

WALLTOPIA

ROPES COURSES



THE CONCEPT

Experience the thrill of heights

Walltopia Ropes Courses challenge flexibility, balance and strength in a thrill-boosting way, while ensuring maximum safety in conjunction with the industry's safety standards.

All our ropes courses offer a wide range of difficulty levels that appeal to both children and adults. The brand's attractions are appropriate for participants as young as five years old.



MODELS



Hex

- Modular design – easy vertical and horizontal expansion
- Single or multilevel course
- Height per level: 3,65 m / 12 ft
- Best multi-directional layout
- Great stand-alone attraction
- Highest guests to footprint ratio
- Various standard color combination & custom theming possibilities
- Optional viewing deck to increase the capacity
- Optional kid-sized level add-on



Suspended

(Rectangular variant)

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



Rectangular

- Modular design – easy vertical and horizontal expansion
- Single or multilevel course
- Height per level: 3,65 m / 12 ft
- Best linear layout
- Great stand-alone attraction
- High throughput
- Various standard color combinations
- Custom theming possibilities
- Optional viewing deck to increase the capacity
- Optional kid-sized level add-on



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

OVER 100 OBSTACLES IN 4 TYPES



Bridges

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.



Traverses

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.



Platforms

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.



Specials

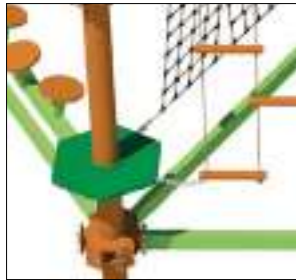
Specials, as the name suggests, refer to unique obstacles which are hard to put in a single category. These obstacles provide a mix of different experiences.

CUSTOMIZATION

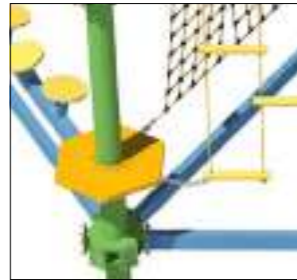
Color combinations

Walltopia Ropes Courses come in seven standard color combinations which run through the ropes, obstacles, beams, columns, splitters, platforms and other structural elements. Custom colors stay available upon request as an option.

Forest



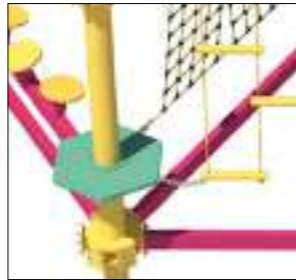
Spring



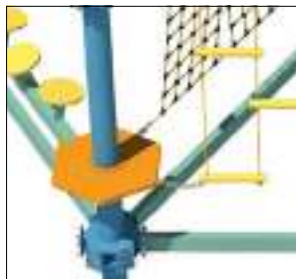
Industrial



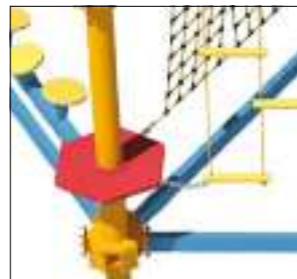
Candy



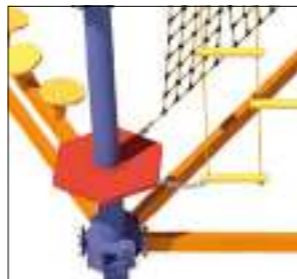
Marine



Summer



Sunset



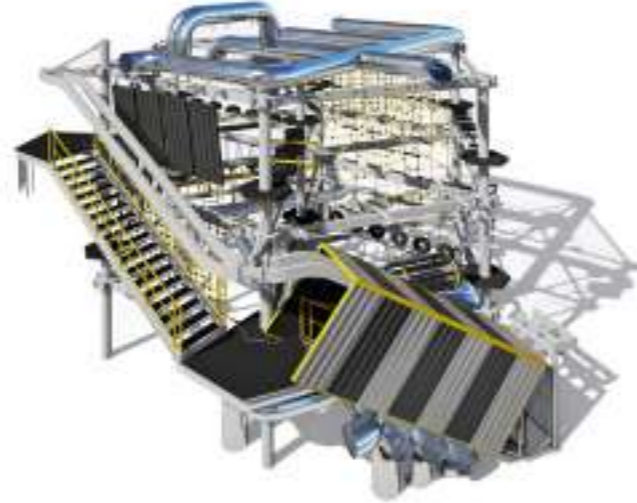
Theming

A step further than color combinations, our theming options are ideal to strengthen storytelling and create a more immersive experience. If you have a specific vision for your ropes course, we can make it happen.

Forest theme



Industrial theme



ADD-ONS

Rollglider



The Rollglider is an aerial roller coaster-zip line, designed to provide the feeling of free flying in a safe environment. The flight is not only enjoyed by thrill-seekers but also by people seeking novel and exciting experiences.

QuickFlight Free Fall Device



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

Zipline



The zipline add-on also 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.

