
kKINETICS_{play}

BESPOKE ARCHITECTURAL
PLAYGROUND AND FITNESS

2024





KINETICS

Kinetics is a play & fitness company established in 2017.

Based in Malaysia, we bring the toolset and artistry of architects and designers to playgrounds and fitness activities, allowing community spaces to express their own style and uniqueness.

Today's playgrounds have evolved with the changing trends of the 21st century. Much like modern architectural landscapes where buildings are designed to be clean and modern, the modern playground must not only be fun and expressive but also merge aesthetics and practicality, form and function as one – making them fun play spaces for children as well as creating talking points for a development.

We aspire to design and provide products that are of the highest standards while constantly challenging and leading communities to achieve the highest level of sustainable design.

We help our stakeholders realise their dream recreational spaces, and relish the excitement of them being fulfilled.



KINETICS PLAY

Amazing playground design begins with an extraordinary vision. We differentiate ourselves by the ability to create customised designs while factoring in the landscape and development, making your playgrounds one-of-a-kind.

Our advanced modular play systems are highly configurable and can be customised in a myriad of ways for different colours and designs, with varying degrees of challenge, excitement and fun.

Let our diverse team of architects, interior designers, graphic artists and industrial designers work together with your engineers, advisors and landscape architects to conceptualise and provide the best customised playground solutions for your community.

Ultimately, we are all about building stronger communities around the world by advancing play & fitness experiences through innovation, research and partnerships.

We aim to be the global fitness and playground solutions leader by providing unique systems that



KINETICS FITNESS

The Kinetics Fitness range of exercise equipment explores the interactive relationship between the motion of human bodies and its beneficial effects. Our products sculpt the human body through repeatable exercises that focus on smaller muscle groups.

The Kinetics Fitness system focuses on endurance instead of strength, inspired by elements from Hatha Yoga, where physical endurance is balanced by flexibility.

respect landscapes, spaces and good values while promoting health and development. We strive to contribute to positive development of individuals and society as a whole. We value the principle of 'form follows function', and every element, no matter how small the detail, contributes to the overall aesthetics of the development.

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MATERIAL SPECIFICATIONS

SAFETY AND WARRANTY



Referring the stilts houses in the fishing villages that can be found in Malaysia. This is an outdoor play jungle which has integrated both landscape and play elements.

Abstract interpretation from traditional houses.



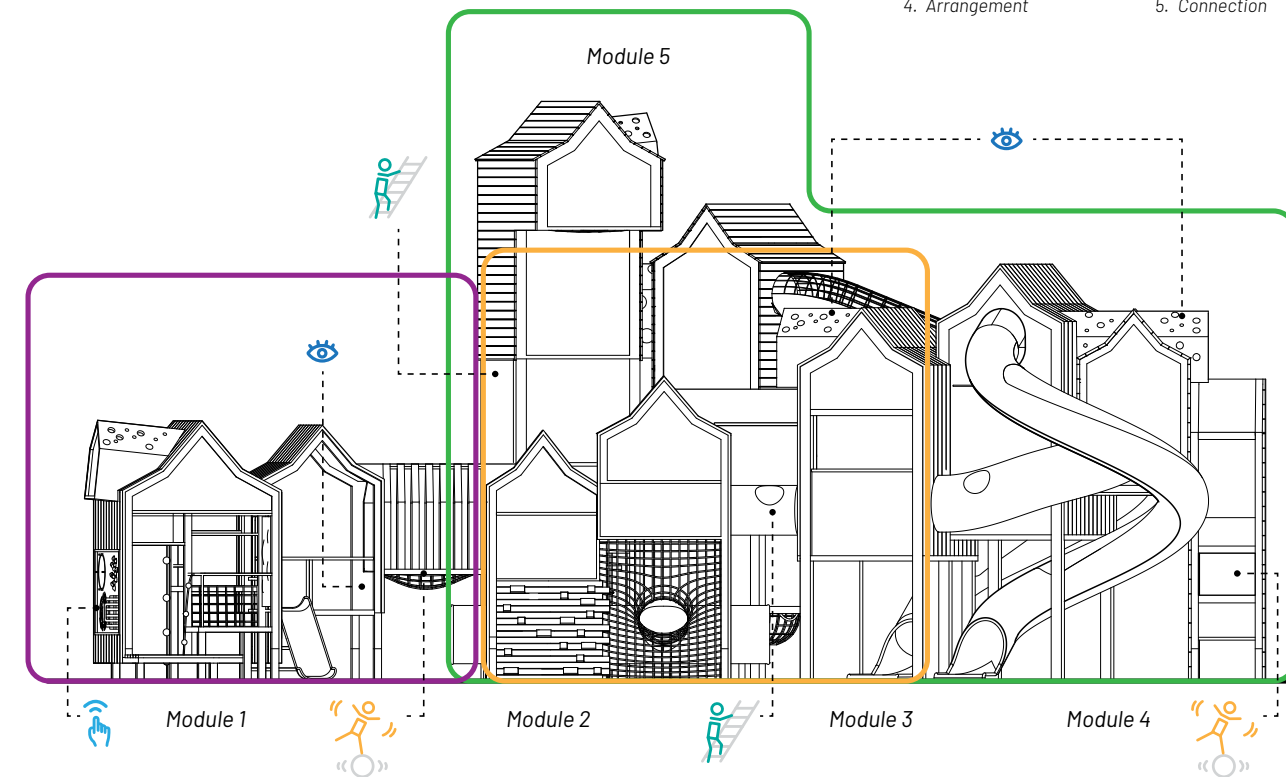
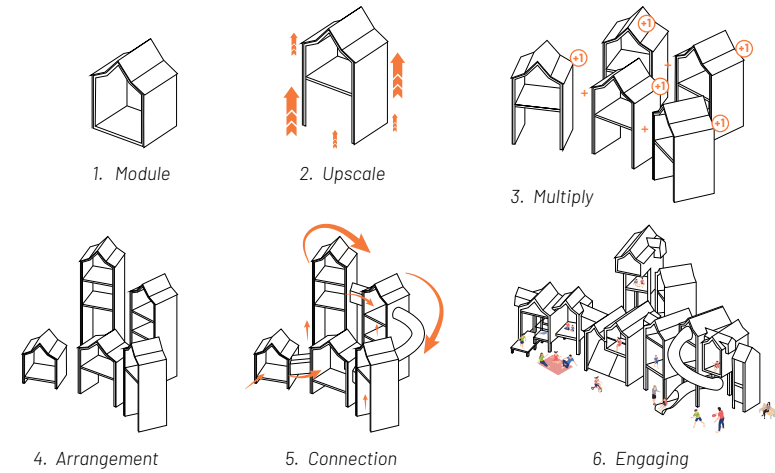
Malaysian Landscape Unveiled in Urban Play Design

