

# **WALLTOPIA**

## **ROPES COURSES**



# WALLTOPIA

Walltopia is the world leader in climbing walls manufacturing and active entertainment attractions with more than 2000 projects in more than 80 countries.

Our Active Entertainment product line was created to provide a fun and engaging way to stay active. We believe that physical activity should be enjoyable and accessible to everyone, regardless of their sport preparation or equipment. Our products are designed to provide versatile experiences that encourage people to spend more time with their family and friends in a meaningful, present way.

**That's the essence of  
ActiveEntertainment.**





## EXPERIENCE THE THRILL OF HEIGHTS

Walltopia Ropes Courses provide a unique way to challenge your flexibility, balance, and strength, while ensuring maximum safety in accordance with eurocode safety standards. Our Ropes Courses offer a wide range of difficulty levels that appeal to both children and adults.

Our attractions are suitable for participants as young as five years old, making them a great way for families to spend time together while staying active.



# OVERVIEW

## Key points

When you choose our products you get so much more than you expect. We pay attention to all of your needs. We work to make your life easier.



### MULTI-DEMOGRAPHIC APPEAL

The difficulty of each obstacle can be tailored to preference or to specific age groups.



### OPERATION EFFICIENCY

Highest manufacturing and safety standards ensure hassle-free operation and low maintenance costs.



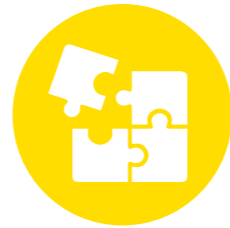
### CUSTOMER SUPPORT

Dedicated support from experts during every step of the process brings peace of mind to business owners.



### FLEXIBLE BUSINESS MODELS

Our courses accommodate linear per-ride or multi-directional hourly-ticketed operation models.



### EASY INTEGRATION

Our flexible designs and extensive theming options allow for easy integration. In addition, the play areas can be customized to any theme.



### TRUSTWORTHY INVESTMENT

Walltopia has a proven record of more than 60 ropes courses projects successfully led worldwide.

# OVERVIEW

## Ideal locations

We have not only built over 70 Ropes Courses over the years, but we have built them at almost any facility type you can imagine. With us any location is ideal.



FECs



SHOPPING CENTERS



ZOOS



AMUSEMENT & THEME PARKS



OUTDOOR PARKS



WATER PARKS



SKI RESORTS



HOTELS



# OVERVIEW



## Design, engineering and manufacturing

Every ropes course is different – an experienced team creates every project from the ground up given the specific features of the available space. Our manufacturing process complies with all relevant European standards which ensures the highest quality of the final product.

## Safety standards

EN 15567	Sports and recreational facilities - Ropes courses
EN 795	Personal fall protection equipment - Anchor devices
EN 354	Personal fall protection equipment - Lanyards
EN 361	Personal fall protection equipment against falls from a height - Full body harness
EN 362	Personal protective equipment against falls from a height - Connectors
EN 12275	Mountaineering equipment - Connectors - Safety requirements and test methods
EN 12385	Steel wire ropes - Safety
EN 1993-1-8	Design of steel structures Part 1-8: Design of joints
CSN EN 1011-2	Welding - Recommendations for welding of metallic materials Part 2: Arc welding of ferritic steels
EN ISO 14341: 2008	Welding consumables - Wire electrodes and weld deposits for gas shielded metal arc welding of non alloy and fine grain steels
ANSI/ACCT 3-2016	Challenge courses and canopy/zip lines tours standards

## 2012 International Building Code

ASCE 7-10	Minimum design loads for buildings and other structures
CWA 2009	General specification for the design and engineering of artificial climbing structures
ASTM F1159	Standard practice for design and manufacture of patron directed, artificial climbing walls, dry slide, coin operated and purposeful water immersion amusement rides and devices and air-supported structures
ANSI/AISC 360 10	Specification for structural steel buildings
ANSI/AWC NDS 2015	
ETAG 001 Edition 1997	Guideline for ETA of metal anchor for use in concrete
ETA 05/0133	
EN ISO 9554	Fibre ropes - General specifications
ISO 10325	Fibre ropes - High modulus polyethylene 8 strand braided ropes
ISO 10547	Polyester fibre ropes - Double braid construction
TS EN ISO 1968	Fibre ropes and cordage - Vocabulary
TS EN ISO 2307	Fibre ropes - Determination of certain physical and mechanical properties
EN ISO 1141 Mart 2006	Fibre ropes 3, 4, and 8 strands

# OVERVIEW



## Installation

Our team ensures that the highest quality and safety standards are applied when providing a turn-key solution. All technicians and project managers have passed the Walltopia Academy – trainings for welders, work at height, operation of mobile working platform equipment and others. A civil engineer from the HQ office overviews every installation.



## Maintenance

Certified Walltopia technicians are available for routine checks and inspections to make sure the quality of the attraction stays the same throughout the years; even after the warranty period.





## ROPES COURSE MODELS

Walltopia Ropes Courses are varied and flexible in order to meet each project's specific requirements and constraints. They can be adapted to accommodate different operation models and floor layouts optimizing throughput.



# MODELS



## Hex

- Modular design – easy vertical and horizontal expansion
- Single or multilevel course
- Best linear layout
- Great stand-alone attraction
- High throughput
- Various standard color combinations
- Custom theming possibilities



## Ortho

- Modular design – easy vertical and horizontal expansion
- Single or multilevel course
- Best linear layout
- Great stand-alone attraction
- High throughput
- Various standard color combinations
- Custom theming possibilities

# MODELS



## Suspended

- Space under the structure free for other usages
- Modular design – easy expansion
- Best linear layout
- High throughput
- Various standard color combinations
- Custom theming possibilities



## The Tree Course

- Futuristic design that makes it the anchor attraction
- Single or multilevel course layout to achieve high throughput
- Theming possibilities to better fit in an already existing venue
- Add-ons accommodation such as Rollglider or FlightLine
- Viewing deck to increase the capacity
- Optional lift to make the viewing deck accessible to wheelchair users



# MODELS



## Unharnessed Hex

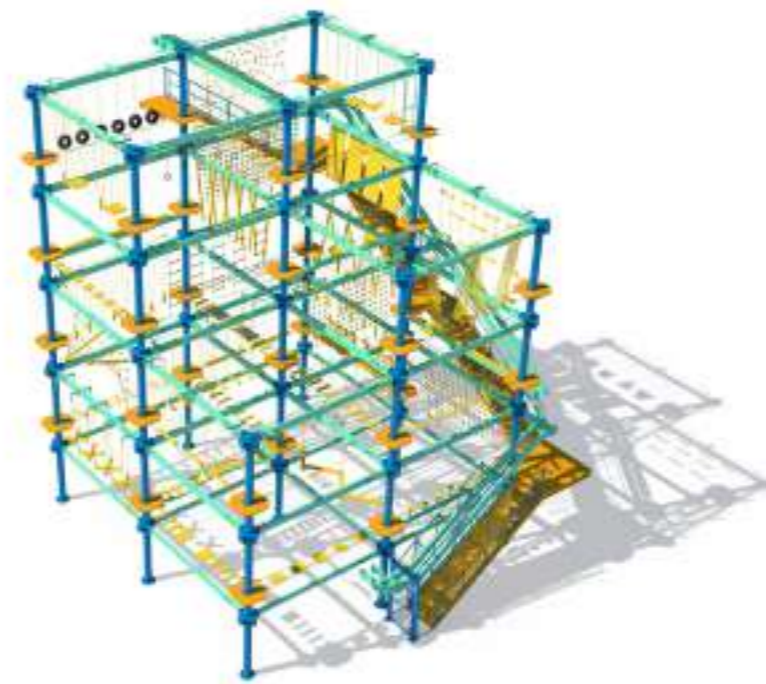
- Modular design – easy horizontal expansion
- Single-level ropes course
- Best multi-directional layout
- Great stand-alone attraction
- Highest guests to footprint ratio
- Various standard color combinations
- Custom theming possibilities



## Unharnessed Ortho

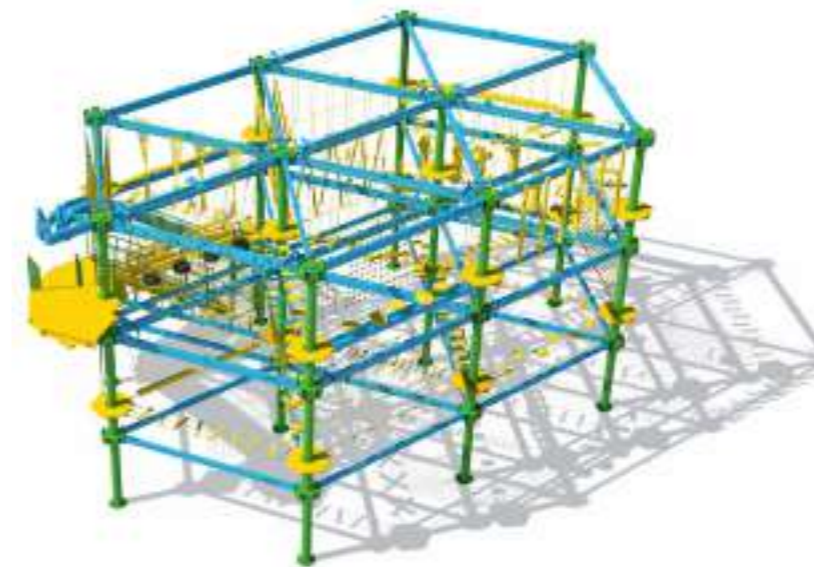
- Modular design – easy horizontal expansion
- Single-level ropes course
- Best multi-directional layout
- Great stand-alone attraction
- Highest guests to footprint ratio
- Various standard color combinations
- Custom theming possibilities

# MODELS



## Pyramid

- Modular design – easy vertical and horizontal expansion
- Single or Multilevel course
- Best multi-directional layout
- Great stand-alone attraction
- Various standard color combinations
- Custom theming possibilities

