



simworx[®]
robocoaster
Media Based Attractions

PRODUCT BROCHURE

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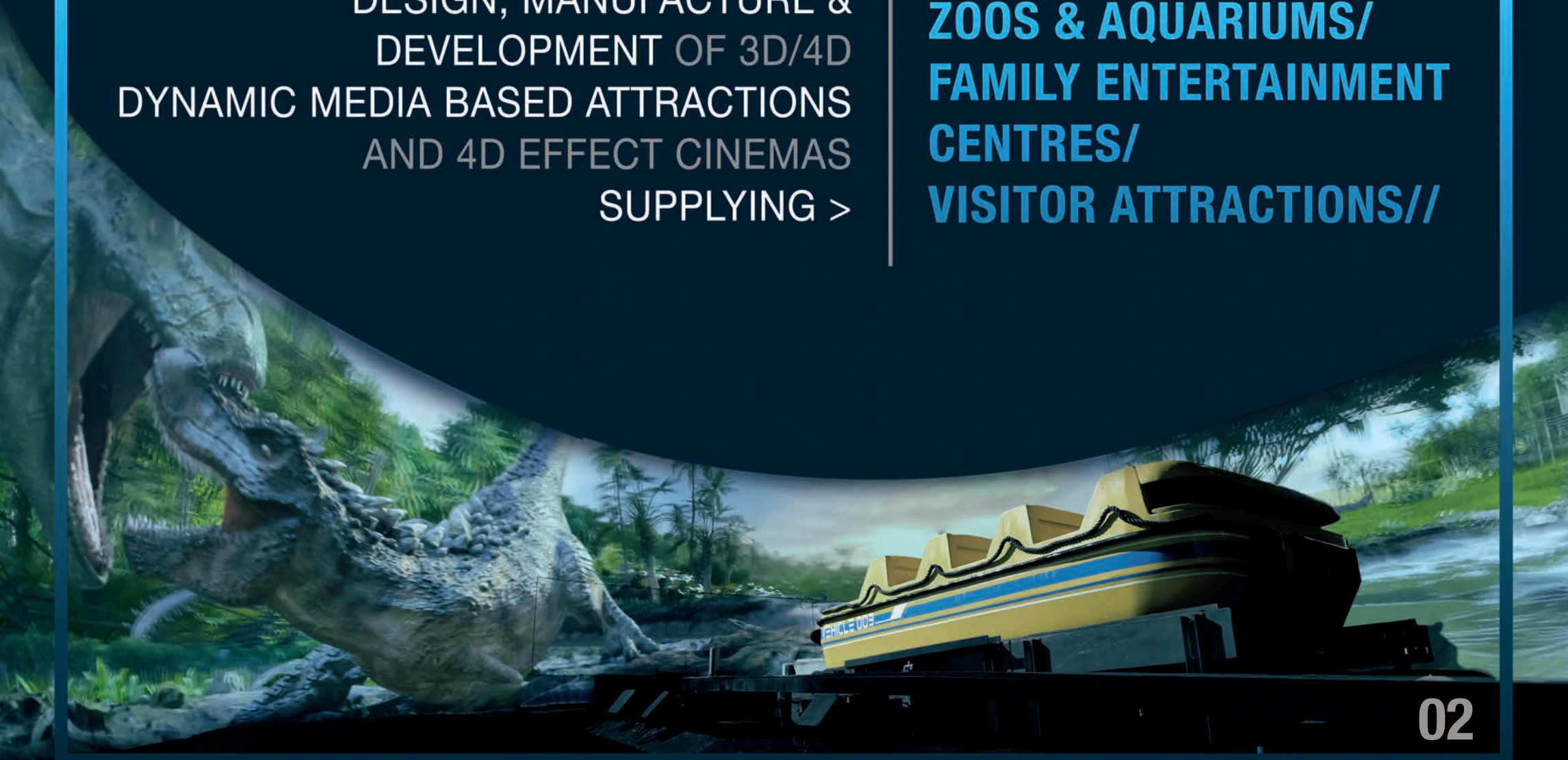
CONTACT US



SUPPLY SECTOR //

SIMWORX HAS EMERGED AS ONE OF THE WORLD LEADERS IN THE DESIGN, MANUFACTURE & DEVELOPMENT OF 3D/4D DYNAMIC MEDIA BASED ATTRACTIONS AND 4D EFFECT CINEMAS SUPPLYING >

**THEME PARKS/
MUSEUMS/
ZOOS & AQUARIUMS/
FAMILY ENTERTAINMENT
CENTRES/
VISITOR ATTRACTIONS//**



CONCEPT TO REALITY //

CONCEPT DESIGN & ENGINEERING



Our team of creative design engineers can create amazing custom attractions specifically for your venue

MANUFACTURING



High tech manufacturing facility based in the UK ensures our products meet the highest quality and safety standards

LIBRARY FILM & BESPOKE MEDIA



Vast film library with many titles added year on year combined with the ability to create and supply custom media content

DELIVERY & INSTALLATION



Full delivery and installation are all taken care and coordinated of by our dedicated project managers and install teams

AFTER SALES & SUPPORT



Attractions and products are maintained and serviced by our specialised support staff to provide trouble free operation

ADVERTISING & PRESS



We are always very proud of our installations, so we will maximise the publicity for your new attraction

AMAZE, EXCITE, STIMULATE & EDUCATE //

Simworx provides a literally sensational experience for your visitors.

