platform for a wide range of commercially available displays.

Supporting screen sizes from 27" to 100", the stand incorporates versatile VESA mounting compatibility with adjustable adaptor brackets. Built-in height adjustment allows the display to be positioned precisely to achieve the ideal eye-line and accommodate different simulator configurations and motion systems.

Designed to provide a stable and professional display solution, the Vesaro Single Display Stand complements the Vesaro Kart while maintaining a clean and cohesive overall system.

Triple Display Stand Compact

The Vesaro Triple Display Stand Compact provides an immersive triple-screen solution for the Vesaro Kart, bringing three 40"–50" displays close to the driving position for an engaging and expansive visual experience. Its compact design is ideal for installations where space efficiency is important, without compromising the visual impact of a wraparound display.

Extensive built-in adjustment allows each screen to be individually positioned for the ideal driver eye-line and viewing angle. Height, pitch, rotation, and screen angle can all be adjusted, while the outer displays can be angled in for a tighter configuration or out for improved accessibility.

Compatible with both static and motion-equipped Vesaro systems, the stand supports a range of VESA mounting configurations and discreetly routes cabling through its centre legs for a clean, showroom-ready finish.





Triple Display Stand Plus

The Vesaro Triple Display Stand Plus provides a large-format triple-screen solution for the Vesaro Kart, positioning three 55" displays close to the driving position for an expansive and highly immersive visual experience. Its larger footprint makes it an ideal choice for those looking to create a statement installation with exceptional visual impact.

Each screen features extensive built-in adjustment, including height, pitch, rotation, and viewing angle, allowing the displays to be precisely aligned with the driver's eye-line. The outer screens can also be angled in for a tighter wraparound configuration or outwards for improved accessibility.

Compatible with static and motion-equipped Vesaro systems, the stand supports a range of VESA mounting configurations and discreetly routes cabling through its centre legs for a clean, professional finish.

Vesaro PC

Our Vesaro PC is designed and produced in-house, with multiple performance levels available to suit a range of requirements. Each system is built to work seamlessly with Vesaro simulators, delivering a fully integrated, on-board solution.

All PC levels support Single Screen, Triple Screen, and VR, with higher tiers offering increased graphical fidelity, enhanced features, and improved overall performance. Every system is fully configured at Vesaro HQ and optimised to run at a minimum of 60 FPS.

No user setup is required. Should assistance be needed, our Vesaro Support Team can provide remote support (with prior permission).

Fully installed and configured drivers
Control systems set up for all included sims
Graphics optimised for performance and quality
Full system backup for easy restoration
2 Year RTB Warranty (Private) / 1 Year RTB Warranty (Commercial)

For detailed specifications or to discuss the right configuration, please contact our team.