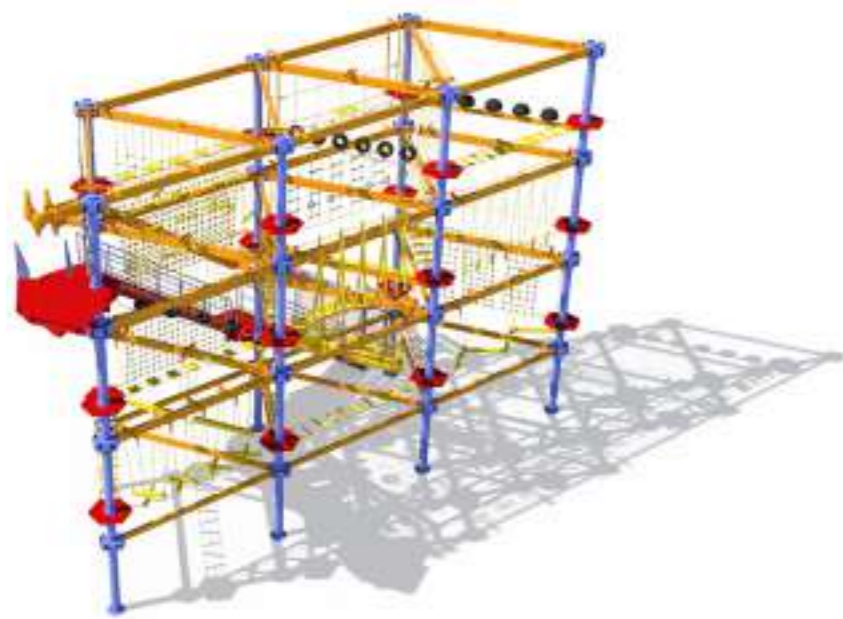


## Extended Hex

- Modular design – easy vertical and horizontal expansion
- Single or Multilevel course
- Best multi-directional layout
- Great stand-alone attraction
- Various standard color combinations
- Custom theming possibilities



# MODELS



## Sliced Hex

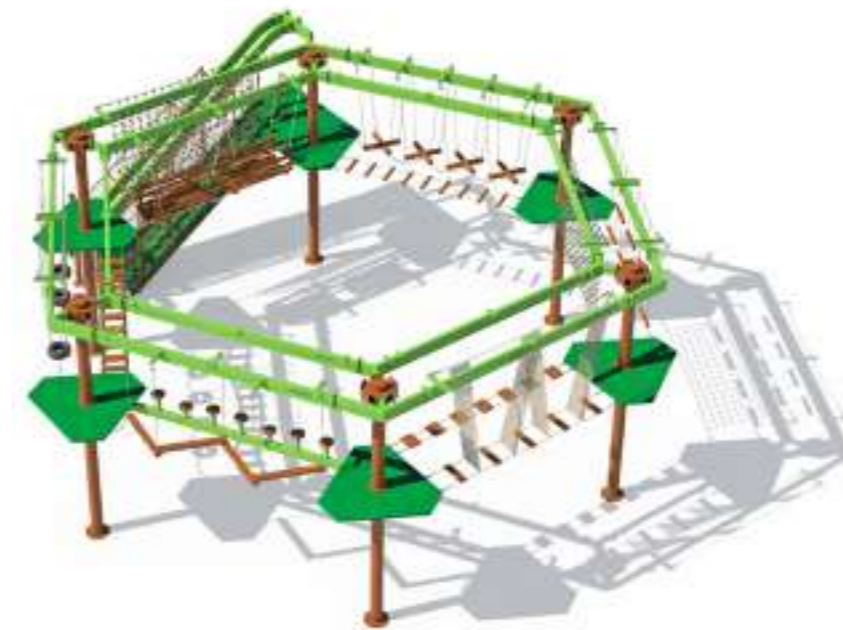
- Modular design – easy vertical and horizontal expansion
- Single or Multilevel course
- Best multi-directional layout
- Great stand-alone attraction
- Various standard color combinations
- Custom theming possibilities



## Horseshoe

- Modular design – easy vertical and horizontal expansion
- Single or Multilevel course
- Best multi-directional layout
- Great stand-alone attraction
- Various standard color combinations
- Custom theming possibilities

# MODELS



## Family Hex

- Modular design – easy vertical and horizontal expansion
- Single or Multilevel course
- Best multi-directional layout
- Great stand-alone attraction
- Various standard color combinations
- Custom theming possibilities



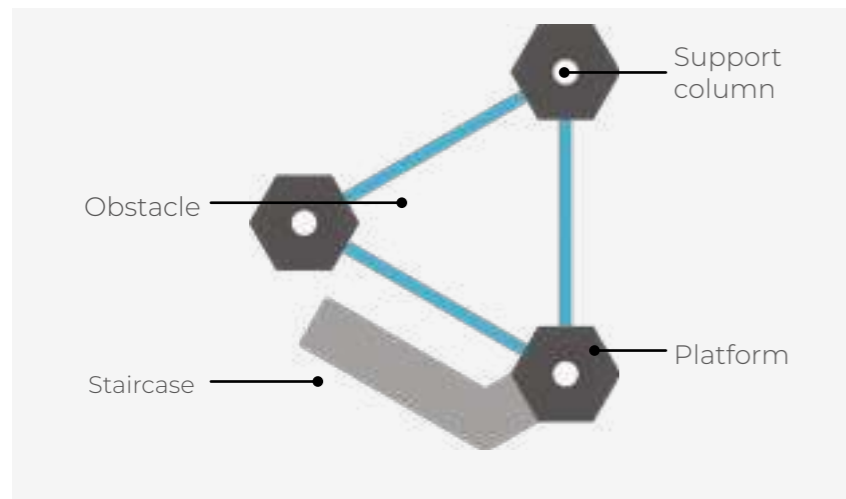
## Family Ortho

- Modular design – easy vertical and horizontal expansion
- Single or Multilevel course
- Best multi-directional layout
- Great stand-alone attraction
- Various standard color combinations
- Custom theming possibilities



# HEX DETAILS

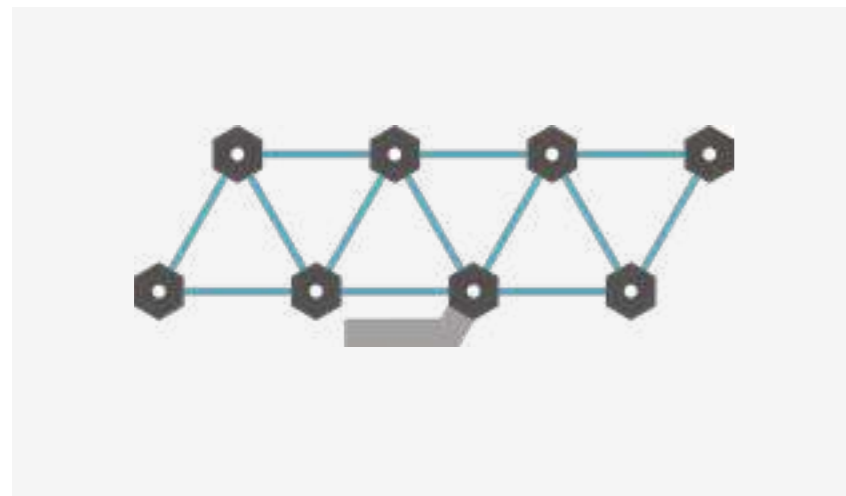
Our best-seller the Hex is our bread and butter. Its modularity makes it highly versatile while its design allows for the highest density of obstacles. It is the ideal fit in most situations.



## Modular structure

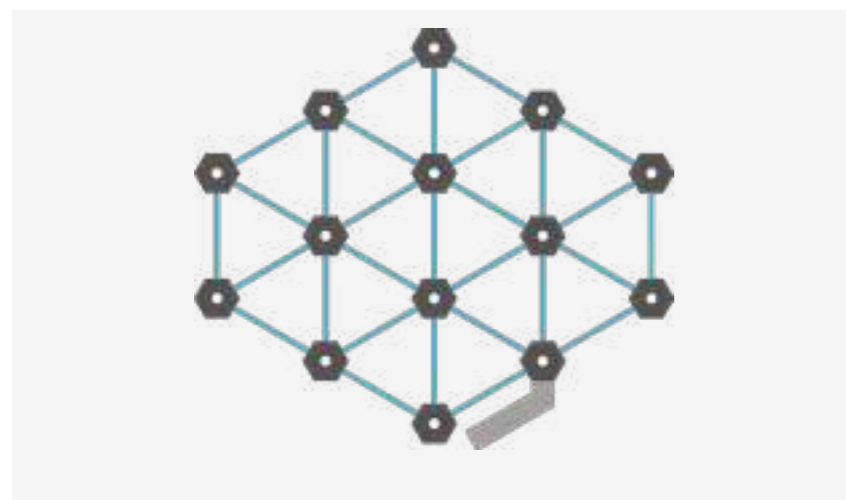
The Hex structure is composed of individual sections which can be laid out next to each other to expand the course both horizontally and vertically. The angles of the sections form platforms and the sides – obstacles.

The obstacles are available in 4, 5, 6, 7 and 8 m lengths (13.1, 16.4, 19.7, 23 ft).



## Configuration examples

**Slim arrangement**  
52 obstacles, 4 levels  
Footprint: ~ 154 m<sup>2</sup> / 1658 ft<sup>2</sup>

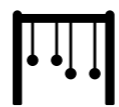


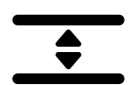



**Large arrangement**  
116 obstacles, 4 levels  
Footprint: ~ 418 m<sup>2</sup> / 4499 ft<sup>2</sup>

# HEX DETAILS



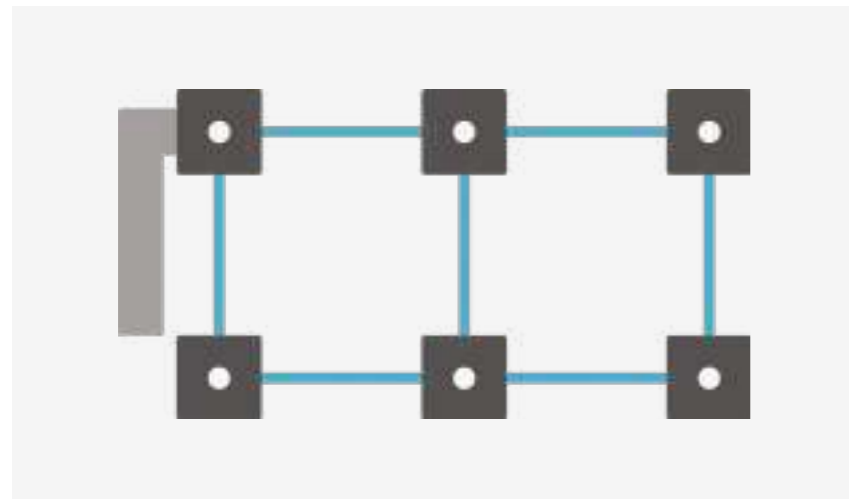
## Hex | 7 Poles | 145 m<sup>2</sup> / 1561 ft<sup>2</sup>