The TRX Playscape innovatively integrates nature play into the urban landscape, showcasing Malaysian landscapes and habitats. This visionary concept aims to revive childhood escapades in urban environments, enriching the cityscape. Four play zones – Play City, Central Waterplay, Play Cave, and Western Water Feature – connect seamlessly through a river pavement, uniting abstract urban blocks with natural landscapes.

Meticulously crafted to embody Malaysian typologies, each zone introduces diverse play values. The playscape prioritizes inclusivity, offering enriching experiences for children of all abilities through the Five Senses, fostering universal joy in an immersive and memorable urban-nature play experience.

PLAY CITY

PLAY CITY in TRX is a dynamic playground reflecting the urban essence through innovative designs. This vibrant play area features creative platforms, varying heights, and engaging structures, immersing children in a city-inspired experience. With diverse architectural elements, slides, netting platforms, and maze-like pathways, it encourages exploration and imaginative play. Young adventurers can discover and engage with the urban environment in a playful yet educational manner.



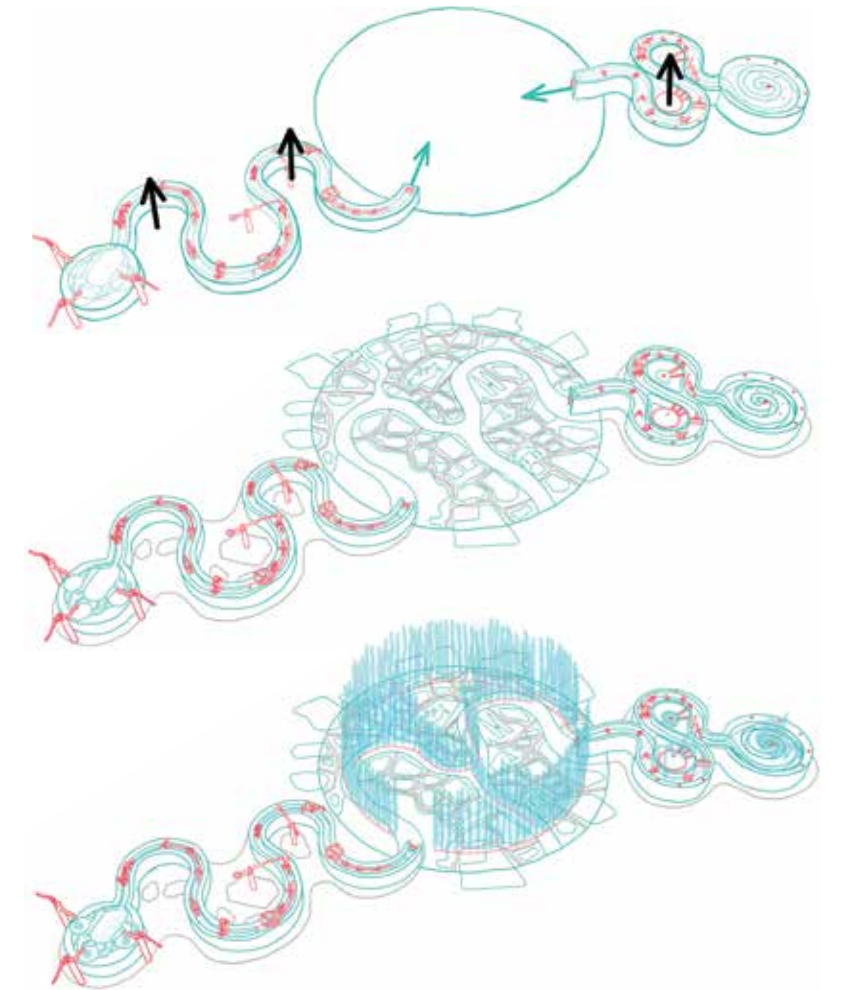
CENTRAL WATERPLAY

Rivers were vital for early settlements, fostering civilizations along their banks. Kuala Lumpur, meaning 'muddy confluence' in Malay, thrived at the junction of the Klang and Gombak rivers, marking a crucial historical backdrop. The central waterplay symbolizes this confluence, embracing abstracted

urban street blocks as its floor pattern. Inspired by Kuala Lumpur's laterite earth, vibrant colors weave through urban and natural landscapes, offering children an engaging, inclusive sensory play that harmonizes with the city's rich history and development.



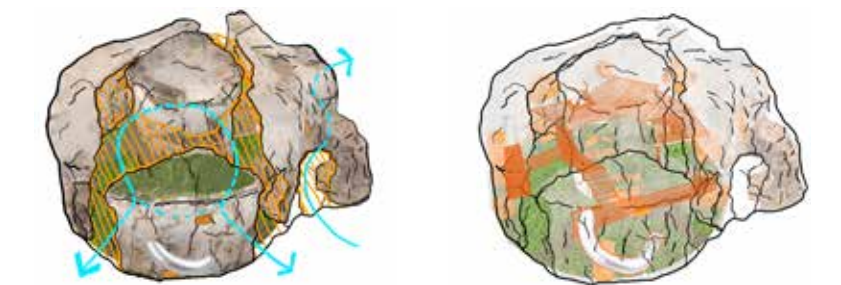
1. Rivers originate and converge: Kuala Lumpur developed along one
2. Added active & passive play values for both rivers
3. Designed an abstract Kuala Lumpur City Layout onto the Central Spray Zone
4. Extend floor patterns to the rivers to enhance play experience
5. Introduce a water maze system to enhance children's play engagement
6. Children's play generates river flow to central spray zone with a lively water maze, creating a joyful atmosphere where water engages with them



PLAY CAVE

Malaysia, boasting vast caves within stunning limestone mountains, houses some of the world's largest and longest cave systems. The play zone replicates this natural environment, offering an exhilarating experience for teenagers and young adults.

