

PRODUCT BROCHURE



simworx
robocoaster
Media Based Attractions

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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//**



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.



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

SOME OF OUR CLIENTS



GLOBAL INSTALLATIONS //



AWARDS



 **EY Entrepreneur
Of The Year™**

2019 UK Midlands & South West
Regional Winner



GREEN INITIATIVES

How Simworx is taking steps to be more carbon conscious

OUR COMMITMENTS

Simworx is committed to becoming more environmentally sustainable, incorporating green practices and looking for ways to improve our footprint on the planet.



We have developed ride seating that is manufactured from recycled polypropylene materials, using a simple recycling system. Most of our attractions are now electrical, rather than powered by hydraulics.



We have a no print policy where possible at Simworx, utilising digital documentation.



We are consciously reducing our carbon footprint and making trips only where necessary, utilising Zoom or Teams calls. We also provide online after sales support services, where possible.



Simworx considers its environmental impact in everyday activities and life, from energy efficient LED lighting, to providing 3 electric vehicle charging points with FREE electric for staff and visitors on our company car park.

OUR PRODUCTS

**4D CINEMA | IMMERSIVE TUNNEL | FLYING THEATRE | AGV DARKRIDE | STARGAZER |
IMMERSIVE ADVENTURER | COBRA DARKRIDE | 4DVR | PARADROP VR | ROBOCOASTER |
IMMERSIVE SUPERFLUME | PEGASUS FLYING THEATRE | METRO MOVER**





4D CINEMA

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! This versatile attraction can be customised to any theme from Pirates to a Jeep Safari, London bus or Rocketship – where riders are transported is up to your imagination.

The Immersive Tunnel's versatile nature also gives it the ability to be integrated into other ride types such as Water Flumes or Roller Coasters giving a traditional ride a high-tech twist.

- OPTIONAL TRACK SYSTEM
- 30 OR 60 SEAT VERSIONS
- LARGE SELECTION OF 4D EFFECTS
- HIGHLY DYNAMIC 3DOF MOTION BASE
- 360 DEGREE 3D PROJECTION
- 30 SEAT - (L x W x H): 28m x 21.5m x 8m
- 60 SEAT - (L x W x H): 47m x 21.5m x 8m





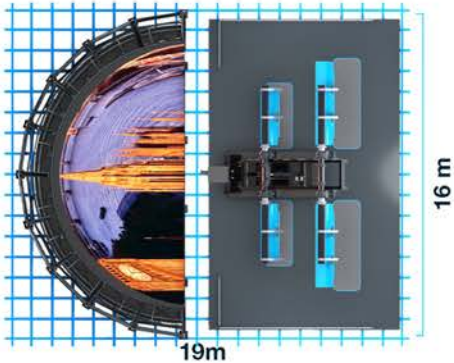
Flying Theatre

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.



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





ACV

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, at speeds of up to 2.4m/s 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,
- 3D Glasses and Glass Cleaning Machines



- FULL TURNKEY SOLUTION
- 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



STARGAZER

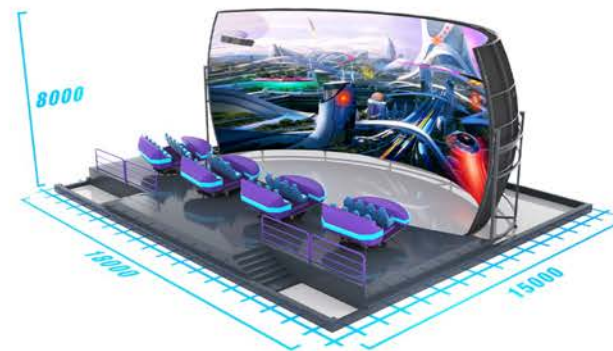
Motion Theatre

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.

A highly customisable attraction, our Stargazer can be customised to create any vehicle from your imagination. With optional interactive elements integrated. 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
- AVAILABLE IN MULTIPLES OF 8
- 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

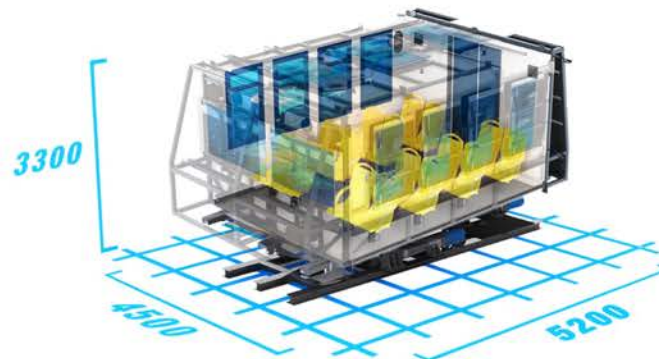
IMMERSIVE ADVENTURER

A FORMER FAVOURITE NOW GIVEN A HIGH-TECH UPGRADE. 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.