	 Obstacles	 Optimal capacity	 Average time spent	 Height	 Operators
1 Level	12	19	30 min	3,65 m / 12 ft	1
2 Levels	24	38	1h	7,30 m / 24 ft	
3 Levels	36	57	1h 30	10,95 m / 36 ft	2
4 Levels	48	76	2h	14m / 46 ft	



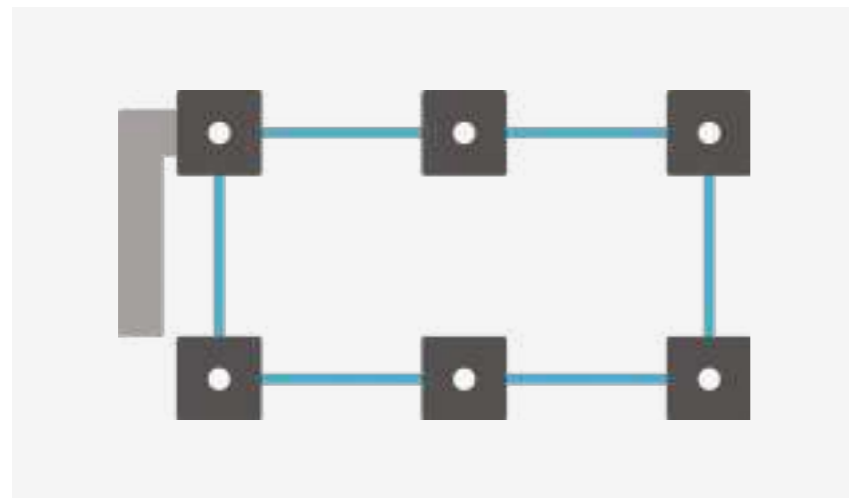
# ORTHO DETAILS

The go-to solution when there is need for ortho ropes course because its structure is easy to fix to support beams



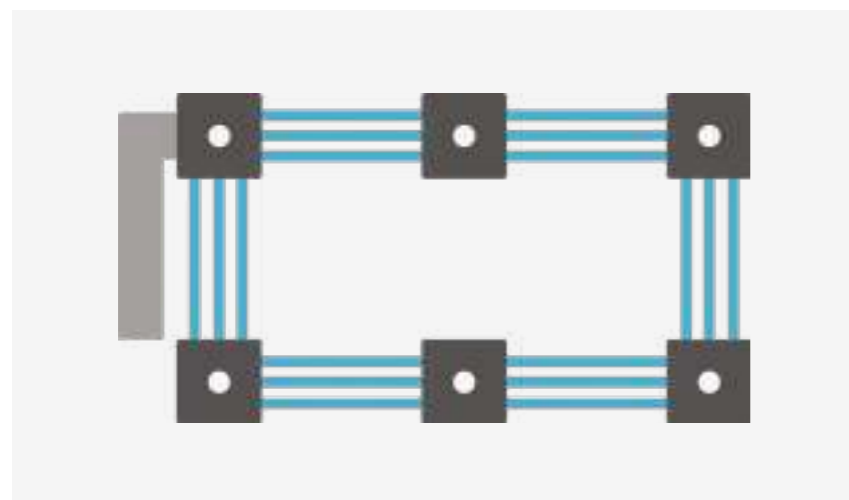
## Multi-directional layout

This layout leads visitors to spend more time on the course as they try to complete every obstacle.



## Linear layout

This layout only allows a linear movement through the course resulting in a higher throughput.



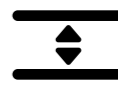
## Multi-option linear layout

This layout only allows movement in one direction but it offers 3 options at each platform, resulting in a colossal number of ways to complete the course. For example, there are 729 unique ways to complete the course on the right.

# ORTHO DETAILS



## Ortho | 8 Poles | 120 m<sup>2</sup> / 1292 ft<sup>2</sup>

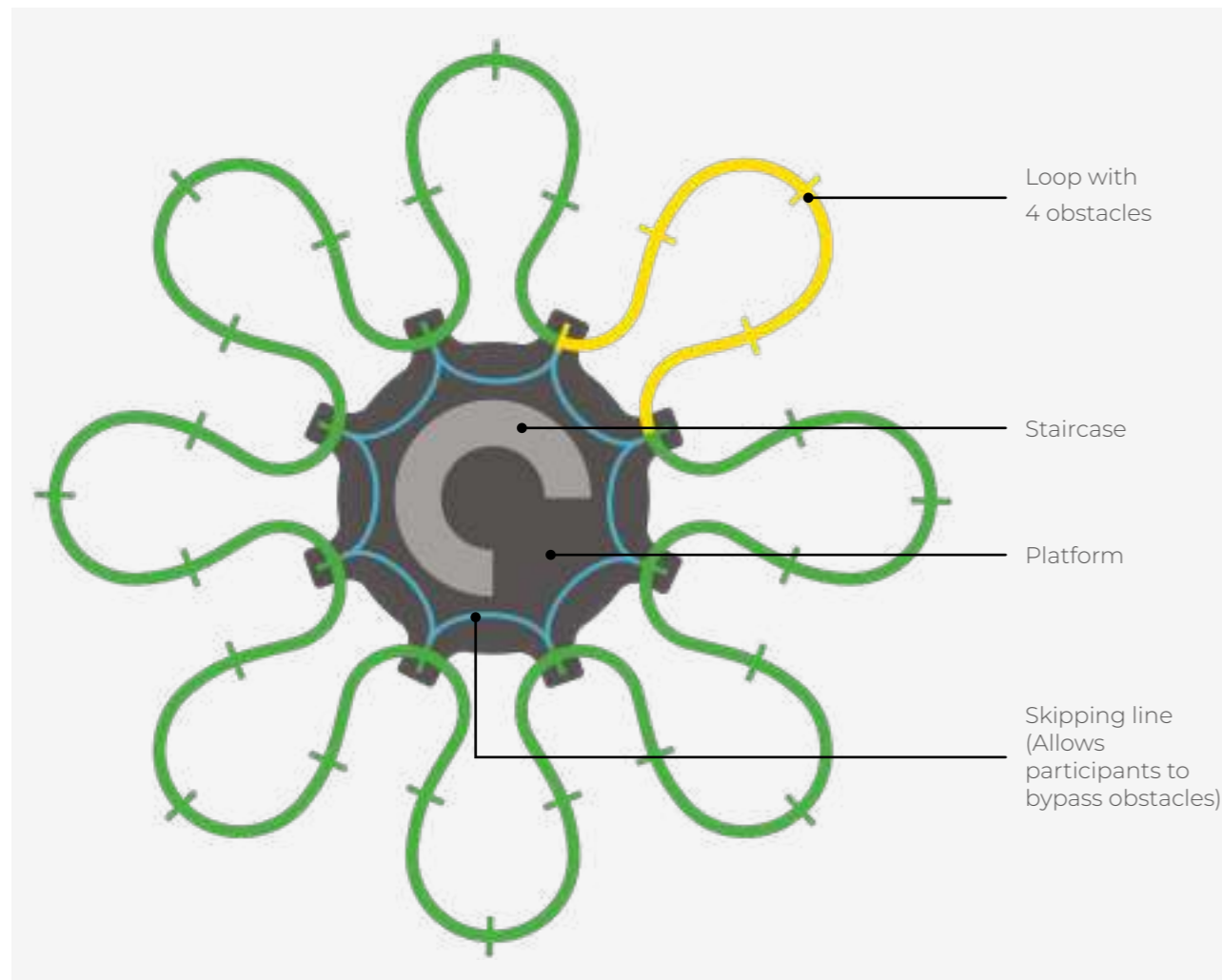
	 Obstacles	 Optimal capacity	 Average time spent	 Height	 Operators
Multi-directional	10	18	28 min	3,65 m / 12 ft	1
Linear	8	16	16 min		
Multi-option linear	24				



# THE TREE COURSE DETAILS

This eye-catching 26 m (85 ft) tall structure, in its 3 levels version, offers 8 loops with 4 consecutive obstacles per level for a total of 96 obstacles. It also features a 135 m<sup>2</sup> (1453 ft<sup>2</sup>) viewing deck at the very top which comfortably holds 90 people. The Tree was conceived to be the star of the show and is a massive billboard for any operator lucky enough to own one.