Depicting limestone outcrops, the design encourages play and exploration, seamlessly merged with a waterfall. This immersive setup transports individuals to an out-of-this-world adventure, celebrating the unique geological wonders found in Malaysia's caves.



1. Creating opening for accessibility
2. Circulation in/out of cave with open top to enhance cave experience
3. Added play value to the cave and with another level to accommodate for more & better play experience
4. With slides, hanging platforms, climbing walls and nettings, the cave experience will not be the same



Design in Collaboration with Carve.nl Studio

Carve.nl is a Dutch group of designers and landscape architects established in 1997 that focuses on the planning and development of public spaces. Carve.nl designs public spaces to connect society in a playful way, contributing to an active and playful foundation for a liveable city.

Design Thinking

Playgrounds are not just a place for children to play. They are gathering spaces for the community, family bonding areas, activation zones, recreational fitness spots and sculptures that create identity for a development.

With this collaboration, we wanted to explore unique play experiences which leave lasting memories for users and the community as a whole.

This collaboration involves a team of designers from different disciplines (architecture, landscape architecture, product design and industrial design). We work together, applying our shared knowledge and experiences to bring playscape design to an esteemed level.

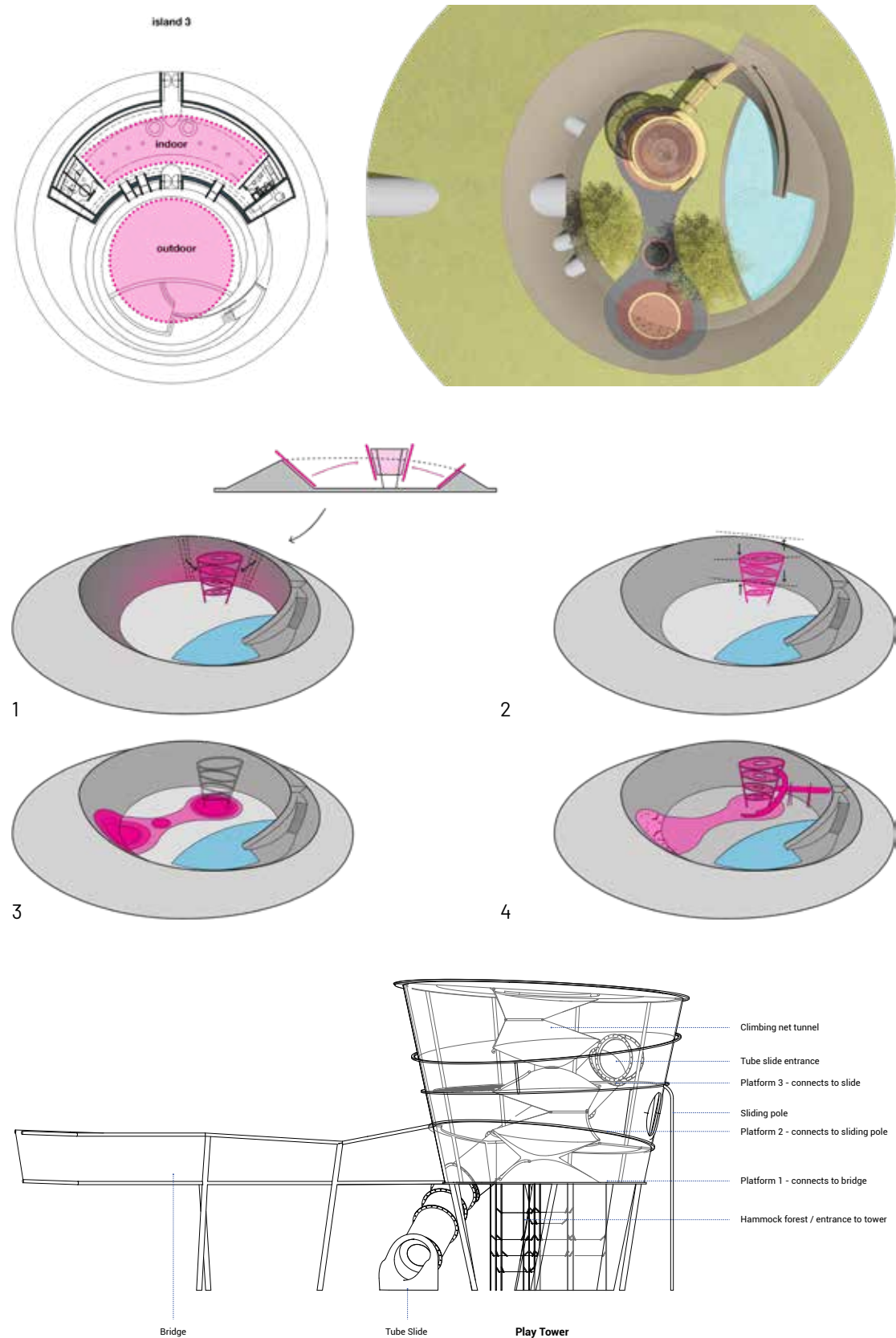


Aerial view of the playground at
Ritz Carlton Maldives

INTERNATIONAL COLLABORATION RITZ CARLTON MALDIVES

Design development diagrams

1. Inclined tower walls to emulate the landscape
2. Similar inclinations are employed on the roof and the platforms of the tower
3. The interior play area connects to outdoor play areas in various ways
4. Additional play equipment



Design

Located at Ritz Carlton Maldives, Fari Island, this playscape takes the children staying at this sunny resort through an adventure of climbing, jumping, crawling and sliding. Inspired by a water sprout, the play tower which stands at 5.8m in height was built to integrate various styles of play within its space.