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. 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.

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





COBRA

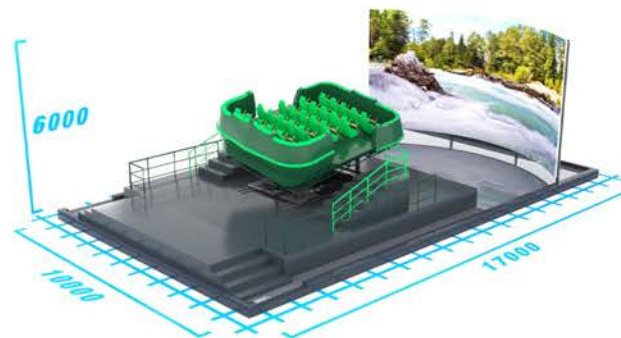
DYNAMIC MOTION THEATRE

COBRA DARK RIDE

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 (25 SEAT UNITS)
- LARGE SELECTION OF 4D EFFECTS
- HIGHLY DYNAMIC 3DOF MOTION BASE
- HD, 2K AND 4K 3D VISUAL SOLUTIONS
- LIBRARY OF 3D/4D FILMS





paradropVR™
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
- 2 – 100 SEATS
- INTEGRATED VR SYSTEMS
- INTEGRATED GAMIFICATION
- FULL USER CONTROL
- COMPLETE SHOW CONTROL
- OPTIONAL EFFECTS
- OPTIONAL JOYSTICK
- CUTTING EDGE RIDE TECHNOLOGY





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 LEVEL!

An adrenaline inducing adventure that will excite, thrill, scare and enthrall in equal measures.

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. 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



The image is a promotional graphic for the Pegasus Flying Theatre. It features a large, curved, black interior structure with multiple tiers of white, bucket-like seats. Each seat has a red handle and a small blue light. The seats are arranged in a way that suggests a 360-degree panoramic view. The background is a vibrant, high-contrast landscape of a mountain valley with green fields, a turquoise lake, and steep, rocky cliffs under a bright blue sky with white clouds. The overall aesthetic is modern and immersive.

PEGASUS

FLYING THEATRE

PEGASUS

THE PEGASUS FLYING THEATRE OFFERS A UNIQUE AND THRILLING WAY TO BE IMMERSED WITH THE ON-SCREEN ACTION.

With guests seated on the Pegasus Motion Base Seats they experience the feeling of flight as their legs dangle freely and the seat's motion base provides dynamic 3DOF movement synchronised with the on-screen action, simulating flight. With the ability to be themed to suit any story line, guests could be riding a jet bike, a space rocket or even a flying horse.

Riders board from a single or multiple levels, where they are seated and anticipation is high. Unsure of what to expect, the shutter doors in-front of their view open to reveal the incredible and immersive wide dome screen before their eyes. With the use of strategic in theatre lighting and sound effects this transition would be seamlessly achieved to preserve the illusion.

The Pegasus Flying Theatre is supplied with surround sound audio and a 4K projection system (Higher resolution options available). As well as a range of optional in-theatre effects such as water spray, wind, smoke and special effects lighting provide operators with a truly stand-out ride, guaranteed to excite visitors. It can be provided in an array different layout and capacities to suit operator requirements and building constraints.