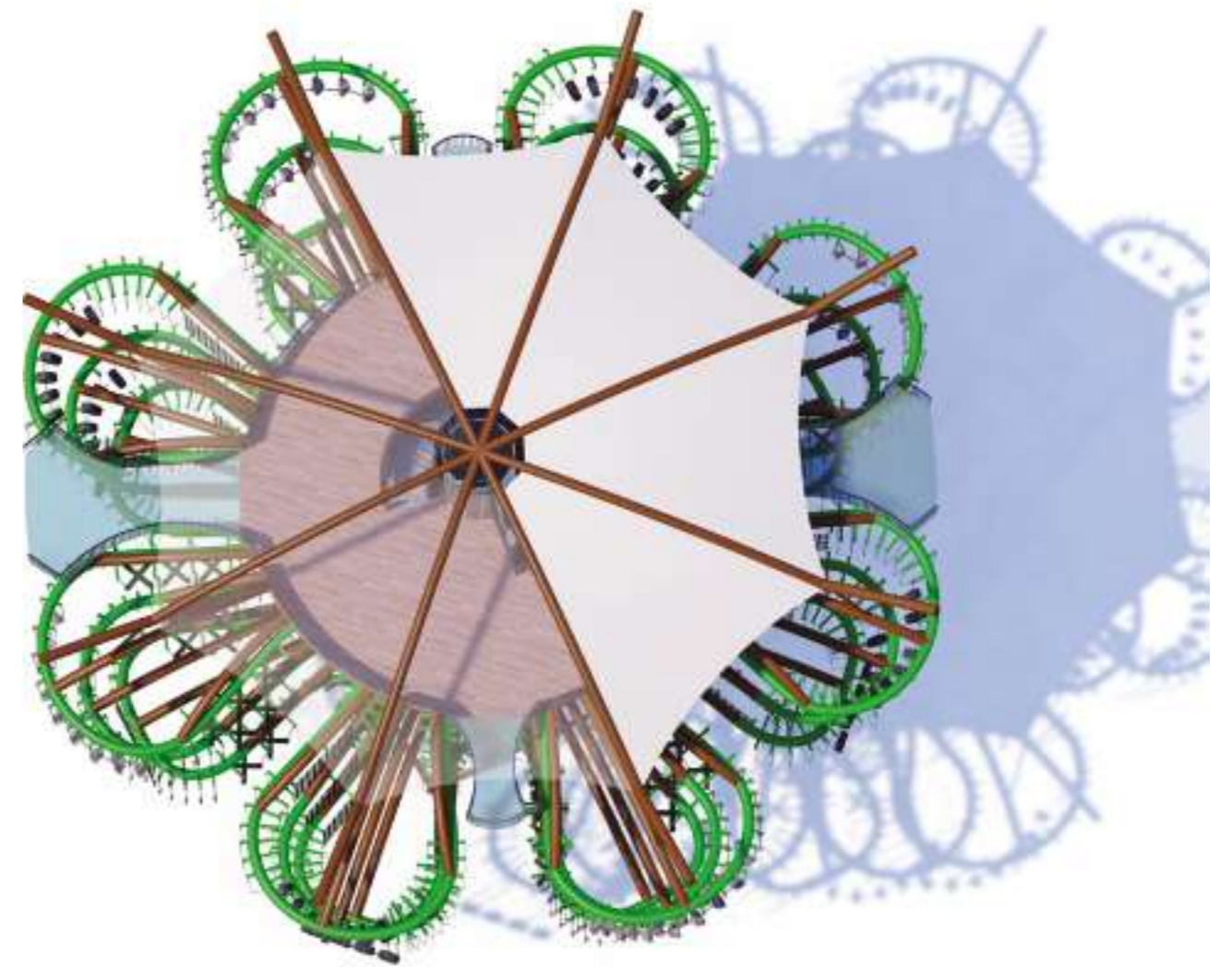
Level of The Tree Course




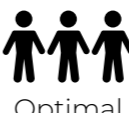
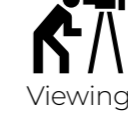

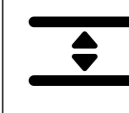

## The structure

- 1 to 3 levels of obstacles
- Up to 96 obstacles
- Viewing deck with a capacity of 100 people (2 & 3 levels versions)
- Lift to make viewing deck accessible to wheelchair users
- Multiple upselling add-ons options

# THE TREE COURSE DETAILS



## The Tree Course | 73 m<sup>2</sup> / 786 ft<sup>2</sup>

	 Obstacles	 Optimal capacity	 Viewing deck capacity	 Average time spent	 Height	 Operators
1 Level	32	48	N/A	1h	12 m / 39 ft	1-2
2 Levels	64	96	90	2h	18 m / 59 ft	2-4
3 Levels	96	144		3h	26 m / 85 ft	4-6





## SAFETY TALK

Walltopia is dedicated to deliver utmost safety for both its clients and their guests. It goes without saying that each ropes course complies with industry standards. However, Walltopia believes that safety is much more than legislation, it's about creating an efficient and inspiring product allowing operators to reduce distractions and truly focus on the quality of what they do. It's about creating better experiences.

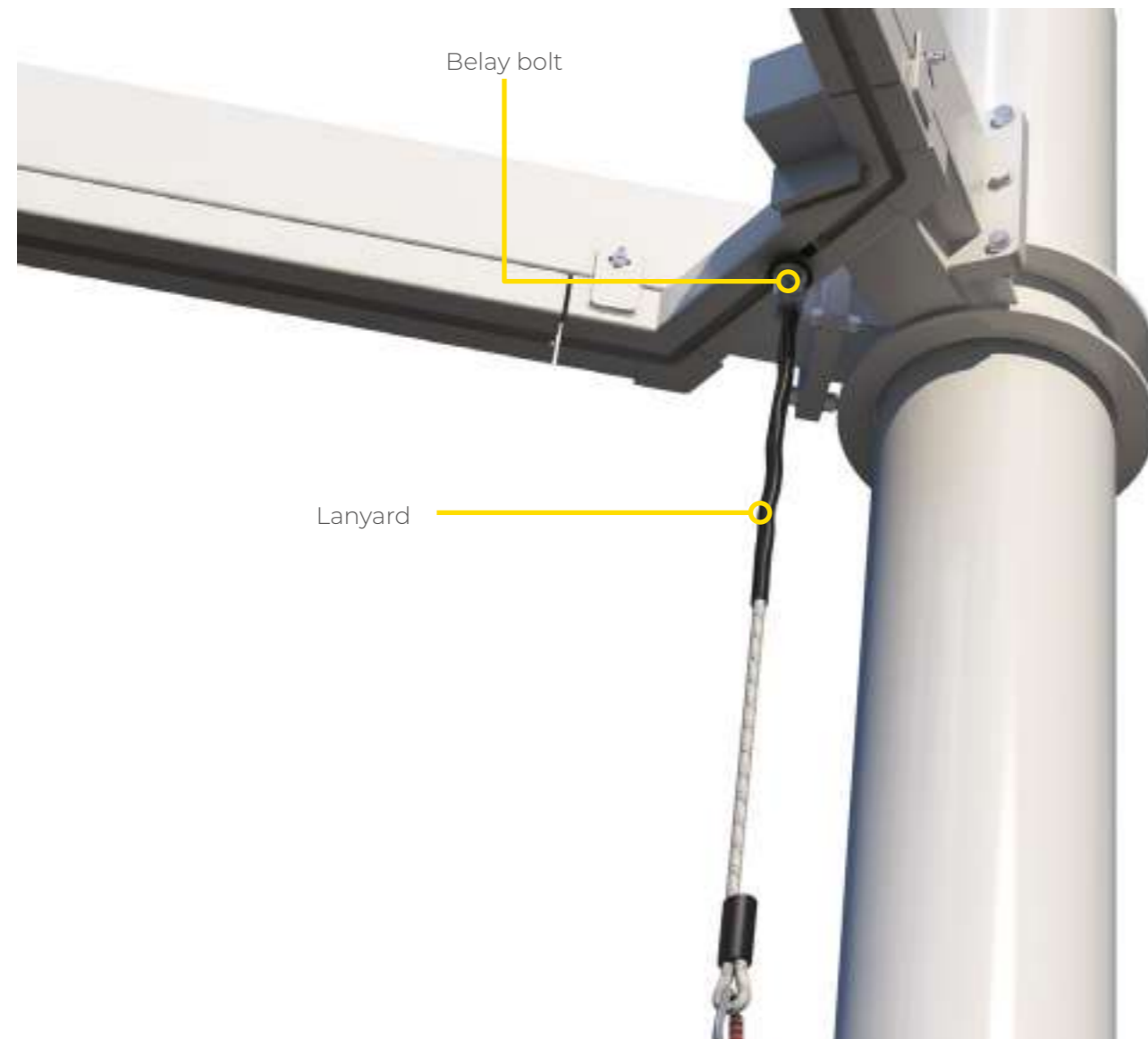
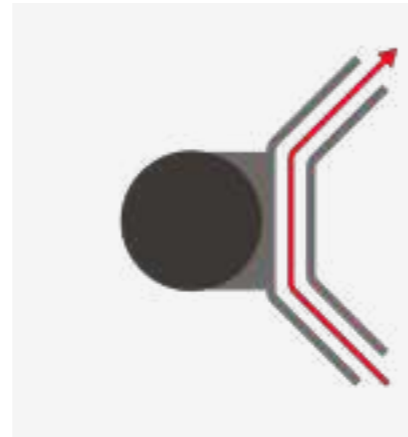


# BELAY LINES

## Linear Belay Line

Walltopia Ropes Courses come with Walltopia Continuous Belay Line (linear or multi-way\*) – a system that allows safe and easy movement through the course. It is highly durable and has low maintenance costs. It is designed, built and tested in accordance to EN 795:2012 standard, type D. It also follows the dynamic test requirements of CEN/TS 16415:213.

Guests movement on a linear belay line

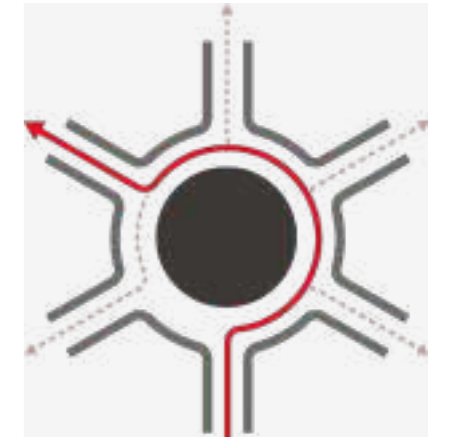


# BELAY LINES

## Multi-way Belay Line

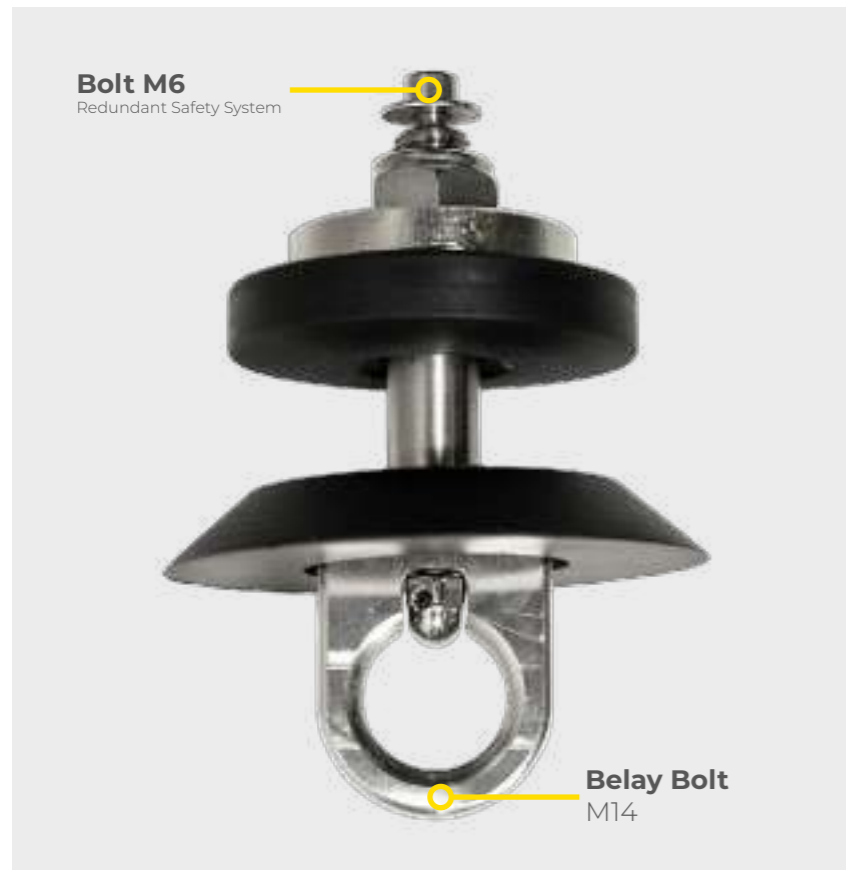
The multi-way continuous belay line is based on a multi-way splitter which allows participants to choose which direction to take at conjunctions. Most importantly, the multi-way splitter allows staff members to quickly jump through different sections to provide assistance to visitors in need.