We create experiences like no other with the use of motion simulation technology, immersive interactivity, unique audio visual solutions, and every sense is stimulated by our range of 3D/4D effects, sight, sound, touch, scent and movement.

Guests can see what it's really like to blast off into outer space and experience zero gravity, take a deep sea dive and swim with colourful sea creatures, or be transported back in time on a wild dinosaur adventure... visitors will scream, shriek, laugh, sniff and smile. Our capabilities range from providing a full turnkey solution to creating a totally bespoke attraction, working with you to identify your requirements before exceeding your expectations.



SOME OF OUR CLIENTS



OCEANOGRÀFIC



VALENCIA





GLOBAL INSTALLATIONS //





OUR PRODUCTS

4D CINEMA | IMMERSIVE TUNNEL | MINI FLYING THEATRE | AGV DARKRIDE | STARGAZER |
IMMERSIVE ADVENTURER | COBRA DARKRIDE | ROBOCOASTER | IMMERSIVE SUPERFLUME
| 360 FLYING THEATRE | FLY MOTION | 4DVR | PARADROP VR | PACE SETTER | ALPINE RACER



4D CINEMA

08



4D CINEMA

Simworx was one of the pioneers in introducing 4D Effects Cinema's to the leisure & entertainment industry back in 2005, and has long been the 'Go To' company for high quality 4D Cinema's. By combining cutting edge 3D projection systems and 3D film content from our extensive library (or even a custom production) with our range of 4D effects seats, we are able to create the ultimate 4D Cinema experience

Curved or flat screens, motion seats with 0DOF, 1DOF or 3DOF motion and vibration, 3D projection and surround sound, aroma, lighting, bubbles, smoke and other effects are offered with a range of seat styles to meet your requirements.

Each 4D seat is available in a wide range of colours and materials and has its own motion base to offer complete flexibility when laying out the theatre or attraction. As standard it has integrated water spray, air blast and leg tickler with other options available.

- FROM 12 SEATS
- LARGE SELECTION OF 4D EFFECTS
- 0DOF / 1DOF / 3DOF MOTION
- BESPOKE FILM CONTENT
- LIBRARY OF 3D/4D FILMS
- HD, 2K AND 4K 3D VISUAL SOLUTIONS
- OPTIONAL INTERACTIVE TABLETS





***THE IMMERSIVE
TUNNEL***

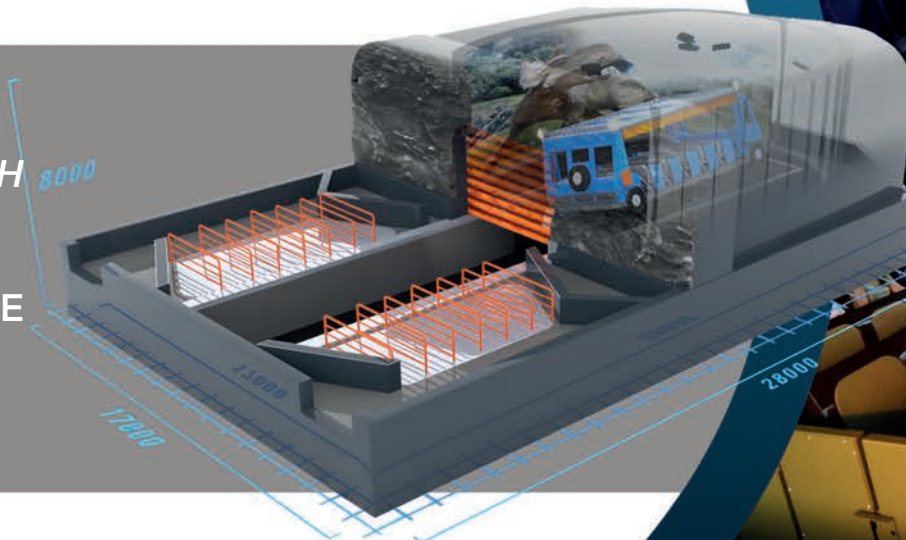
IMMERSIVE TUNNEL



A dynamic, totally immersive attraction that takes sensory and physical simulation to a new level - the Immersive Tunnel is one of Simworx's most innovative products.

After entering the Immersive Tunnel attraction, visitors take their seats on a 'vehicle' styled simulator located within a themed 'loading bay'. Once loaded, the simulator moves forward along a short track into the middle of a huge 360 degree 3D projection screen and riders are then taken on a fun-filled journey that assaults the senses – dynamic motion, special effects, surround sound and 3D film totally immersing riders to the front and both sides of the vehicle combining to give them a unique, adrenaline inducing adventure like no other!

- OPTIONAL TRACK SYSTEM
- 30 OR 60 SEAT VERSIONS
(HIGHER CAPACITIES AVAILABLE WITH MULTIPLE'S)
- LARGE SELECTION OF 4D EFFECTS
- HIGHLY DYNAMIC 3DOF MOTION BASE
- 360 DEGREE 3D PROJECTION
- 30 SEAT - (L x W x H): 28m x 17m x 8m
- 60 SEAT - (L x W x H): 47m x 17m x 8m



The image shows the interior of a Mini Flying Theatre ride. The seats are arranged in two rows, suspended from a dark metal structure. The background is a large screen displaying a scenic view of a waterfall cascading down a rocky cliff. The lighting is dim, highlighting the mechanical components of the ride.