Observation binoculars



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

BELAY SYSTEM



BELAY LINES

The Walltopia belay system is composed of two main elements – the belay channel and the belay device that moves along it.

The belay channel is welded into the supporting structure. Walltopia uses a continuous belay system in its Ropes Course operations, meaning that once the belay device is inside the channel, it can't go out. This ensures the safety of all participants and makes for an easily functioning set-up.



Linear belay line

This belay line allows for an easy linear movement along the course.

Advantages

- Speed – customers can progress swiftly along the obstacles without changing directions.
- Bigger throughput – potential to service more people and generate higher revenue
- Users can overtake each other at each column



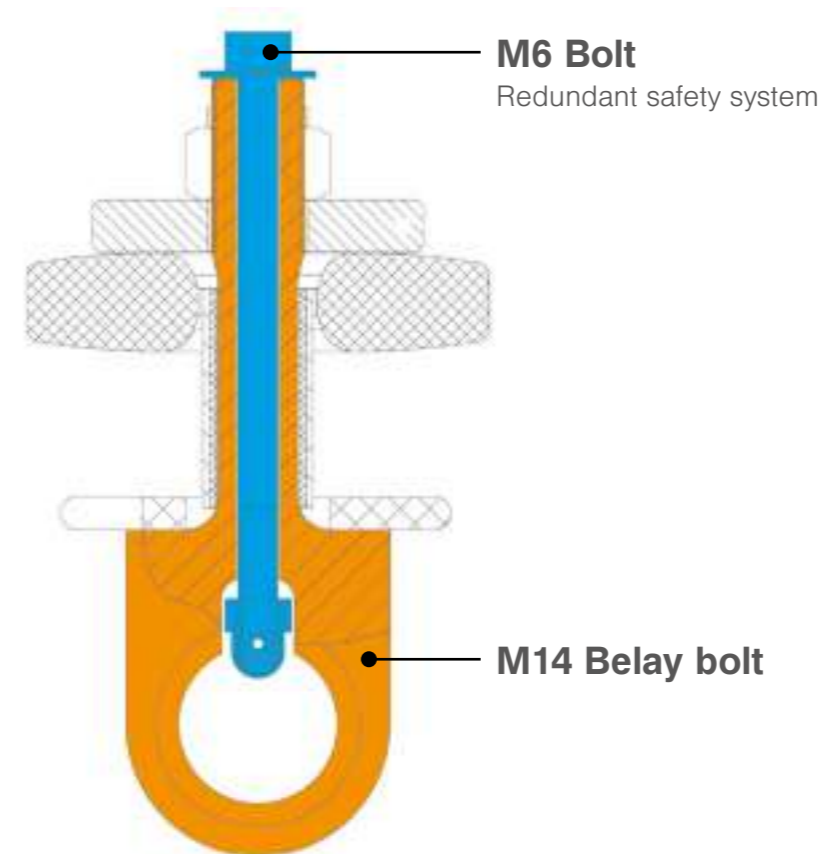
Multidirectional belay line

This belay line comes with a splitter welded on top of each column. The splitter gives the possibility to take up to 6 different paths and explore different routes.

Advantages

- Longer experience – participants choose their own paths and can redo obstacles
- Easier rescue – staff can quickly reach sections where participants are located.

*The multidirectional belay line is not for sale in the USA.



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.

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

BELAY SYSTEM



Lanyards

To ensure maximum safety and comfort to participants lanyards are offered in several lengths based on customers' height and age.



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.



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 carabineer; linked to the customer's harness to detach him from belay line.

ALTERNATIVE BELAY SYSTEMS



Continuous Belay Systems - Saferoller

Saferoller® by Kanopeo is a continuous wire system that does not require any detachment from the belay line. The integrated trolley is attached to the line at the beginning of the course and disconnected from an operator at the end. Main advantage of this system is that it is fluid and easy to use. The main disadvantages include a high maintenance and limited multidirectional movements.



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 carabineer to attach to the wire. Multidirectional movement is possible for this structure but requires participants to forego some training.

Smart Belay Systems

These devices work with a non-continuous wire system. Commonly, smart belay devices consist of two hooks and a smart belay lanyard attached to them. Such systems are preferred to create a highly engaging ropes course experience. Nonetheless they do come with some major disadvantages such as the high maintenance involved, training required before usage and slow operations generated. Additionally, those could be confusing to younger children.