Guests movement on a multi-way belay line





# BELAY SYSTEM



## Safety bolt

The M14 safety bolt makes up the main body of the safety device. Machine turned instead of molded, this one-piece element is up to 3 times stronger.

## Secondary bolt

This redundant M6 bolt, installed inside the main body, verifies the safety of the participants. The element can withstand a load of 700 kg.

## Lanyards

To ensure maximum safety and comfort to participants lanyards are offered in several lengths based on customers' height and age. The following configurations can be provided:

- 150 cm lanyards with a 50 cm protector suitable for participants with heights between 1.30 m – 1.65 m
- 120 cm lanyards with a 50 cm protector suitable for participants with heights between 1.65 m – 2.05 m
- 100 cm lanyards with a 50 cm protector (for Kiddy Ropes Courses) suitable for participants with heights between 0.95 m – 1.35 m



# ALTERNATIVES



## Continuous Belay Systems - Saferoller

Saferoller® by Kanopeo is a continuous wire system that's easy to use and doesn't require detachment from the belay line. However, it has limited multidirectional movements and requires high maintenance.



## Continuous Belay Systems - Speedrunner

Speedrunner® by Kanopeo is yet another continuous wire system that once attached stays on till the end of the track. Rather than a trolley this system uses a carabiner to attach to the wire. Multidirectional movement is possible for this structure but requires participants to forego some training.

## Smart Belay Systems

Smart belay devices typically use a non-continuous wire system and consist of two hooks and a smart belay lanyard. They create an engaging ropes course experience but have major drawbacks, including high maintenance, required training, slow operations, and confusion for younger children.





# BELAY SYSTEM

## Weather resistance

All our structural elements are duplex-coated to ensure the highest quality standards; free of extra charges. This makes our ropes courses suitable for both indoor and outdoor uses.



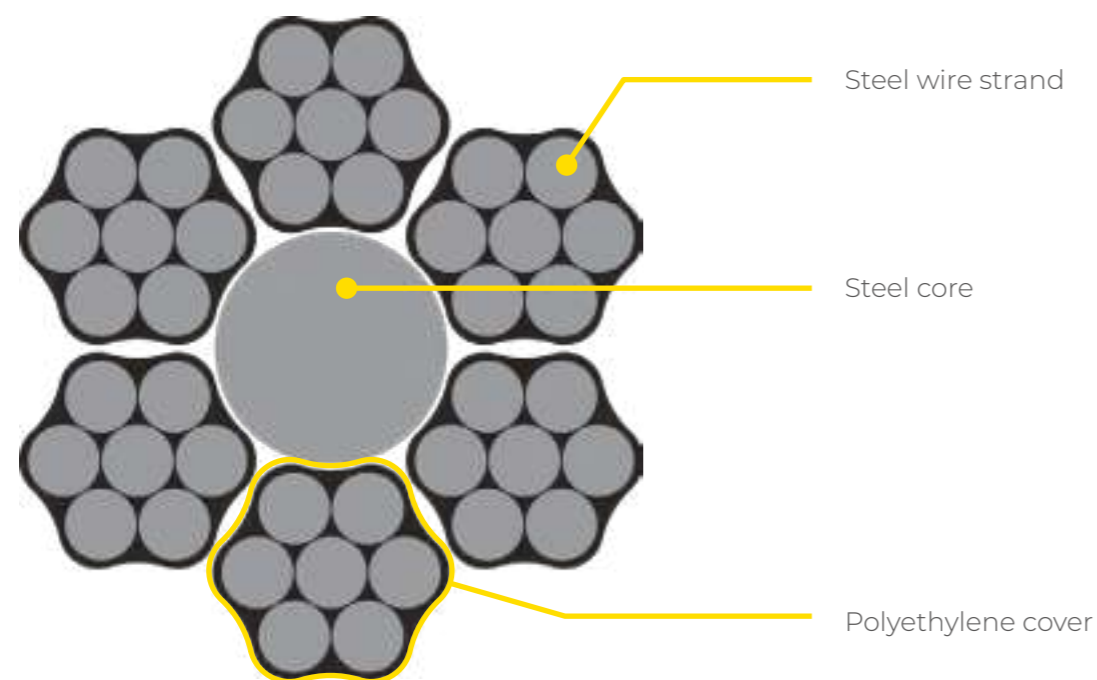
Duplex coating is a double protection method which combines hot-dip galvanization and polyurethane paint to prolongate the service life of structural elements in corrosive environments by up to 60 years.

## Ropes

Throughout all our courses we use 6-strand combination ropes with a steel core and PE cover reaching a minimum break load above 4 tons.

Diameter	Construction	Minimum break load
16 mm	6x8x0.70	4500 kg
18 mm	6x8x0.80	5500 kg

## Cross-section of the rope



# SAFETY



In addition to the certified devices provided, some secondary safety elements are implemented into the Ropes Courses.

**Rescue Kit** – used in emergency situations to rescue participants off the belay line:

- Sewn Runner – attached to the belay line to reach the person.
- BornackKE10 RE Rescue Device – attached to the Sewn Runner through a carabiner; linked to the customer's harness to detach him from belay line.

**Access Control System** – this system places nets until the 2nd meter of the staircase to limit access only to the main entrance during operational hours

## Carabineers

Walltopia offers carabineers produced by Petzl. Thanks to their PIN-LOCK system, these can only be unlocked by the operators with a specific tool.







## OBSTACLES

With over 100 obstacles, Walltopia has one of the largest catalogs of the market. This means that each ropes course delivered is unique and no matter the size, visitors experience a compelling and varied array of obstacles.



# OBSTACLES

## Obstacle categories

The obstacles are divided into four categories based on the experience offered: bridges, platforms, traverses and specials.

**Bridges** consist in horizontally connected elements and usually allow the participant to step on the rope which connects the floor elements. They tend to offer more width than the other types and are generally easier.

**Platforms** are made of individual elements. Participants must step on these to complete the obstacle. The size of the elements and the distance between them govern how hard these are. Both hands and feet are usually involved.

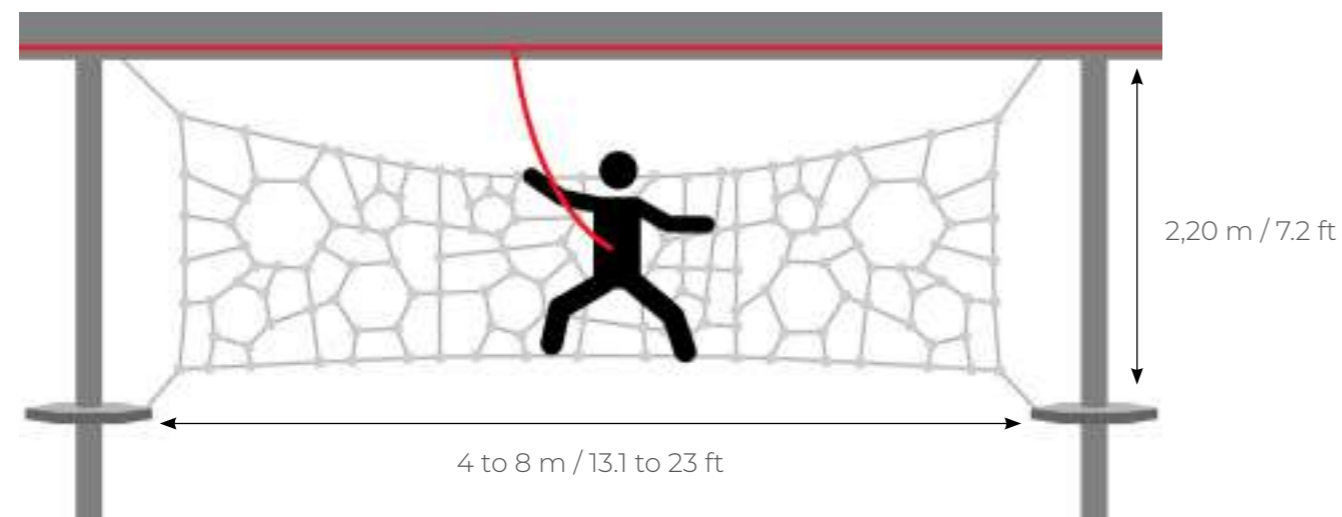
**Traverses** rely on vertically aligned elements which offer little to no width resulting in participants having to adopt a sideways motion to complete them. Alike platforms, traverses typically involve both feet and hands as well.

**Specials**, as the name suggests, refer to unique obstacles usually providing a mix of different experiences.

If you couldn't find your heart's desire among our collection or have something specific in mind, we offer the option to develop bespoke obstacles. Get in touch with us to start designing the ropes course of your dreams.