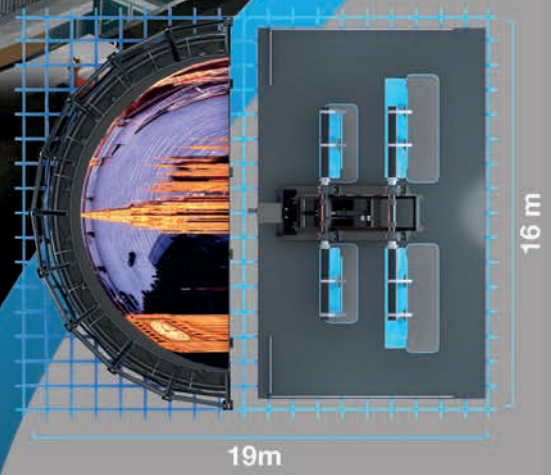
Mini Flying Theatre



MINI FLYING THEATRE

An innovative and very accessible product that minimises the space and civil work required for operators, with floor level load and unload. Simworx's Mini Flying Theatre enables 20 or 24 riders per cycle to experience unique movements perfectly synchronised with a movie being played on a 1/4 dome screen. Provided in full turnkey solutions, The Mini Flying Theatre is supplied with surround sound audio and a 4K projection system. (Higher resolution options available)

During the ride experience, guests move forward and backward during the experience in conjunction with the all important sensation of flying which is enhanced as the riders legs are dangling free, while a range of in-theatre effects such as water spray, wind, smoke and special effects lighting provide operators with a truly sensational ride, guaranteed to excite visitors.



- FULL TURNKEY SOLUTIONS
- 20/24 SEAT UNITS
- INTEGRATED AV SYSTEMS
- COMPLETE SHOW CONTROL
- OPTIONAL EFFECTS
- BACK-TO-BACK DUAL OPTION: 40/48 SEATS
- CUTTING EDGE RIDE TECHNOLOGY





AGV DARKRIDE

AGV DARK RIDE



Get ready for the ride of your life... Simworx's new range of AGV (Automated Guidance Vehicle) Dark Rides take the genre to whole new levels. No tracks and no power cables, an ability to move in ANY direction, and an acceleration of 0.3G that is unrivalled within the industry.

Each AGV has a seating capacity of 8 persons and integrated 3DOF motion system and on-board 4D effects. When combined with a custom designed AV solution by one of the most experienced AV integrators worldwide, clients are assured of a leading edge ride that will excite and enthrall visitors for years to come...

We offer clients a genuine turnkey solution for their attractions. In addition to our AGV Dark Ride's we also supply:

- In-Show Effects,
- 3D Projection Systems,
- Surround Sound,
- Show Control,
- Theming,
- Pre-Show / Post-Show,
- Custom Film Productions,



- FULL TURNKEY SOLUTIONS
- STOCK OR CUSTOM VEHICLE DESIGNS
- 3DOF ON-BOARD MOTION SYSTEMS
- COMPLETE SHOW CONTROL
- OPTIONAL ON-BOARD 4D EFFECTS
- CUSTOM DESIGN AV SOLUTIONS AND SHOW-MOTION

A group of people, including adults and children, are seated in a motion theatre vehicle. They are all wearing 3D glasses and appear to be enjoying the experience. The vehicle has yellow seats and a black and white checkered pattern on the front edge. The background is dark, suggesting an indoor setting.

STARGAZER
Motion Theatre



STARGAZER

Another innovative and highly dynamic product, the Stargazer is a self contained 6-DOF motion simulator, with a custom theming option which will seat 8 passengers.

Provided in full turnkey solutions, the Stargazer is supplied with surround sound audio and a HD/2K or 4K 3D projection screen utilising a selection of flat or curved screens.

The entire experience is pulled together through a show control system, while on board, in theatre effects such as water spray, wind, snow, bubbles, smoke and special effects lighting provide operators with a truly sensational ride guaranteed to excite visitors.

- FULL TURNKEY SOLUTIONS
- 8 - 800 SEATS (EACH HAS 8 SEATS)
- LARGE SELECTION OF 4D EFFECTS
- HIGHLY DYNAMIC 6DOF MOTION BASE
- LIBRARY OF 3D/4D FILMS
- HD, 2K AND 4K 3D VISUAL SOLUTIONS
- FOR ENTERTAINMENT AND EDUCATION
- CUSTOM VEHICLE DESIGN



*Immersive
Adventurer*

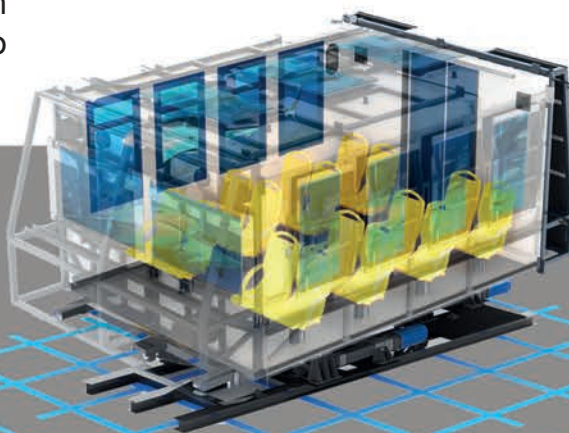
IMMERSIVE ADVENTURER



Simworx's Immersive Adventurer enables 16 riders per cycle to experience exhilarating motion during a ride, whilst a movie is played on 'windows' surrounding the vehicle. Provided in full turnkey solutions, The Immersive Adventurer is supplied with surround sound audio and a HD or 4K visual system. The simulator fits inside a themed enclosure so guests don't see the capsule, to enhance the illusion and retain the immersive experience.