Designed for children aged 6 to 12, the majestic tower is accessed through a climbing net or a tunnel bridge, with a slide allowing children to twirl out of the tower at exhilarating speeds. To add on to the fun factor, there is also a play wall with climbing grips and recesses.



Fabrication, Installation and Safety

To ensure that our products are of the finest quality, we adhere to strict processes from research & development to fabrication & installation. The fabrication of all components are carried out in strict compliance with the approved designs and drawings. Structural strength is carefully ensured through quality welding practices. We employ experienced welders and the work is checked by well-trained CSWIP inspectors. We practice 100% dry-fitting to ensure our products meet our accuracy and consistency requirements. All processes are monitored and documented internally through thorough incoming inspections, work-in-progress inspections and finished goods inspections.

VERTICAL PLAYGROUNDS



An Innovation for Modern Cities

With rapid urbanisation, our modern cities face new development hurdles. Space limitations and building restrictions can pose unique challenges. Innovating solutions to these specific challenges, we've designed playgrounds that allow more kids to play while maintaining a small footprint.

Encased in a metal grid cage, the playground is made up of undulating layers, rising up to three storeys in height. Designed for children aged 5 to 12, it can hold up to 30 children. They can walk on the flat surface areas and climb around the structure.

Vertical playgrounds pack the maximum amount of fun into the minimum available area and this continues to be one of our best innovations and a popular choice for our clients.

CV0001SM

KING CRAWLER

Category
Vertical Playgrounds

Age Group
6-12 Years Old



King Crawler is a play wall with multilevel platforms that invites children to climb, hang and slide from and within the structure. The steel mesh provides a sense of security, allowing children to play with confidence.

Play Components

- Tube Slides
- Crawling Membrane with Cleats
- Crawl Passages
- Hideout
- Rocking Hammocks

Play Activities



Climb



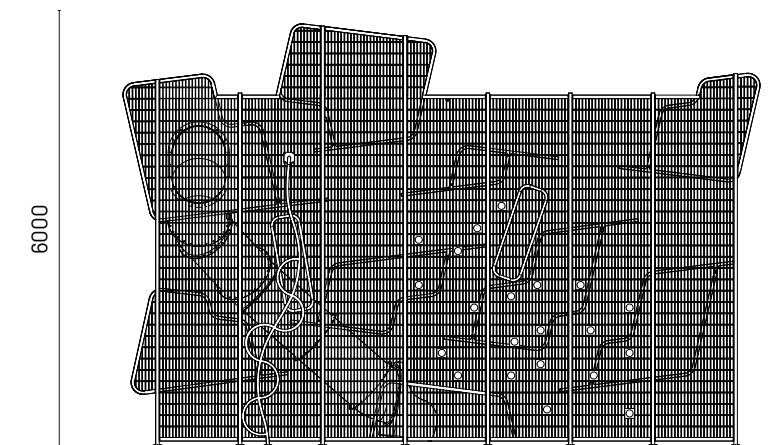
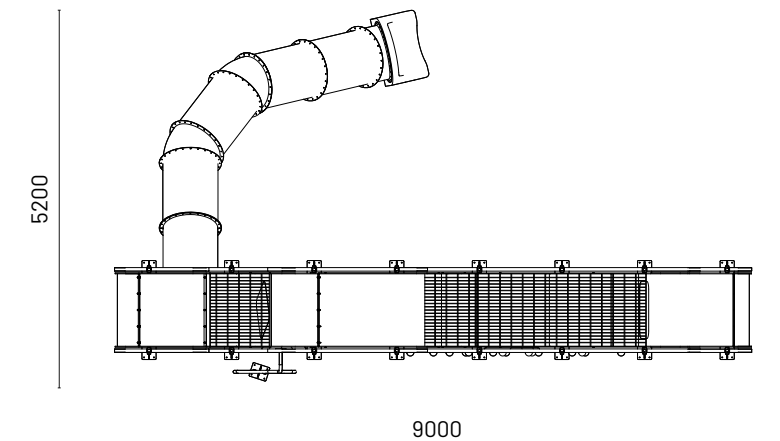
Crawl



Socialise



Slide



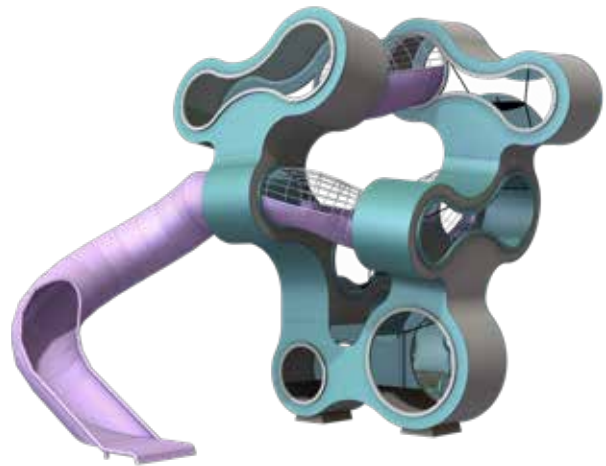
All measurements in mm

FIDGET CLIMBER

CV0002SM

Category
Vertical Playgrounds

Age Group
6-12 Years Old



A unique sculpture that resembles a fidget spinner, this vertical play sculpture with its fidget-like shapes has delighted the imagination of many kids. Fidget pods are incorporated within the structure for children to discover and retreat into. Large windows offer a good view of the surroundings, making the structure light, airy and fun to explore.