## Obstacle size


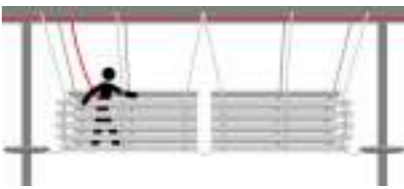




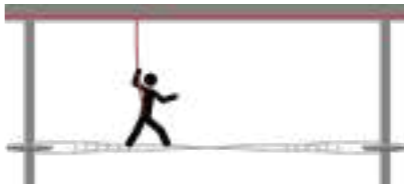
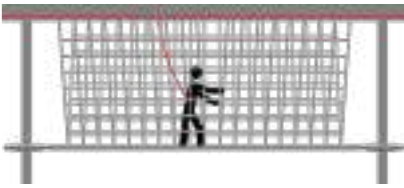
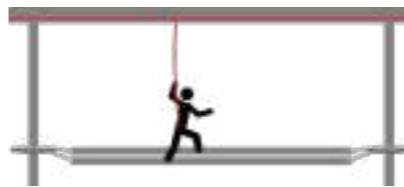
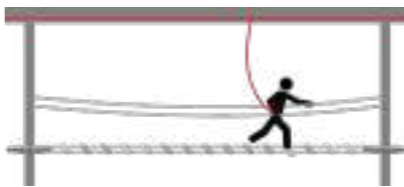
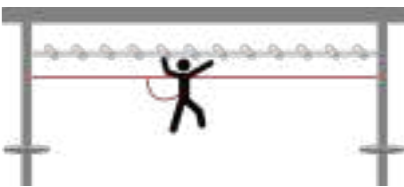


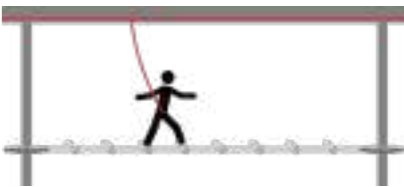
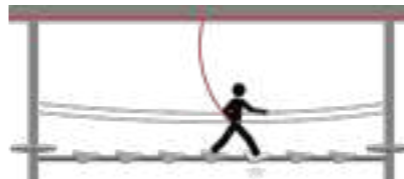


The obstacles are available in standard sizes from 4, 5, 6, 7 and 8 meters long (13.1 to 23 ft) while the height is set at 2,20 meters (7.2 ft).



# OBSTACLES

## BRIDGES

Horizontal connected elements

	BRIDGE   MEDIUM <b>Balance Beam</b> 	BRIDGE   EASY <b>Barrels</b> 
BRIDGE   MEDIUM <b>Battering Ram</b> 	BRIDGE   MEDIUM <b>Broken Bridge</b> 	BRIDGE   EASY <b>Burma Bridge</b> 
BRIDGE   MEDIUM <b>Crawling Barrels</b> 	BRIDGE   HARD <b>DNA Bridge</b> 	BRIDGE   EASY <b>Double Net</b> 
BRIDGE   HARD <b>Driftwood Bridge</b> 	BRIDGE   MEDIUM <b>Dropping Bridge</b> 	BRIDGE   HARD <b>Hand Bridge</b> 
BRIDGE   HARD <b>Hand Loops &amp; Rope</b> 	BRIDGE   EASY <b>Happy Popper</b> 	BRIDGE   MEDIUM <b>Indiana Bridge</b> 
BRIDGE   EASY <b>Lighting Triangles</b> 	BRIDGE   EASY <b>Narrow Planks</b> 	BRIDGE   MEDIUM <b>Net &amp; Planks</b> 

\*Only for wire belay systems

\*Only from wood (indoor)