After entering the Immersive Adventurer, visitors take their seats on a 'vehicle' styled capsule and are taken on a fun-filled journey that assaults the senses - dynamic motion, surround sound and film showing on the side windows, front screen and even the roof of the vehicle combine to give the most realistic experience possible. Each 'vehicle' sits upon a highly dynamic, 3DOF motion base which, combined with our range of 4D effects, results in an unrivalled attraction to entertain and educate.

- 16 SEAT UNITS
- LARGE SELECTION OF 4D EFFECTS **3300**
- DYNAMIC 3DOF MOTION BASE
- 13 IMMERSIVE 4K SCREENS
- BESPOKE VEHICLE DESIGN
- INSIDE ENCLOSURE TO RETAIN ILLUSION





COBRA

DYNAMIC MOTION THEATRE



COBRA

The Cobra is a highly dynamic, 25 seat, simulator mounted upon a three axis hydraulic motion base. Available with custom theming options and using a motion system that has been deployed in over 100 attractions, visitors are guaranteed a smooth, and unforgettable experience.

Provided in singular or multiple units, the Cobra is supplied with surround sound audio and a 4K, 3D projection system utilising a selection of flat or curved screens.

The entire experience is pulled together through a show control system while on-board and in-theatre effects such as water spray, wind, snow, bubbles, smoke and special effects lighting, you can be certain that your customers will exit the ride with a huge smile on their faces.

- 25 - 400 SEATS
(EACH UNIT HAS 25 SEATS)
- LARGE SELECTION OF 4D EFFECTS
- HIGHLY DYNAMIC 3DOF MOTION BASE
- HD, 2K AND 4K 3D
VISUAL SOLUTIONS
- LIBRARY OF 3D/4D FILMS



ROBOCOASTER

ROBOCOASTER



A dynamic dark ride solution, based on a self-contained motion base & media solution. Providing heave, pitch and roll movements, with a unique blend of large and sweeping motion.

The Robocoaster is available as a 3 or 4 seat, indoor, dynamic motion simulation attraction, with 4 or 6DOF movement. Riders will be in awe at the totally immersive show, combined with a smooth yet dynamic motion experience, making this one of the best, media based simulation attractions, available industry-wide.

The attraction is available with a domed screen AV solution or with VR headsets, making it truly versatile for a variety of settings.

Multiples of each unit can be combined in various layouts to give a flexible and high capacity throughput ride.

- FULL TURNKEY SOLUTION
- 3 OR 4 SEAT UNITS
- INTEGRATED AV SOLUTION
- BESPOKE FILM CONTENT
- SMOOTH BUT DYNAMIC MOTION
- FOR EDUCATION & ENTERTAINMENT