METRO MOVER

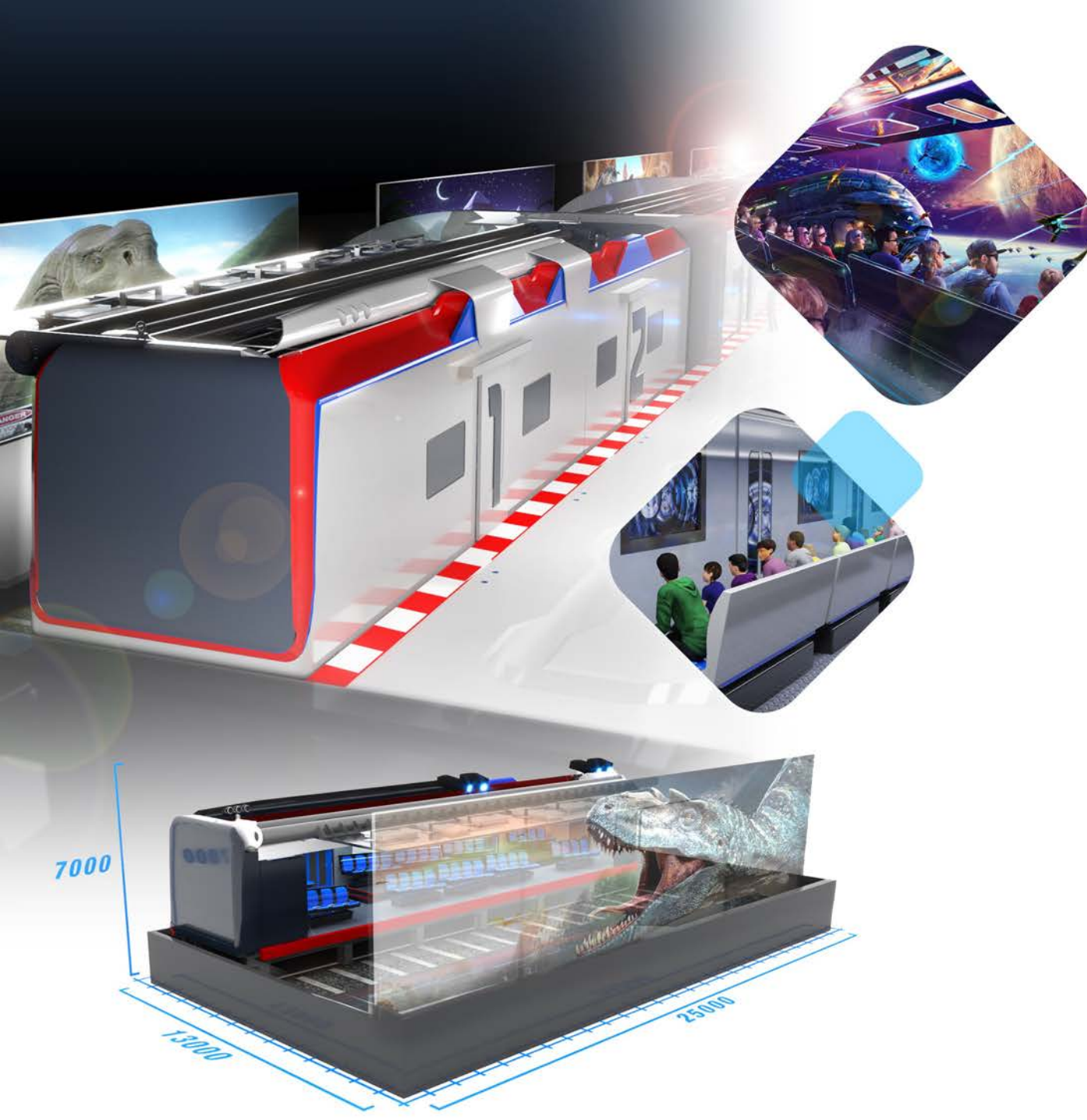
METRO MOVER

STEP ON BOARD THE 'METRO MOVER' AND TRAVEL TO OTHER WORLDS.

This state-of-the-art motion simulator ride takes visitors on a trip of a lifetime through different time zones or places, whether guests embark on an adventure to different places following a storyline, or travel back through time to your venue's location.

The Metro Themed 4D Cinemas are available individually or in multiples, each with a capacity of 40 persons. The fully themed carriages include 3DOF motion seats, surround sound audio, on-board special effects and 7 LED screen 'windows' in each carriage that 'transport' passengers to anywhere your imagination wants to take them to.

Designed to offer total flexibility and to integrate smoothly into any venue or creative concept. This attraction is available with specially designed custom film content to suit a client's venue and any theme, or library films specifically created for this 'time travelling' attraction. With complete show control, optional effects and integrated AV systems the 'Metro Mover' is the perfect ride solution for those looking for a twist on the traditional 4D Cinema!





CUSTOM ATTRACTION

CUSTOM ATTRACTION

SIMWORX CAN CREATE A BESPOKE THEATRE, A MADE-TO-MEASURE SIMULATION ATTRACTION OR A SPECIALLY COMMISSIONED FILM AND EXPERIENCE BASED AROUND YOUR VENUE.

Whether we custom design and implement a full audio-visual experience for you to complement your existing attractions and performances, or devise something completely new.

Dynamic motion floors, vibrating floors, motion seating platforms, moving scenics and space ship simulators have all been created and crafted by our highly skilled and experienced design engineering team.

Whatever your requirements, no matter what the size of your venue, indoors or outdoors, Simworx will work with you to create something exciting, stimulating, dynamic and sensationally unique.





**THANK
YOU**



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