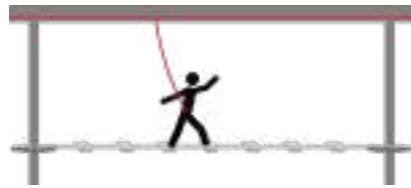
\*Only for wire belay systems



# OBSTACLES

BRIDGE | MEDIUM

## Planks Bridge



BRIDGE | EASY

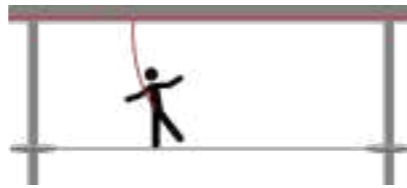
## Plexiglass Traverse



PREMIUM

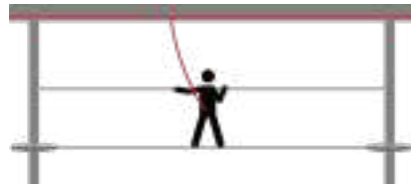
BRIDGE | HARD

## Postman Walk 1



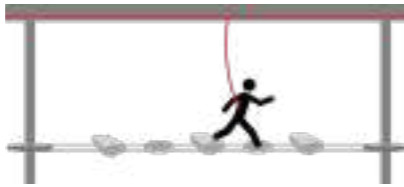
BRIDGE | HARD

## Postman Walk 2



BRIDGE | MEDIUM

## Rocks & Platforms



PREMIUM

BRIDGE | MEDIUM

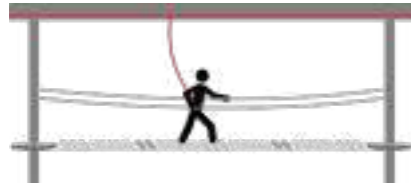
## Rocks Bridge



PREMIUM

BRIDGE | MEDIUM

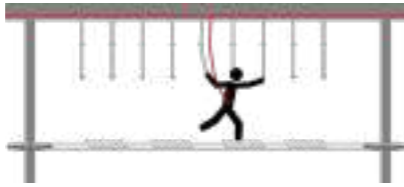
## Rollers Bridge



PREMIUM

BRIDGE | HARD

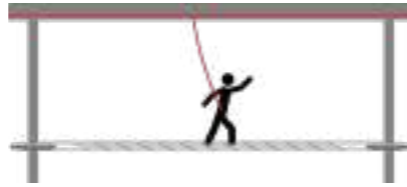
## Rollers Bridge Advanced



PREMIUM

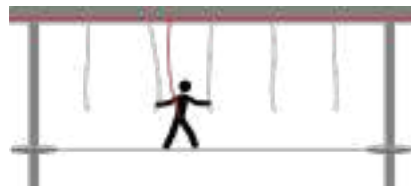
BRIDGE | MEDIUM

## Rope Trail



BRIDGE | HARD

## Ropes



BRIDGE | MEDIUM

## Rotating Planks



PREMIUM

BRIDGE | EASY

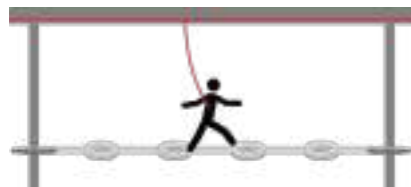
## Sloped Stairs



PREMIUM

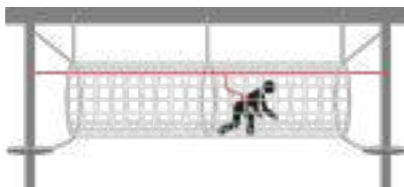
BRIDGE | MEDIUM

## Tires Alley



BRIDGE | MEDIUM

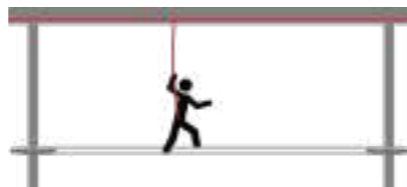
## Tunnel Net



PREMIUM

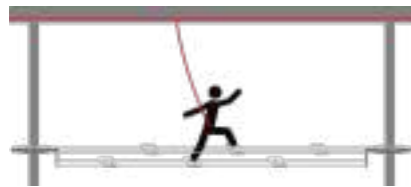
BRIDGE | HARD

## Two Ropes Bridge



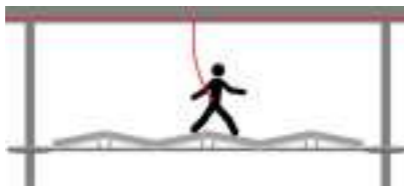
BRIDGE | MEDIUM

## Two-level Bridge



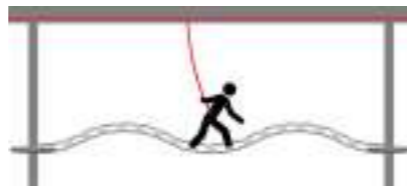
BRIDGE | MEDIUM

## Up & Down Beam



BRIDGE | EASY

## Wave Bridge



PREMIUM

# OBSTACLES

BRIDGE | MEDIUM

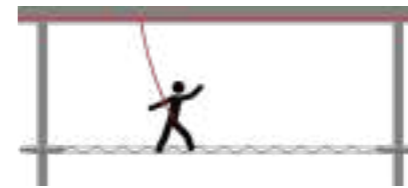
## Wave Bridge & Balls



PREMIUM

BRIDGE | HARD

## Web Bridge



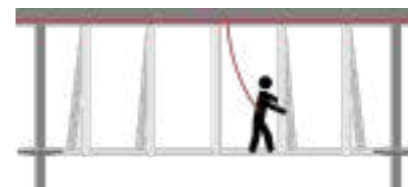
BRIDGE | HARD

## X-Bridge



BRIDGE | MEDIUM

## X-Sticks



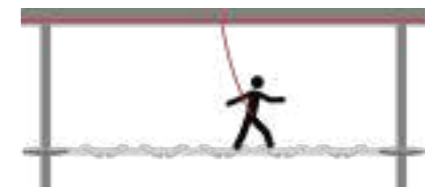
BRIDGE | EASY

## Zig Zag Bridge 1



BRIDGE | EASY

## Zig Zag Bridge 2



BRIDGE | EASY

## Zig Zag Stairs



PREMIUM

## PLATFORMS

Individual horizontal elements

PLATFORM | MEDIUM

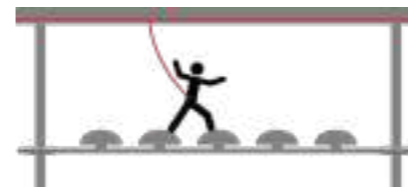
## Bolts & Nuts



PREMIUM

PLATFORM | EASY

## Bosu Bridge



PREMIUM

PLATFORM | MEDIUM

## Bosun's Chairs



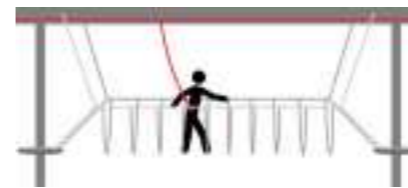
PLATFORM | HARD

## Bosun's Loops



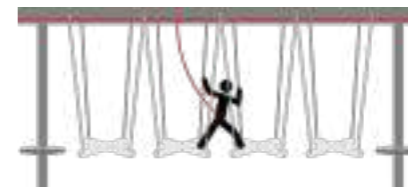
PLATFORM | MEDIUM

## Buckets



PLATFORM | MEDIUM

## Criss-cross Logs



PLATFORM | HARD

## Crossed Loops



PLATFORM | HARD

## Deep Buckets



PLATFORM | MEDIUM

## Flying Tires



PLATFORM | MEDIUM

## Geometry Islands





# OBSTACLES

PLATFORM | HARD **PREMIUM**  
**Hand Loops**

PLATFORM | MEDIUM **PREMIUM**  
**Hanging Rocks**

PLATFORM | MEDIUM  
**Mixed Logs**

PLATFORM | MEDIUM **INTERACTIVE** **PREMIUM**  
**Moving Pistons**

PLATFORM | MEDIUM  
**Multi Log Burma**

PLATFORM | HARD  
**Passage Of Fear**

PLATFORM | HARD **PREMIUM**  
**Pyramid Nets**

PLATFORM | MEDIUM  
**Ropes Logs**

PLATFORM | EASY  
**Roundabouts**

PLATFORM | EASY  
**Inclined Roundabout**

PLATFORM | EASY  
**Static Pistons**

PLATFORM | EASY  
**Steps**

PLATFORM | MEDIUM  
**Swinging Logs**

PLATFORM | MEDIUM **PREMIUM**  
**Swings**

PLATFORM | MEDIUM  
**Tires**

PLATFORM | EASY **PREMIUM**  
**Toxic Jump**

PLATFORM | HARD  
**Twisted Ropes**

PLATFORM | HARD  
**Vertical Pipes**

# OBSTACLES

PLATFORM | MEDIUM  
**Zig Zag Alley**

PLATFORM | MEDIUM  
**Zig Zag Swings**

TRAVERSE | MEDIUM  
**Chaos Logs**

TRAVERSE | MEDIUM **PREMIUM**  
**Climber**

## TRAVERSES

Vertical elements

TRAVERSE | EASY  
**Commando Passage**

TRAVERSE | MEDIUM **PREMIUM**  
**Gears**

TRAVERSE | HARD **PREMIUM**  
**Logs and Holds**

TRAVERSE | EASY **PREMIUM**  
**Molecules Net**

\*Only for wire belay systems

TRAVERSE | EASY  
**Net**

TRAVERSE | MEDIUM  
**Net To Net**

TRAVERSE | EASY  
**Spider Web**

TRAVERSE | MEDIUM  
**Sticks Bridge**

TRAVERSE | MEDIUM  
**Swapped Net**

TRAVERSE | HARD **PREMIUM**  
**Swaying Logs**

TRAVERSE | HARD **PREMIUM**  
**Twisted Net**

TRAVERSE | MEDIUM  
**V-Net**

TRAVERSE | MEDIUM  
**Windows**



# OBSTACLES

## SPECIALS

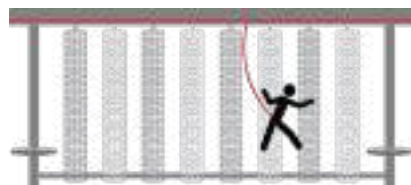
Unclassifiable elements, usually a mix of different categories

SPECIAL | MEDIUM PREMIUM  
Hanging Macaronis (R)

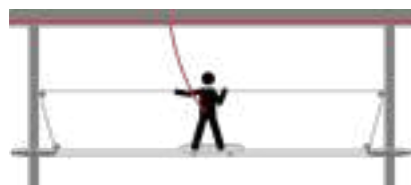


\* Requires additional construction

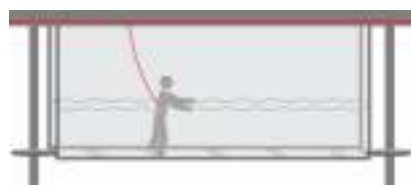
SPECIAL | MEDIUM PREMIUM  
Rollers



SPECIAL | MEDIUM PREMIUM  
Snowboard

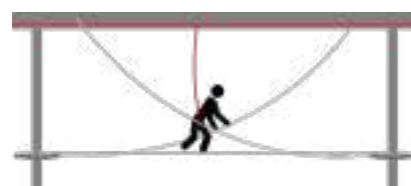


SPECIAL | HARD PREMIUM  
Spider Box 3

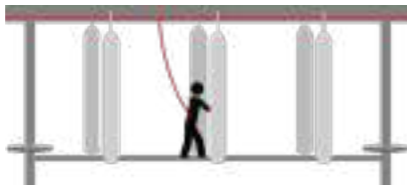


\* Requires additional construction

SPECIAL | HARD  
The X



SPECIAL | MEDIUM PREMIUM  
Double Punching Bags



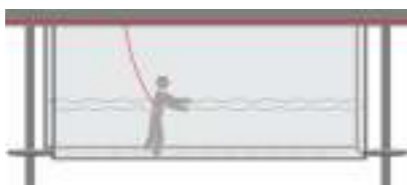
SPECIAL | EASY INTERACTIVE PREMIUM  
Photo Bench



SPECIAL | MEDIUM PREMIUM  
Silhouettes

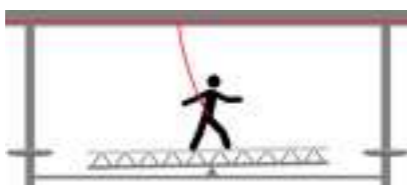


SPECIAL | EASY PREMIUM  
Spider Box 1



\* Requires additional construction

SPECIAL | MEDIUM PREMIUM  
Swing



SPECIAL | MEDIUM  
Walk The Plank

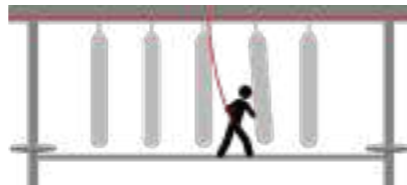


SPECIAL | MEDIUM PREMIUM  
Hanging Macaronis (Net)



\* Requires additional construction

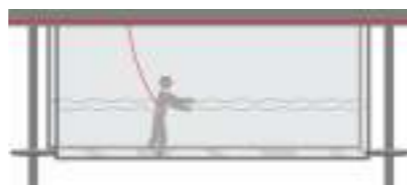
SPECIAL | EASY PREMIUM  
Punching Bags



SPECIAL | MEDIUM PREMIUM  
Skateboards



SPECIAL | MEDIUM PREMIUM  
Spider Box 2



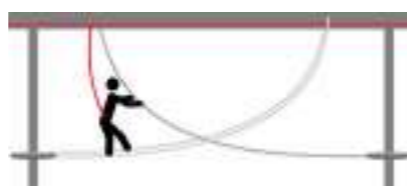
\* Requires additional construction

SPECIAL | HARD INTERACTIVE PREMIUM  
The Piano



\* Requires additional construction

SPECIAL | HARD  
X-Double Rope



# OBSTACLES

SPECIAL | MEDIUM PREMIUM  
Zip Line



The zip line can be installed either as an obstacle or as a secondary exit from the course. The latter offers a rush of adrenaline leaving a long-lasting impression on the visitors' mind. We recommend charging it as an extra on top of the price of the ticket.



SPECIAL | MEDIUM PREMIUM  
QUICKjump



The QUICKjump Free Fall device delivers jumpers a thrilling free fall experience before softly catching them and lowering them onto the ground. It offers a secondary exit from the course; we also recommend charging it as an extra on top of the price of the ticket.







## COLORS & THEMING

The visual landscape of each course is discussed from the beginning of the design process to ensure a visually striking display through appropriate theming and use of colors thus building up customers' expectations and ultimately improving their experience.



# COLORS

Walltopia Ropes Courses come in seven standard color combinations which run through the ropes, obstacles, beams, columns, splitters, platforms and other structural elements.

These combination have been carefully created in order to cover as many usage scenarios as possible. Naturally custom colors stay available upon request as an extra-cost option.

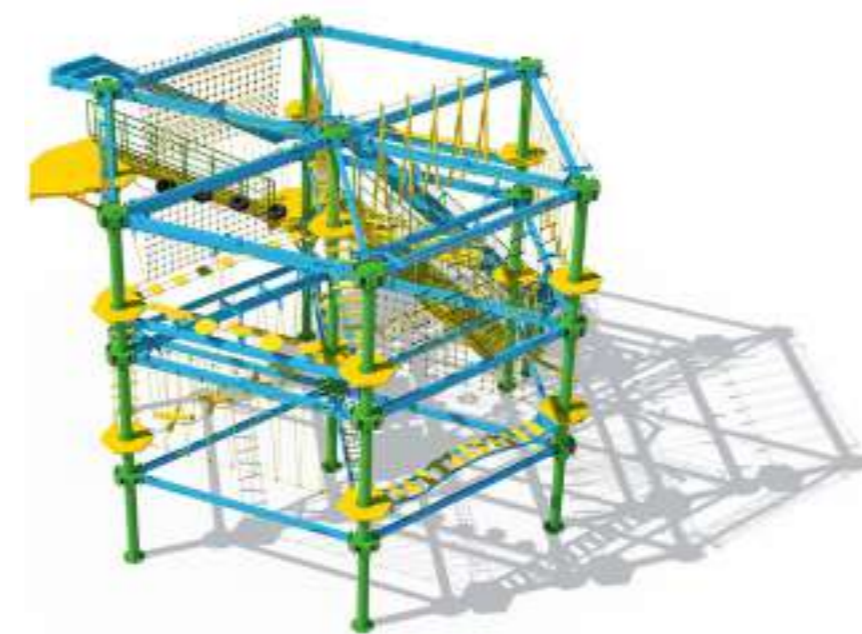
## Standard Color Combination - Forest



- Ropes  
**1020**
- Obstacles  
**8003**
- Beams  
**6018**
- Columns & Splitters  
**8003**
- Platforms & Stairs  
**6029**

# COLORS

## Standard Color Combination - Spring



- 1018** Ropes
- 1018** Obstacles
- 5012** Beams
- 6018** Columns & Splitters
- 1023** Platforms & Stairs

## Standard Color Combination - Industrial



- 1018** Ropes
- 1018** Obstacles
- 7035** Beams
- 7009** Columns & Splitters
- 1018** Platforms & Stairs



# COLORS

## Standard Color Combination - Candy



- 1018 Ropes
- 1018 Obstacles
- 4010 Beams
- 1018 Columns & Splitters
- 5018 Platforms & Stairs

## Standard Color Combination - Marine



- 1018 Ropes
- 1018 Obstacles
- 6027 Beams
- 5015 Columns & Splitters
- 1033 Platforms & Stairs