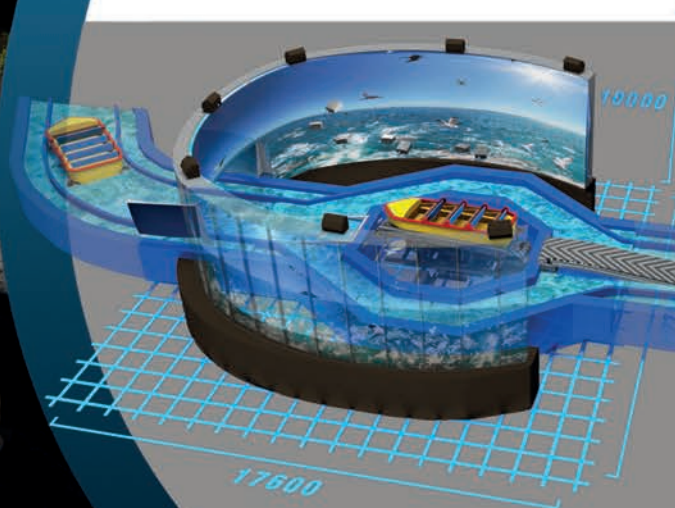
Immersive
Superflume

IMMERSIVE SUPERFLUME

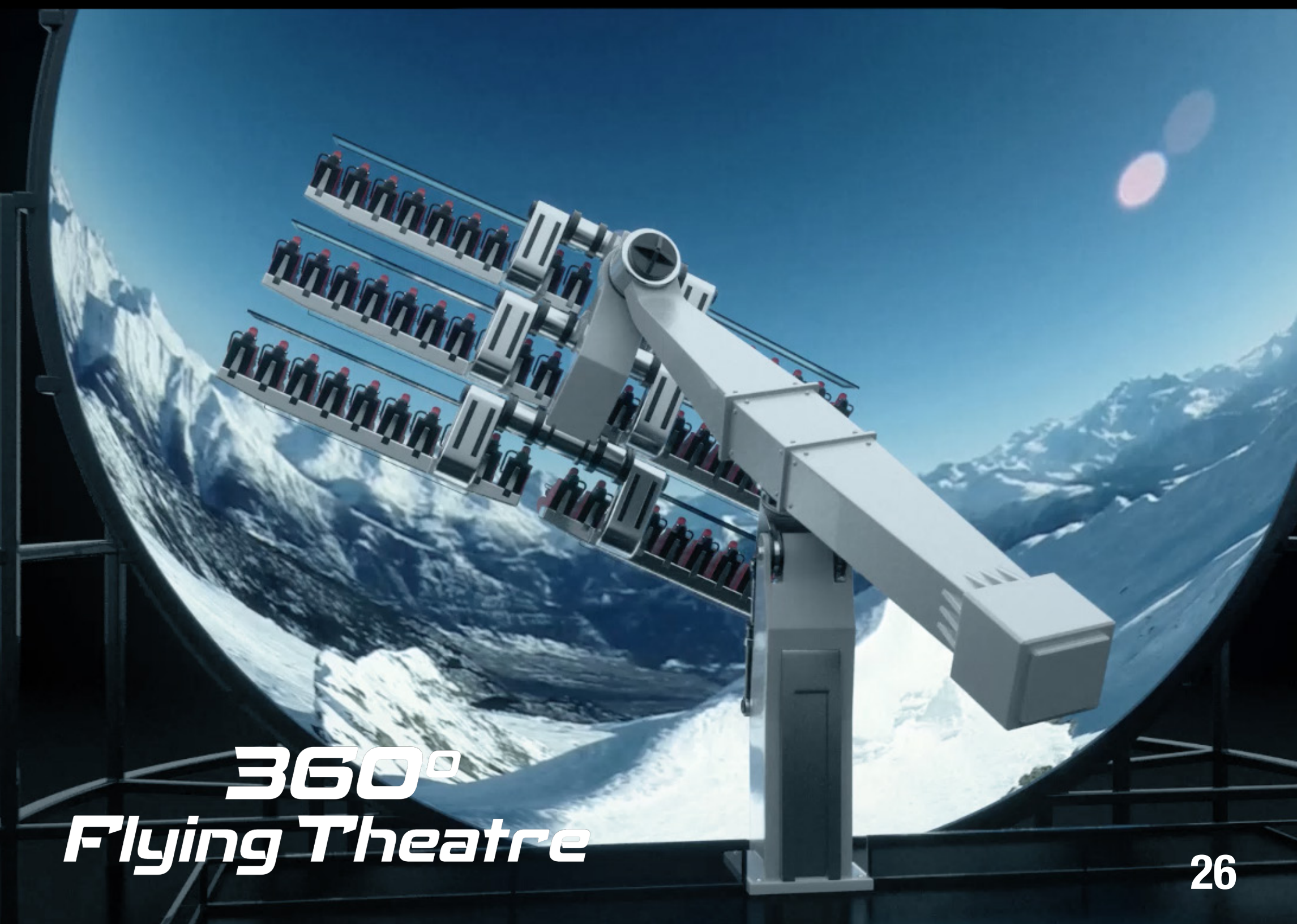


By combining Simworx's unique Immersive Tunnel technology to an existing or new water ride, operators can give their take their ride's sensory and physical simulation to a whole new new level! An adrenaline inducing adventure that will excite, thrill, scare and enthrall in equal measures, the Immersive Superflume is the latest innovative product to come from Simworx.

Visitors take their seats on a traditional floating vehicle and are taken on a fun-filled water ride, with the addition of cutting-edge AV technology, that assaults the senses. During the Immersive Tunnel section guests will experience physical platform drops, dynamic light and motion, surround sound, a range of 4D effects, and 3D film projected to the front and both sides of the vehicle to complete immerse riders to give the most realistic experience possible.



- LEADERS IN IMMERSIVE AND MOTION RIDE TECHNOLOGY
- LARGE SELECTION OF 4D EFFECTS
- HIGHLY DYNAMIC 3DOF MOTION BASE
- 360 DEGREE 3D PROJECTION
- BESPOKE VEHICLE DESIGN
- CUSTOM MADE FILM CONTENT