Play Components

- Tube Slide
- Crawl Tunnel with Cleats
- Rung Ladder
- Marble Maze
- Lookout Window
- Climbing Rope
- Hideout

Play Activities



Climb



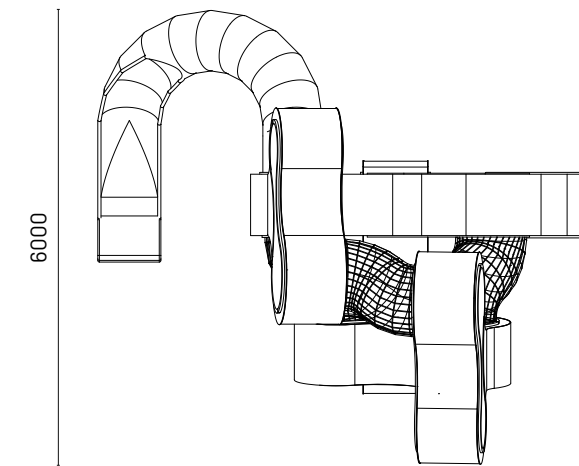
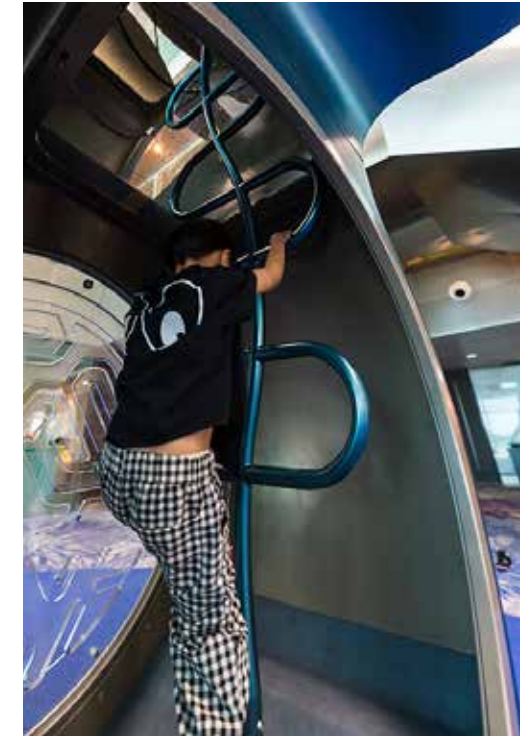
Crawl



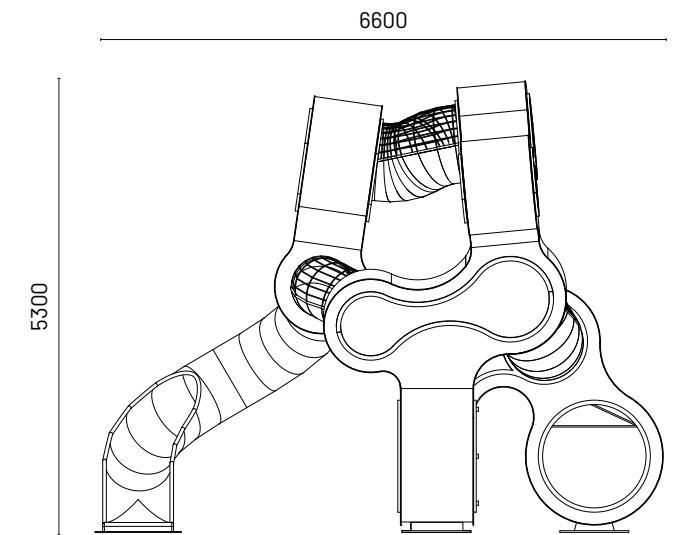
Slide



Sensory



All measurements in mm

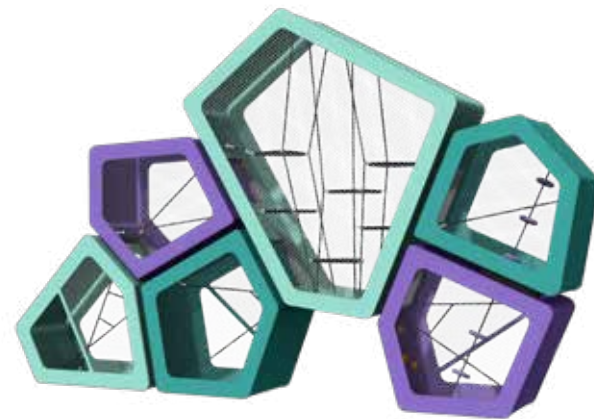


PLAY CORAL

CV0003SM

Category
Vertical Playgrounds

Age Group
6-12 Years Old



The Play Coral themed play sculpture attracts children to climb, hang, swing, slide and jump within the sculpture. The side netting creates a sense of security, allowing children to play with more confidence.

The more adventurous components of the Play Coral offer endless fun and challenges for children such as climbing cleats and ropes. Hammocks allow them to lounge and sway after a workout or hang out with friends.

Play Components

- Rope Ladder
- Rope Obstacle
- Climbing Hammocks
- Rung Ladder
- Monkey Swing

Play Activities



Climb



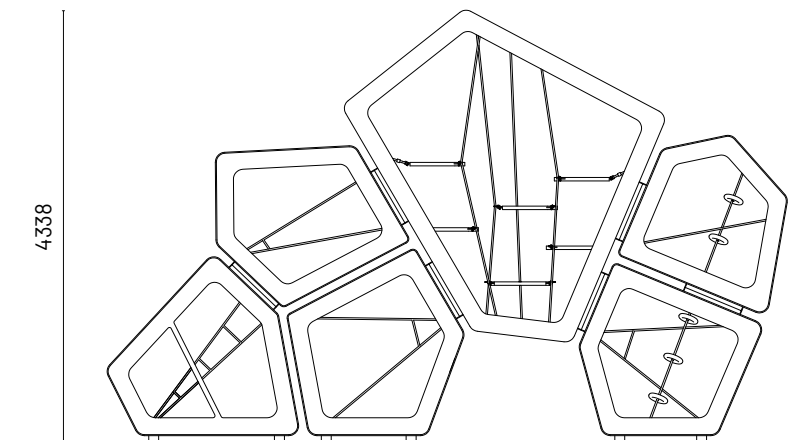
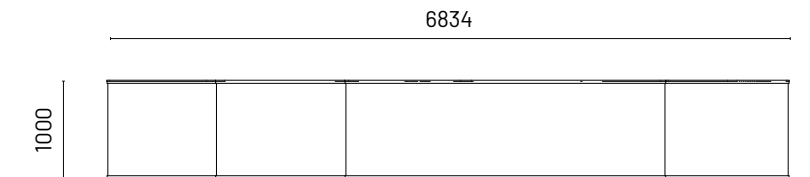
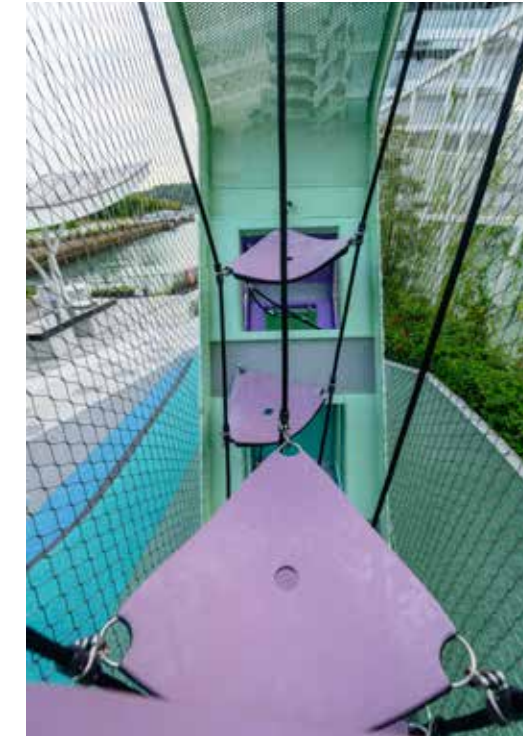
Crawl