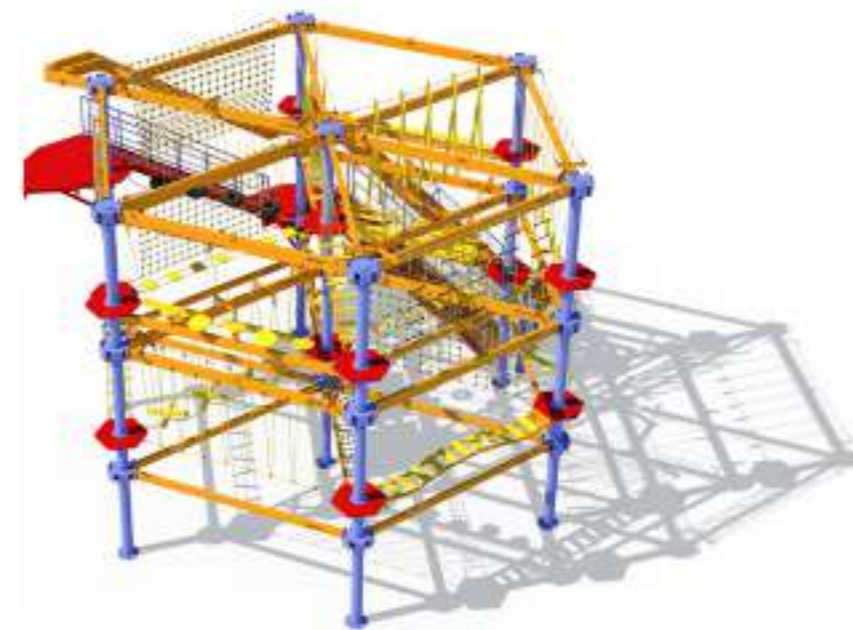
# COLORS

## Standard Color Combination - Summer



- 1018 Ropes
- 1018 Obstacles
- 5018 Beams
- 1023 Columns & Splitters
- 3018 Platforms & Stairs

## Standard Color Combination - Sunset



- 1018 Ropes
- 1018 Obstacles
- 1037 Beams
- 290  
50 40 Columns & Splitters
- 3020 Platforms & Stairs



# THEMING

A step further than color palettes, our theming options are ideal to strengthen storytelling and create a more immersive experience.

## Space Theme - Galaxy Park, Ukraine



# THEMING

If you have a specific artistic idea for your Ropes Course, we can make it happen.

## Jungle Theme - Oxigeno Human Playground, Costa Rica







## ADD-ONS

Take Walltopia Ropes Courses to the next level by adding extra layers of fun and comfort for the visitors. These add-ons on top of improving the experience and creating customer loyalty, can generate substantial additional revenue streams.



# ADD-ONS

## Gamification



Our gamification option introduces elements such as rankings, bonuses, achievement tracking, quests, team competitions, treasure hunts & capture the flag games to further guests' engagement. This feature is a billboard for operators and is usually reflected in the price of the ticket.

## On-ride camera



The camera can be mounted on a platform to be manually used or configured to automatically photograph the visitors mid-obstacle, capturing humorous expressions due to fear and excitement. The pictures are then available for viewing and purchase as a souvenir.

# ADD-ONS

## Free-fall device



The QUICKjump Free Fall device gives jumpers a thrilling free fall experience before softly catching them and lowering them onto the ground. It offers a secondary exit from the course; we recommend charging it as an extra on top of the price of the ticket.

## Zipline



The zipline option, similarly to the free-fall device, offers a secondary exit from the course to the visitors. This last rush of adrenaline acts as a "grand finale" and leaves a long-lasting impression on the visitors' mind. We recommend charging it as an extra on top of the price of the ticket.



# **ADD-ONS**

## **Lights**



Adding lights to a ropes course is a simple but very effective way to extend operating hours consequently increasing generated revenues.

## **Tents**



Offering an effective protection from the sun, tents allow outdoor ropes courses to retain their attractiveness during the hottest moments of the day. A simple strategy to secure cash flow.

# **ADD-ONS**

## **Observation binoculars**



Reward your visitors with a way to enjoy the surrounding scenery once they've reached the top with our observation binoculars.

## **Viewing platform**



The viewing platform, also available on a stand-alone basis, synergizes well with ropes courses by offering a resting and waiting zone for the participants' friends and family.





## COMPLETED PROJECTS

A selection of projects showcasing the ropes courses' flexible nature and Walltopia's experience delivering first-rate solutions to clients world-wide; because pictures speak louder than words.



# PROJECTS



## El Eden Shopping Mall

Bogota, Colombia | Shopping Mall

Year: 2022

Model: Ortho, Self-standing

Layout: Multi-directional

Operation model: Day pass

Features: Rollglider

Size: 70 m<sup>2</sup> / 753 ft<sup>2</sup>

Optimal capacity: 25 ppl

Levels: 3

Obstacles: 25

# PROJECTS





# PROJECTS



## PLAY: CBUS

Columbus, Ohio, USA | Indoor Adventure Park

**Year:** 2020

**Model:** HEX, Self-standing

**Layout:** Multi-directional

**Operation model:** Day pass

**Features:** Fun Walls, Ninja Course

**Size:** 70 m<sup>2</sup> / 753 ft<sup>2</sup>

**Optimal capacity:** 25 ppl

**Levels:** 3

**Obstacles:** 30

# PROJECTS





# PROJECTS



## Slagharen Attraction Park

Slagharen, Netherlands | Attraction Park

**Year:** 2019

**Model:** HEX, Self-standing

**Layout:** Multi-directional

**Operation model:** Day pass

**Features:** Rollglider, Climbing Walls, Boulders

**Size:** 70 m<sup>2</sup> / 753 ft<sup>2</sup>

**Optimal capacity:** 25 ppl

**Levels:** 3

**Obstacles:** 36

# PROJECTS





# PROJECTS



## Great Wolf Lodge

Gurnee, IL, USA | Indoor water park resort

**Year:** 2018

**Model:** HEX, Self-standing

**Layout:** Linear

**Operation model:** Single climb or day pass

**Features:** Theme, Climbing wall

**Size:** 70 m<sup>2</sup> / 753 ft<sup>2</sup>

**Optimal capacity:** 25 ppl

**Levels:** 3

**Obstacles:** 13

# PROJECTS





# PROJECTS



## Great Wolf Lodge

Atlanta, GA, USA | Indoor water park resort

Year: 2018

Model: HEX, Self-standing

Layout: Linear

Operation model: Single climb or day pass

Features: Theme, Climbing wall

Size: 160 m<sup>2</sup> / 1722 ft<sup>2</sup>

Optimal capacity: 46 ppl

Levels: 2

Obstacles: 28

# PROJECTS





# PROJECTS



## Big Bird

Le Bugue, France | Amusement park

Year: 2017

Model: HEX, Self-standing

Layout: Multi-directional

Operation model: Day pass

Features: Tents

Size: 350 m<sup>2</sup> / 3770 ft<sup>2</sup>

Optimal capacity: 114 ppl

Levels: 4

Obstacles: 74

# PROJECTS





# PROJECTS



## Hoplop

Helsinki, Finland | Family entertainment center

**Year:** 2015

**Model:** Suspended

**Layout:** Multi-directional

**Operation model:** Day pass

**Features:** Rollglider, Climbing walls

**Size:** 220 m<sup>2</sup> / 2400 ft<sup>2</sup>

**Optimal capacity:** 37 ppl

**Levels:** 1

**Obstacles:** 21

# PROJECTS





# PROJECTS



## Koezio

Brussels, Belgium | Adventure park

Year: 2017

Model: Ortho, self-standing

Layout: Linear

Operation model: Per session

Features: Photo bench, custom obstacles

Size: 1080 m<sup>2</sup> / 11650 ft<sup>2</sup>

Optimal capacity: 90 ppl

Levels: 1

Obstacles: 32

# PROJECTS





# PROJECTS



## Panda Park, Zelenopark

Moscow, Russia | Shopping center

**Year:** 2016

**Model:** Hex, self-standing

**Layout:** Multi-directional

**Operation model:** Per session

**Features:** Climbing walls, Rollglider, Fun Walls

**Size:** 830 m<sup>2</sup> / 8940 ft<sup>2</sup>

**Optimal capacity:** 52 ppl

**Levels:** 1

**Obstacles:** 24

# PROJECTS





# PROJECTS



## Adventure Hub

Manama, Bahrain | Family entertainment center

Year: 2018

Model: Hex, self-standing

Layout: Multi-directional

Operation model: Day pass

Features: Fun Walls

Size: 330 m<sup>2</sup> / 3500 ft<sup>2</sup>

Optimal capacity: 48 ppl

Levels: 2

Obstacles: 18

# PROJECTS





# PROJECTS



## Funtopia Naperville

Naperville, IL , USA | Family entertainment center

**Year:** 2018

**Model:** Ortho, self-standing

**Layout:** Linear

**Operation model:** Per session

**Features:** Fun Walls, Ninja Course

**Size:** 200 m<sup>2</sup> / 2200 ft<sup>2</sup>

**Optimal capacity:** 24 ppl

**Levels:** 1

**Obstacles:** 12

# PROJECTS





# WALLTOPIA



OVER 2000 PROJECTS  
IN 80+ COUNTRIES ON 6 CONTINENTS

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Founded in Bulgaria in 1998, Walltopia is a world leader in the Climbing and Adventure & Leisure industries. The company started out with the purpose of designing and manufacturing the most advanced climbing facilities in the world.

Our passion for science, technology and our obsession with excellence and safety, made us a leader and top expert in the Climbing and Active Entertainment industries.

We pride ourselves with our highly complex projects that always deliver expected results – starting with the design, moving on to the installation and finally – the certification.

Today we have the largest portfolio of classic and novel attractions that combine fun and entertainment with healthy doses of adrenaline for people of all ages. With sales offices in the USA, China and head office in Sofia, Bulgaria, and four production plants employing more than 500 people, to this day, we have produced over 2000 projects in 80+ countries and on 6 continents.

Our products are installed across adventure parks, amusement parks, shopping malls, gyms, recreational areas, ski resorts, schools and universities, hotels, and more.

## LET'S TALK ABOUT YOUR PROJECT

Contact us at [adventure@walltopia.com](mailto:adventure@walltopia.com)  
or visit [walltopia.com](http://walltopia.com)