***360°
Flying Theatre***

360 FLYING THEATRE

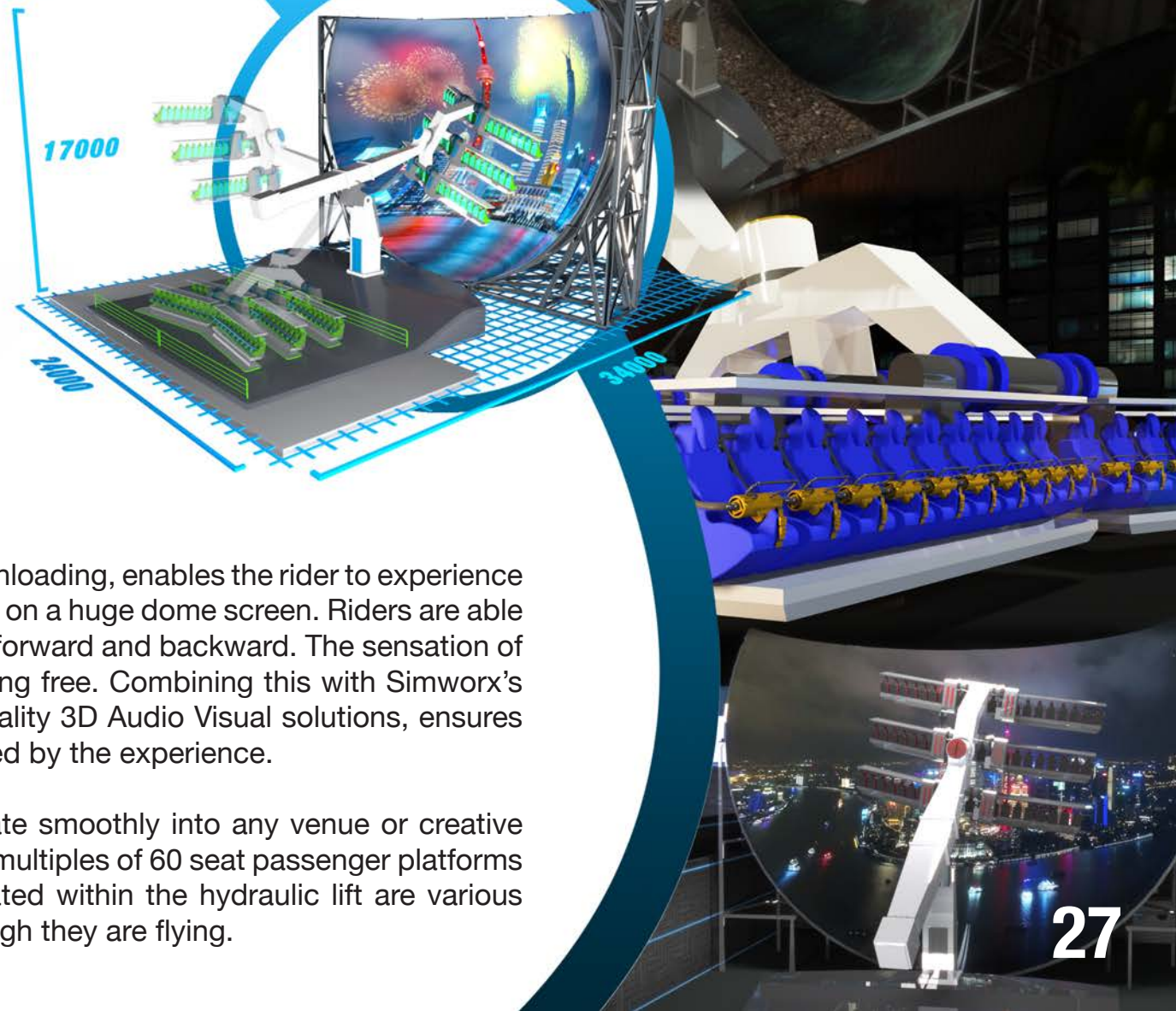


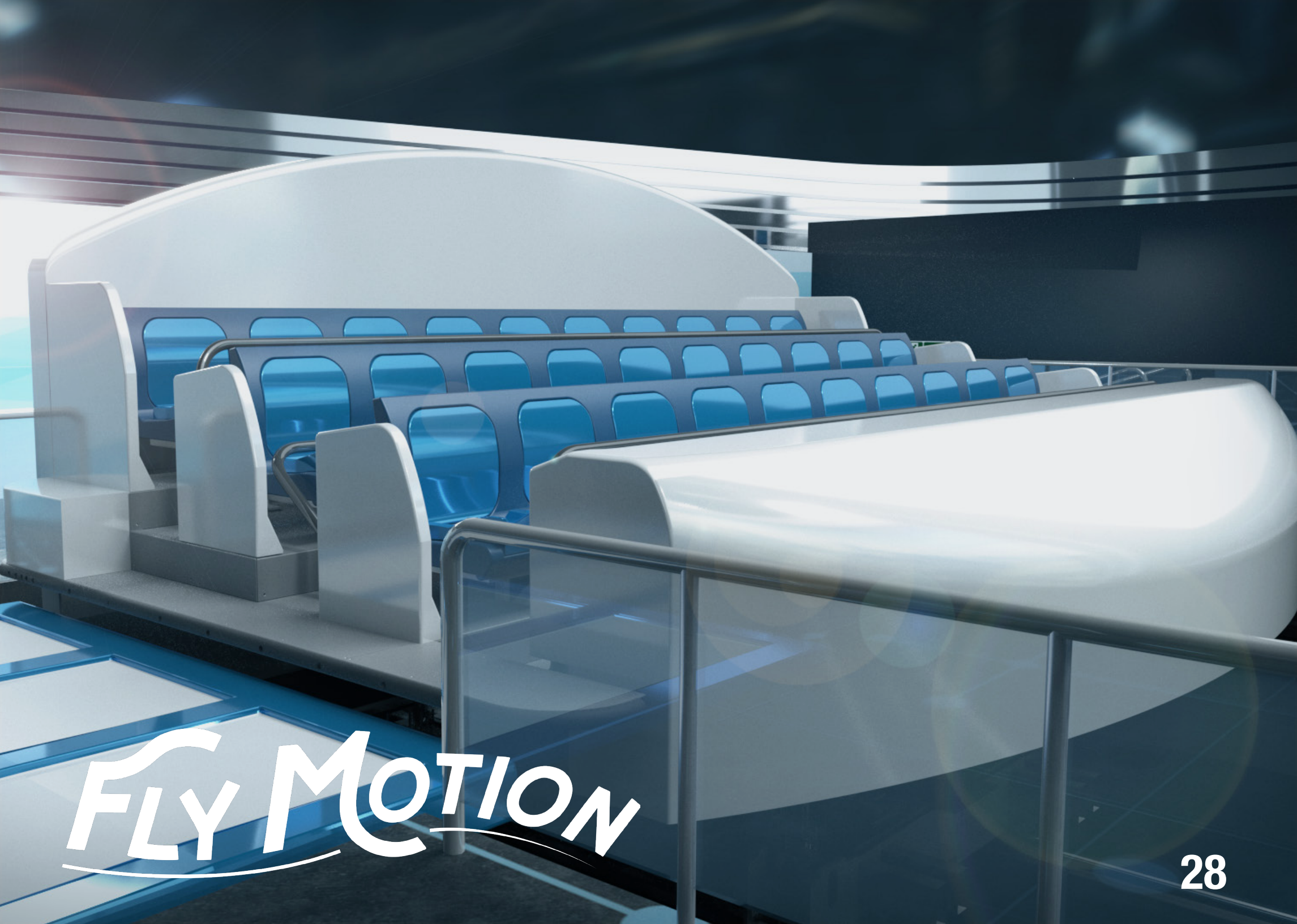
- 60 SEATS (HIGHER CAPACITIES AVAILABLE VIA MULTIPLE'S)
- INTEGRATED AV SYSTEMS
- COMPLETE SHOW CONTROL
- OPTIONAL EFFECTS
- SPACE REQUIRED (H x D x W): 17M x 34M x 24M

Simworx has partnered with MONDIAL - one of the leading ride manufacturers in the industry, bringing an all new range of technologies together for a breathtaking attraction.