Balance



Rock



All measurements in mm

CV0004SM
**SMALL
 CORAL**

Category
 Vertical Playgrounds

Age Group
 2-5 Years Old



The Small Coral play sculpture allows children to climb and slide with a cosy corner tucked just below the slide. Glass panels sandwiching the slide create a transparent and open design for parents' watchful eyes.

Play Components

- Rung Ladder
- Toddler Slide
- Hideout

Play Activities



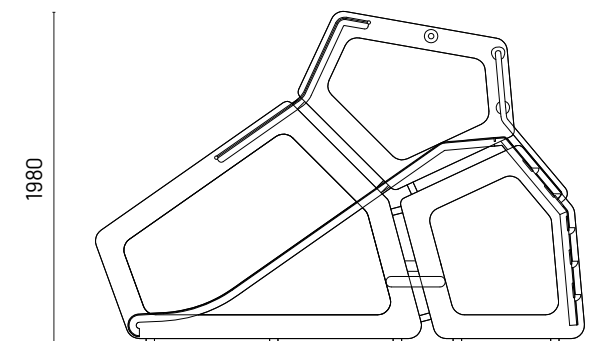
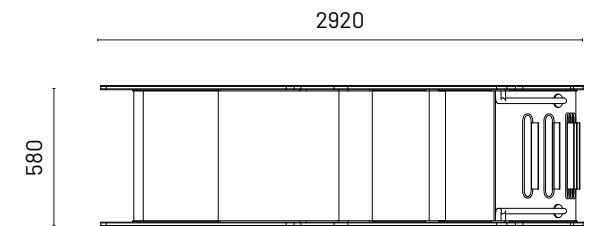
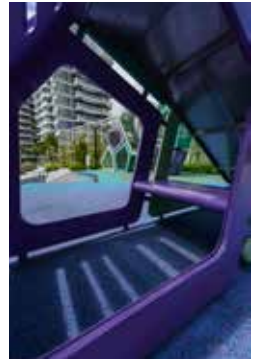
Climb



Socialise



Slide



All measurements in mm

HAMMOCKS



Hangout & Lounging

Our Hammock series is designed to create meeting points for children to chit chat. They're also great when the kids just want to hang around, or take a break after a fun workout in the playground.

HAMMOCK FOREST

CV0007SM

Category
Hammocks

Age Group
2-12 Years Old



Hammock Forest consists of nine hammocks positioned in different heights for children to climb, sit and sway.

This interesting play structure integrates well into any playground, as a meeting point for children to chit chat or a resting place tucked in a quiet corner, away from the main area of the playground.

