

#### **PRODUCT** BROCHURE



**Media Based Attractions** 

#### SUPPLY SECTOR // -

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

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 >

#### **CONCEPT TO REALITY //**

**CONCEPT DESIGN MANUFACTURING LIBRARY FILM &** & ENGINEERING

**BESPOKE MEDIA** 

**DELIVERY** & INSTALLATION **AFTER SALES & SUPPORT** 

**ADVERTISING &** PRESS





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

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



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

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

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

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

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# 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.

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## **GLOBAL INSTALLATIONS 7/**



# PRODUCTS

4D CINEMA I IMMERSIVE TUNNEL I MINI FLYING THEATRE I AGV DARKRIDE I STARGAZER I IMMERSIVE ADVENTURER I 4DVR I PARADROP VR I COBRA DARKRIDE I ROBOCOASTER I IMMERSIVE SUPERFLUME I 360 FLYING THEATRE I

#### **Dimensions** 4D/5D EFFECTS THEATRE

# **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 funfilled 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 21.5m x 7.5m
- 60 SEAT (L x W x H): 47m x 21.5m x 7.5m

#### Mini Flying Theatre

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- 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

## 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.



# DARKRIDE

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## AGVDARK 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 enthral 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 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

#### **Stargazer** 4D Motion Theatre

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# 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**

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. 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
- DYNAMIC 3DOF MOTION BASE
- 13 IMMERSIVE 4K SCREENS
- BESPOKE VEHICLE DESIGN
- INSIDE ENCLOSURE TO RETAIN ILLUSION







4DVK

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
- CUTTING EDGE RIDE TECHNOLOGY





# paradrop version of the second second

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

paradrop

- COMPELLING COMMERCIAL RETURNS
- MULTIPLE THEMING OPTIONS
- SMALL FOOTPRINT
- LEADERBOARD APP

# DYNAMIC MOTION THEATRE



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

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## 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**

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 enthral 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

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### **360° FLYING** THEATRE **S**

- 60 SEATS (HIGHER CAPACITIES AVAILABLE VIA MULTIPLE'S)
- INTEGRATED AV SYSTEMS
- COMPLETE SHOW CONTROL
- OPTIONAL EFFECTS
- SPACE REQUIRED (H x D x W): 19.5M x 45M x 30M

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.

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# Thank you



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