The Flying Theatre, with floor level loading and unloading, enables the rider to experience unique movements during a movie being played on a huge dome screen. Riders are able to move up and down, sideways to both sides, forward and backward. The sensation of flying is enhanced as the riders legs are dangling free. Combining this with Simworx's world renowned expertise in delivering high quality 3D Audio Visual solutions, ensures that operators and their riders will be left amazed by the experience.

Designed to offer total flexibility and to integrate smoothly into any venue or creative concept. The 360° Flying Theatre is supplied in multiples of 60 seat passenger platforms mounted upon a hydraulic lifting mast. Integrated within the hydraulic lift are various motion pivots which make the rider feel as though they are flying.





FLY MOTION



FLY MOTION

A dynamic, totally immersive attraction that takes sensory and physical simulation to a new level - the Fly-Rider is one of Simworx's most innovative products.

An adrenaline inducing adventure that will excite, thrill, scare and enthrall in equal measures, the Fly-Rider is Simworx's latest innovative product. In configurations of 30 seats they are also available with an optional track system that allows guests to board in a separate loading area before moving through for a grand reveal of the show room.



After entering the Fly-Rider attraction, visitors take their seats on a 'vehicle' styled simulator located within a themed 'loading bay'. Once loaded, the simulator moves forward along a short track into the middle of a huge curved 3D projection screen and riders are then taken on a fun-filled journey that assaults the senses and simulates a fantastic Fly-Over experience over spectacular landscapes. Coupled with dynamic motion, special effects, surround sound and 3D film totally immersing riders to give them a unique, adrenaline inducing Flying adventure like no other!



paradrop^{VR}™

powered by
simworx



paradrop^{VR}™

powered by
SIMWORX

ParadropVR is a fully immersive attraction that combines dynamic physical movement with free roam VR content. Both the physical and virtual game play is 100% controlled by the user for a totally unique and realistic flying experience.

ParadropVR simulates flying a para-glider, designed to give full control of movement, riders curate their own adventure as they experience the sharp drops and smooth deceleration to create a realistic feeling of gliding through the skies.

With an integrated interactive game element controlled by the participant, the competitive, skill-based nature of the experience will have guests coming back for more, looking to beat their friend's high scores.

- SIMULATES FLYING A PARA-GLIDER
- INTEGRATED GAMIFICATION
- FULL USER CONTROL
- FULL TURNKEY SOLUTIONS - INCLUDES VR CONTENT
- COMPELLING COMMERCIAL RETURNS
- MULTIPLE THEMING OPTIONS
- SMALL FOOTPRINT
- LEADERBOARD APP





4DVR



4DVR

Our range of VR ride solutions create captivating motion experiences suitable for all ages.

With cutting edge 3DOF motion seats to simulate the twists and turns of your VR adventure, featuring dramatic drops and air blasts, visitors are in for the ride of their life.

Simworx's full turnkey solution is designed to offer total flexibility and integrates smoothly into any venue or creative concept. Choose from an extensive library of VR films and create truly out of this world experiences for your guests.

Also available with an optional joystick element which converts the experience from a passive one to interactive. Allowing guests to create their own adventure and compete against fellow participants for the highest score.

- FULL TURNKEY SOLUTIONS
- 12 – 100 SEATS
- INTEGRATED VR SYSTEMS
- INTEGRATED GAMIFICATION
- FULL USER CONTROL
- COMPLETE SHOW CONTROL
- OPTIONAL EFFECTS
- OPTIONAL JOYSTICK