REFERENCE PROJECTS



GREAT WOLF LODGE ILLINOIS
Gurnee, Chicago, Illinois, USA

Facility Indoor water park
Model Hex
Size 13 obstacles
Completed 2018
Additional Products Fun Walls



HOMETEAMNS
Singapore

Facility Family entmt. center
Model Rectangular
Size 16 obstacles
Completed 2020
Additional Products Cloud Climb
Adventure Trail
Walltopia Caves
Rollglider
Ninja Course
Fun Walls



CHENGDU KIMCHEON SPORT PARK
Chengdu, China

Facility Amusement park
Model Hex
Size 24 obstacles
Completed 2020
Additional Products Walltopia Caves
Ninja Course
Fun Walls



HAPPY VALLEY SHENZHEN
Shenzhen, China

Facility Amusement park
Model Hex
Size 46 obstacles
Completed 2019
Additional Products Rollglider



KIDZANIA
Frisco, Texas, USA

Facility Amusement park
Model Rectangular
Size 24 obstacles
Completed 2019



GREAT WOLF LODGE ATLANTA
Atlanta, GA, USA

Facility Indoor water park
Model Hex
Size 28 obstacles
Completed 2018
Additional Products Rollglider

REFERENCE PROJECTS



SUMMIT ROPES
Sterling, VA, USA

Facility Indoor adventure park
Model Hex
Size 119 obstacles
Completed 2019
Additional Products Via ferrata



BIG BIRD
Le Bugue, France

Facility Amusement park
Model Hex
Size 74 obstacles
Completed 2017



ADVENTURE HUB
Manama, Bahrain

Facility Family entmt. center
Model Hex
Size 18 obstacles
Completed 2018
Additional Products Fun Walls



HOPLOP
Helsinki, Finland

Facility Family entmt. center
Model Suspended
Size 21 obstacles
Completed 2015
Additional Products Rollglider
Climbing walls



FUNTOPIA NAPERVILLE
Naperville, IL, USA

Facility Family entmt. center
Model Rectangular
Size 12 obstacles
Completed 2018
Additional Products Ninja Course
Fun Walls



NERF ACTION XPERIENCE
Singapore

Facility Shopping mall
Model Theme park
Size 18 obstacles
Completed 2020
Additional Products Fun Walls

REFERENCE PROJECTS



JUNGLE ADVENTURE PLAY
Brisbane, Australia

Facility Family entmt. center
Model Hex
Size 20 obstacles
Completed 2020
Additional Products Cloud Climb
Ninja Course
Fun Walls



PLAY: CBUS
Columbus, Ohio, USA

Facility Family entmt. center
Model Hex
Size 129 obstacles
Completed 2020
Additional Products Ninja Course
Fun Walls
Zipline
Boulders
Via ferrata



PLAYTOPIA PACHUCA
Pachuca, Mexico

Facility Amusement park
Model Hex
Size 32 obstacles
Completed 2019
Additional Products Cloud Climb
Rollglider
Adventure Trail
Fun Walls



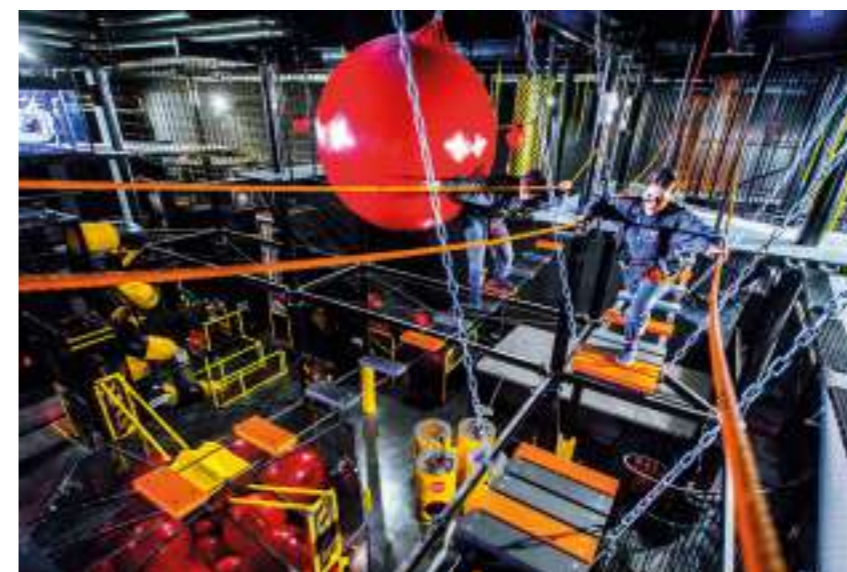
GALAXY PARK
Kiev, Ukraine

Facility Amusement park
Model Hex
Size 23 obstacles
Completed 2017
Additional Products Adventure Trail,
Adventure Hub,
Rollglider,
Fun Walls



FAUNIA
Madrid, Spain

Facility Zoo
Model Hex
Size 24 obstacles
Completed 2020
Additional Products Rollglider
Fun Walls



KOEZIO BRUSSELS
Brussels, Belgium

Facility Amusement Parks
Model Rectangular
Size 32 obstacles
Completed 2017

WALLTOPIA



OVER 1800 PROJECTS
IN 78 COUNTRIES ON 6 CONTINENTS

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, Canada, China, UAE, Asia Pacific, a Head office in Sofia, Bulgaria and four production plants employing more than 600 people, to this day, we have produced over 1800 projects in 78 countries and on 6 continents.

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

LET'S TALK ABOUT YOUR PROJECT

Contact us at adventure@walltopia.com
or visit www.adventure.walltopia.com