Play Components

- Lounging Hammocks

Play Activities



Climb



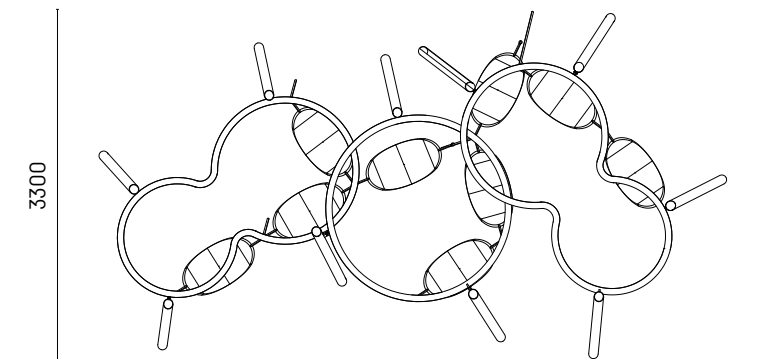
Socialise



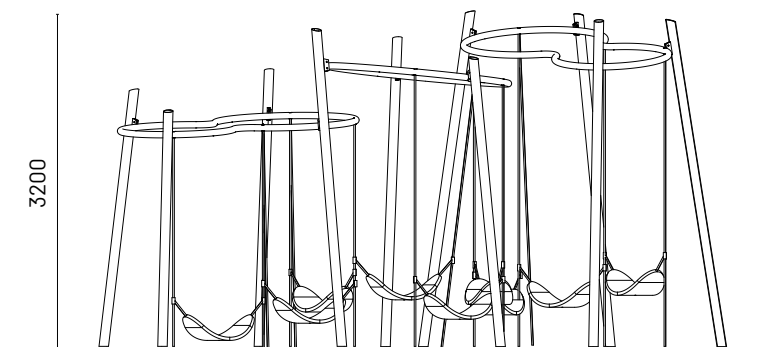
Balance



Rock



6000



All measurements in mm

CV0008SM

HAMMOCK TRELLIS

Category
Hammocks

Age Group
2-12 Years Old



Play Components

- Lounging Hammocks

Play Activities



Climb



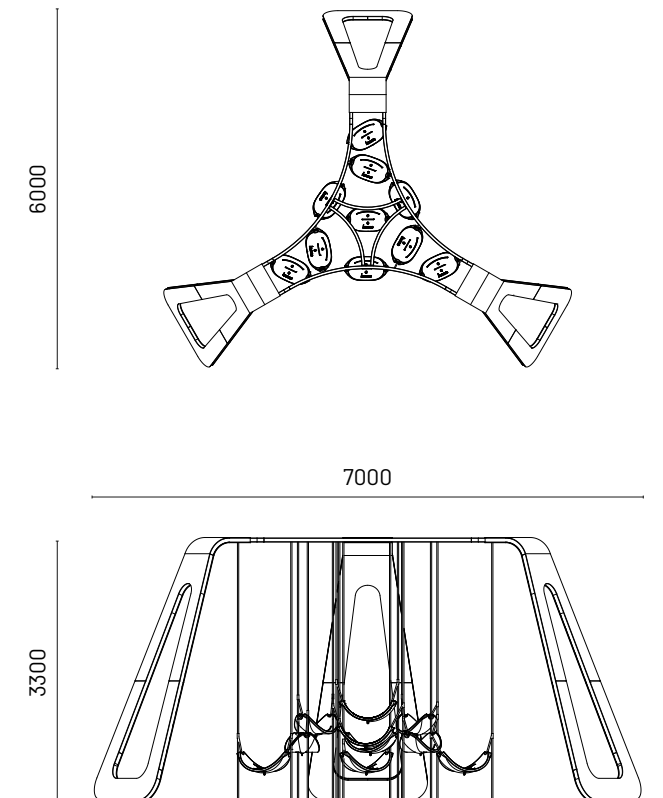
Socialise



Balance



Rock



The Hammock Trellis consists of ten hammocks positioned in different heights for children to climb, sit and sway.

This interesting play structure integrates well into any playground, as a meeting point for children to chit chat or a resting place tucked in a quiet corner, away from the main area of the playground.

All measurements in mm

MODERN BANYAN



Inspired by the Banyan Tree

This playground series takes inspiration from the banyan tree. Banyans are known for being meeting points for merchants and villagers because of their huge and generous shade. A banyan tree seed lands on a host tree, and then grows around the host. When the host eventually dies, the banyan tree that remains has an empty core with column structures surrounding it.

The banyan tree has the unique characteristic of creating a wide aerial root system that stretches across multiple trees. Because of the tree's rapid growth, it provides plenty of shade that draws people from all over to gather under its expansive canopy.

CV0010SM

2 TREES

Category
Modern Banyan

Age Group
6-12 Years Old



Play Components

- Tube Slide
- Climbing Hammocks
- Hanging Spinner
- Spinner
- Dynamic Rope Obstacle
- Rubber Membrane Slope

Play Activities



Climb



Socialise



Balance



Rock



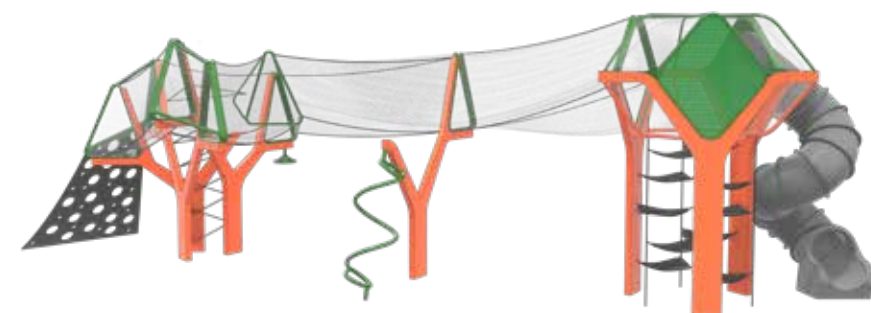
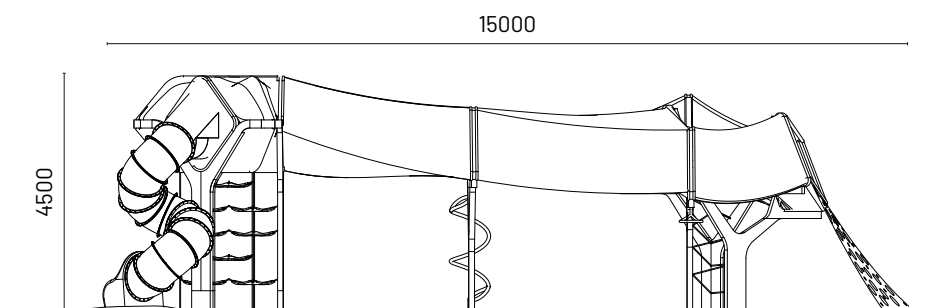
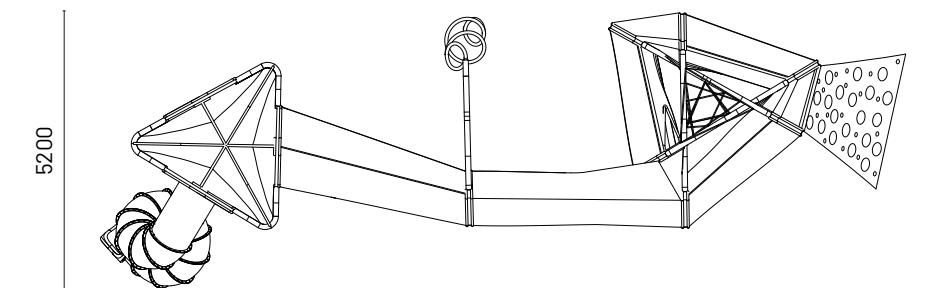
Spin



Slide



Crawl



A large climbing net links two brilliant orange 'trees' together, creating a unified play structure. The interlinked design of this playground structure is inspired by the natural form of the banyan tree.