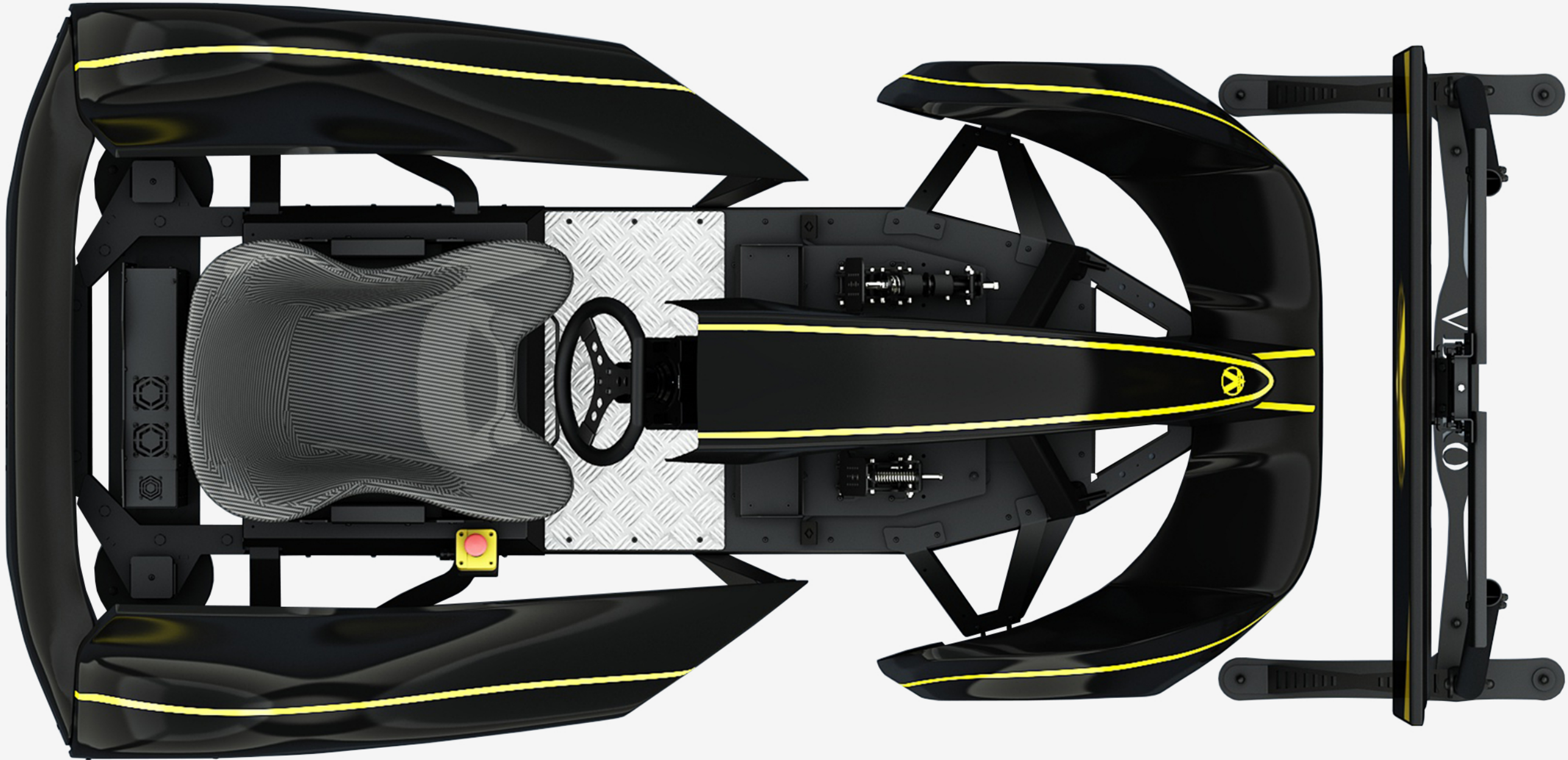
Custom Liveries

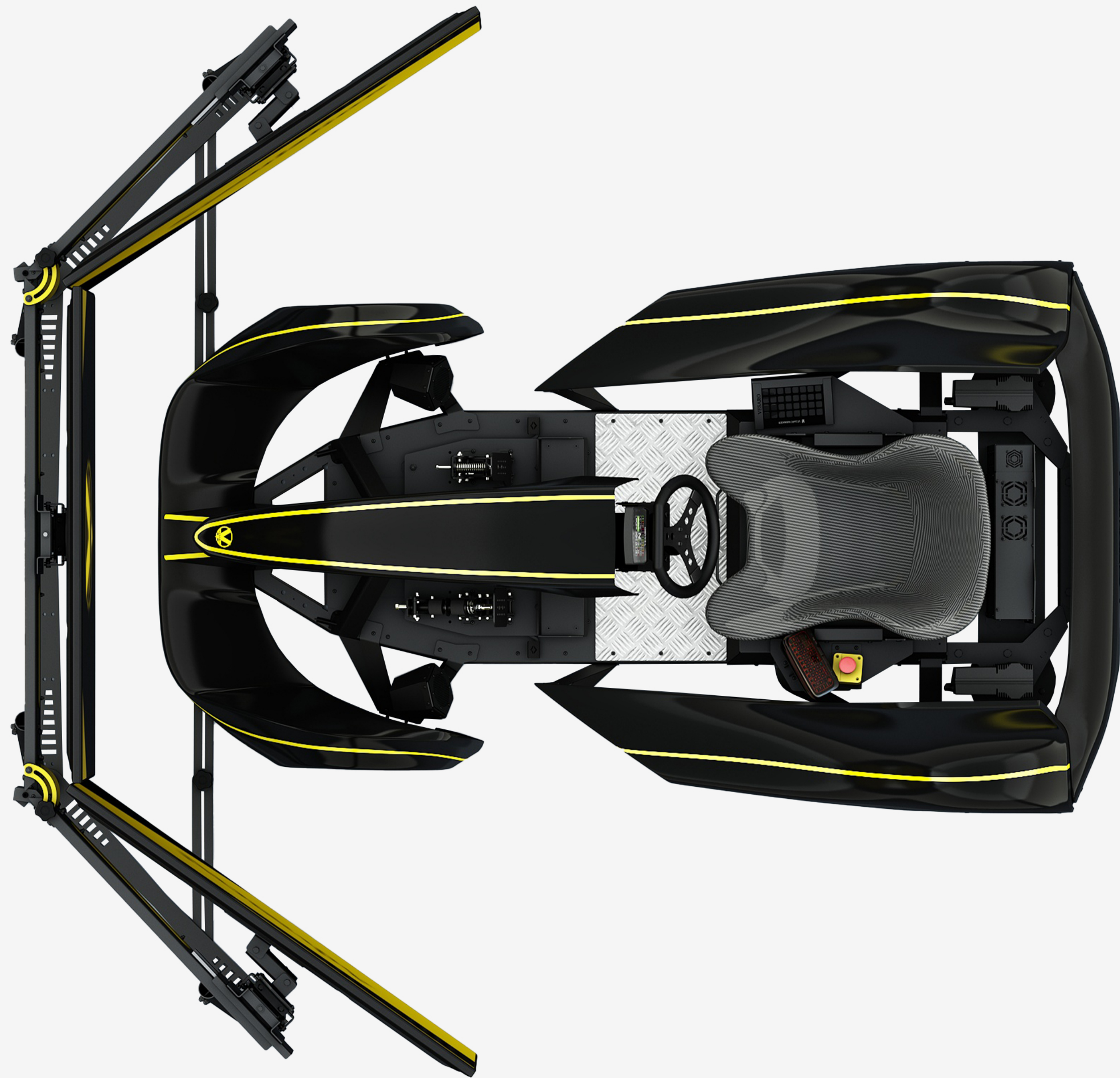
The Vesaro Kart offers extensive customisation options, allowing each simulator to be tailored to individual preferences, brand identity, or specific requirements. Its kart-inspired design provides an ideal platform for bespoke finishes, colours, graphics, and branding, creating a simulator that is both distinctive and highly personal.