ALPINE VR RACER

ALPINE RACER VR

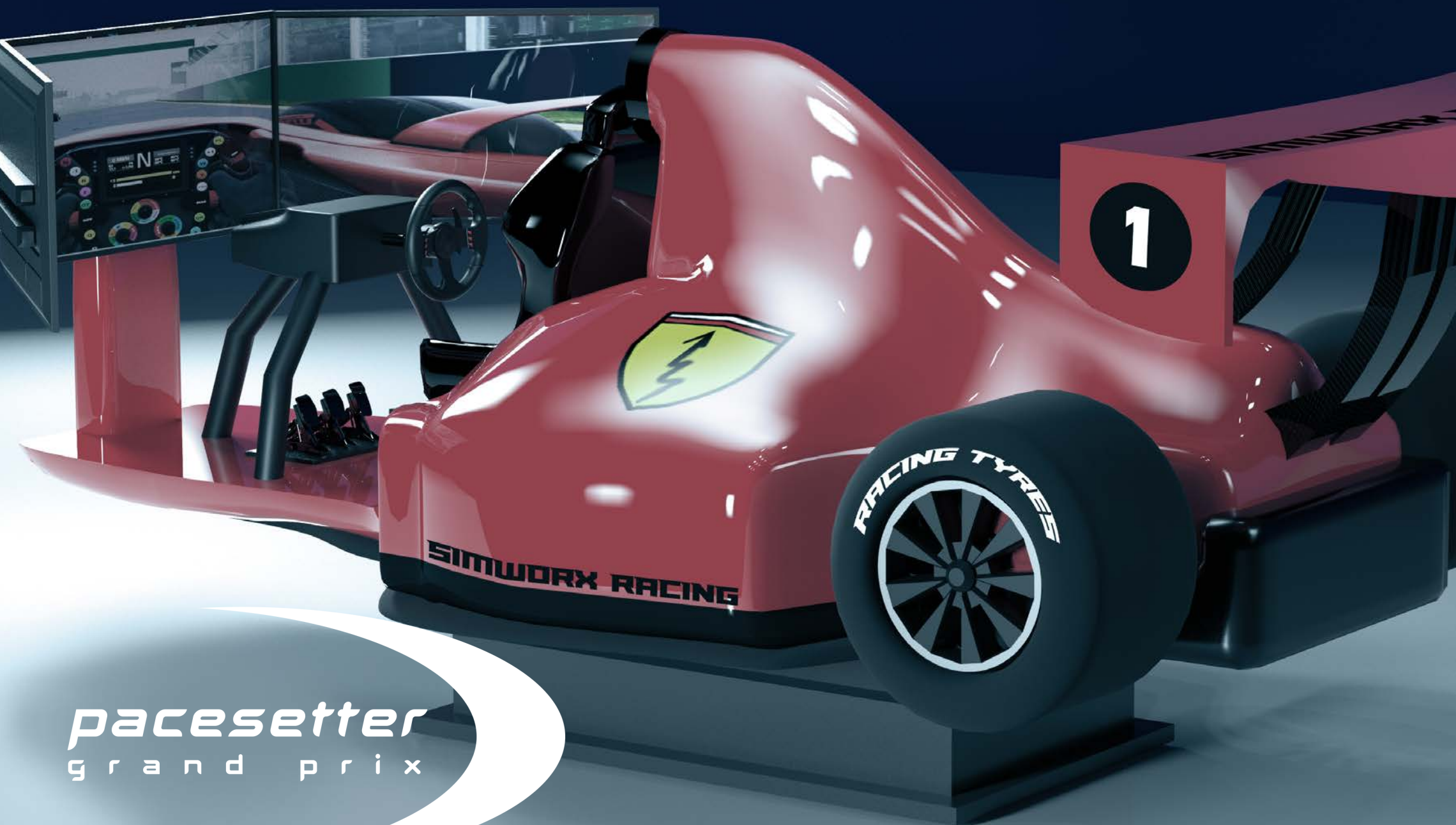


The Alpine Racer VR puts guests in the driver's seat on a downhill virtual snow-covered thrill ride. Blazing through fresh powder as they navigate the icy mountain collecting points as they go. Gameplay is synchronised with the movement of the rider's sledge themed seat further enhancing the feeling of really sledging at high speed down the pristine, white alps.

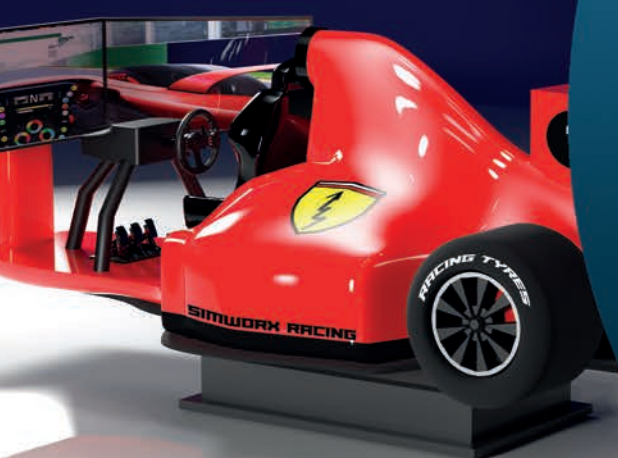
The VR game environment gives riders complete freedom within the virtual world to explore the slopes and curate their very own adventure which makes each experience unique. Its competitive gameplay allows riders to play against their friends in pursuit of the highest score which can be tracked on the game app's worldwide scoreboard.

The compact and captivating attraction's small footprint makes it an appealing and versatile attraction for small and larger vendors alike. Available in a range of configurations and capacities to fit any space, with the ride exterior customisable to suit the venue.





pacesetter
grand prix



PACESETTER

With over 20 years of experience in Simulation technology, the PaceSetter is the latest Simulator Product from Simworx. Utilising 2-DOF to allow the simulator seat to move in the Pitch and Roll Axis, this compact and sleek Racing Simulator puts guests in behind the wheel and in the driving seat of their favourite high-performance F1 cars.

Gassed up and ready to take to the track, feel the wind in your hair and acceleration as you zoom past friendly competitors in your super-charged motor. The combination of the simulators movement perfectly synced to the onscreen action enhancing the driving experience.

The PaceSetter offers the option of an integrated curved screen in front of its seating setup or the use of VR headsets to truly immerse its drivers.





Thank you



Worldwide Head Office

Simworx Ltd
37 Second Avenue
The Pensnett Estate
Kingswinford
West Midlands
DY6 7UL
United Kingdom

W www.simworx.co.uk
E sales@simworx.co.uk
T +44 (0) 1384 295 733
F +44 (0) 1384 296 525