Whether it's a motorsport-inspired livery, a corporate branding package, or a unique personal design, the Vesaro Kart can be customised to complement any environment. Combined with a range of configurable hardware, seating, display, and immersion options, it delivers a truly bespoke karting simulation experience without compromising on performance or authenticity.

Dimensions: Stage 1

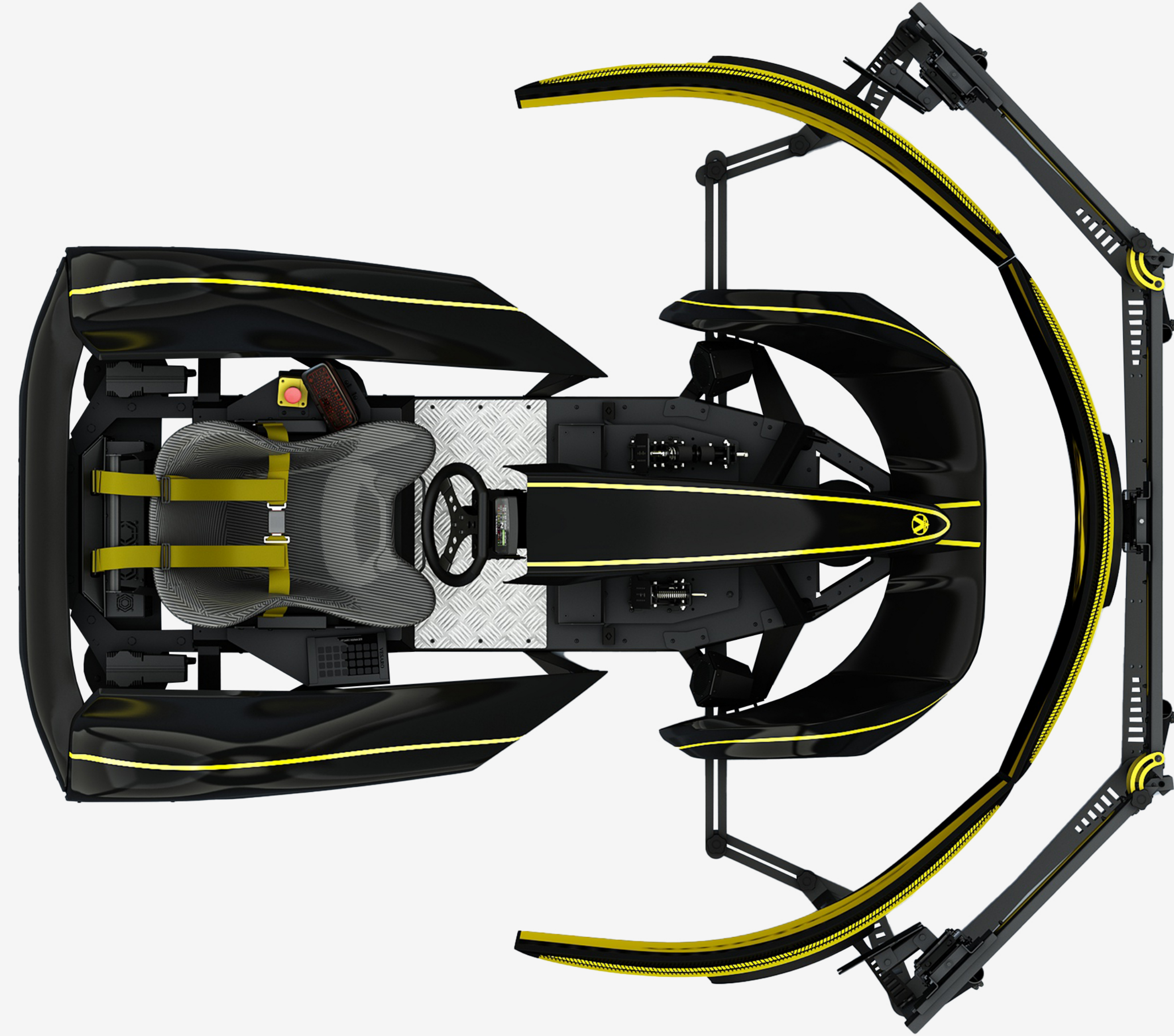
Length: 263cm
Width: 131cm
Height: 75cm





Dimensions: Stage 2

Length: 263cm
Width: 131cm
Height: 75cm



Dimensions: Stage 3

Length: 263cm
Width: 131cm
Height: 75cm



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.

Phone: +44 1622 236445

Website: www.vesaro.com

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