All measurements in mm

1 TREE WITH SLIDE

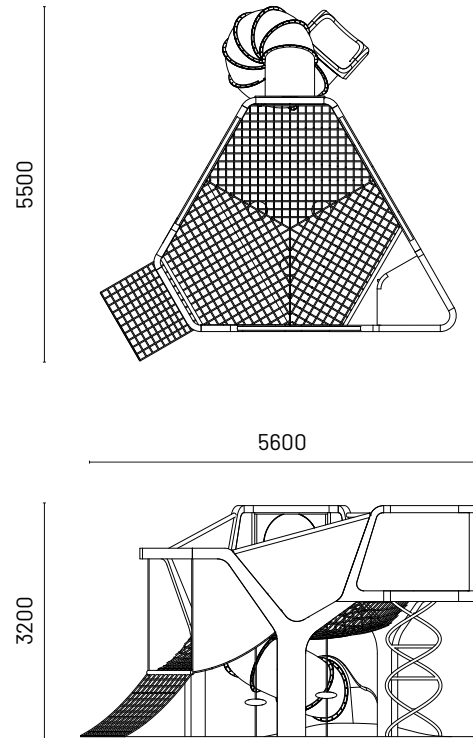
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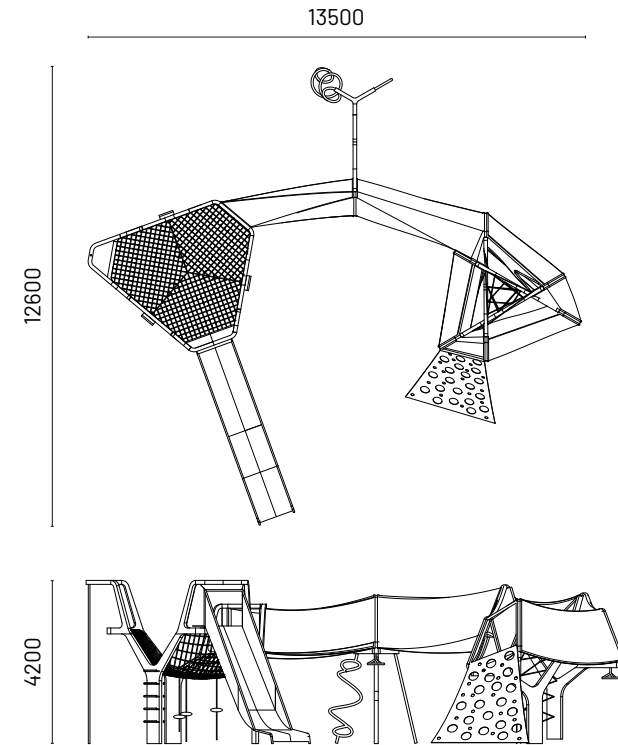
A single tree tower with multiple access methods to the upper rope net platform and a fun slide exit. This design mimics the banyan tree structure consisting of an empty core with column structures around it.

Category
Modern Banyan

Age Group
6-12 Years Old



All measurements in mm



All measurements in mm



The three majestic banyan trees come together to create spaces for physical and social play. The users can navigate around these trees in many ways such as crawling, climbing, spinning and sliding. The unified play structure is great for helping children train hand-eye coordination and problem-solving skills while having fun.

CV0011SM

3 TREES

Category
Modern Banyan

Age Group
6-12 Years Old

TREE SWING

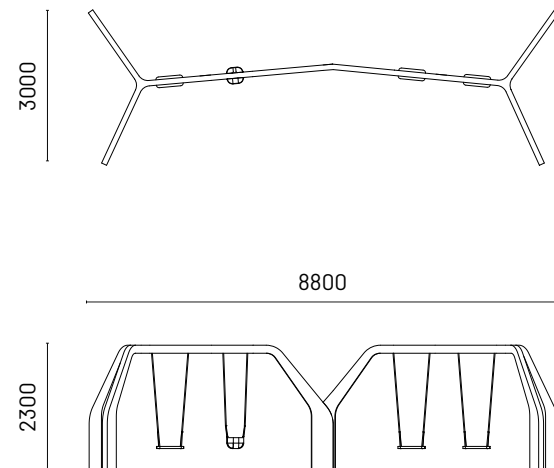
CV0012SM



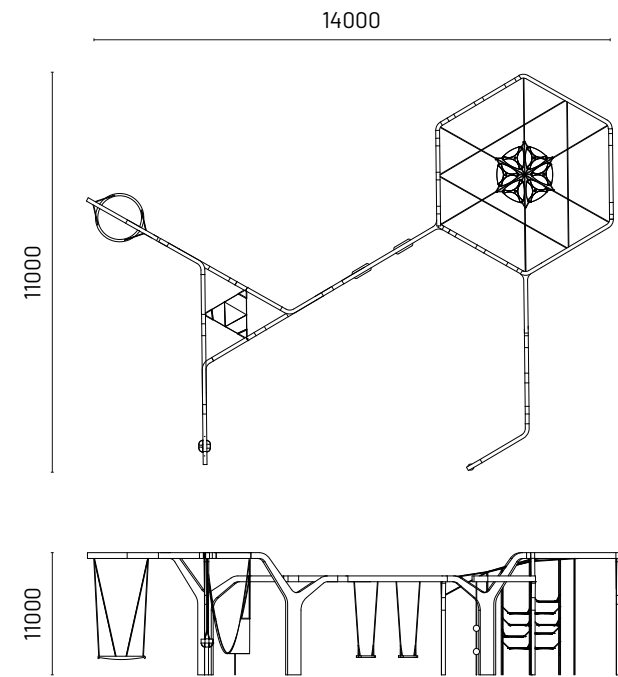
While the overall shape emulates the silhouette of banyan trees, the draping swings these structures hold emulate hanging tree roots. Kids can enjoy both the cooling breeze and adrenaline rush that come from swinging on this play structure.

Category
Modern Banyan

Age Group
2-12 Years Old



All measurements in mm



All measurements in mm



This play structure features a wide array of swings that allow kids to experience different kinds of fun as they swing from tree to tree. They can relax as a group on the bird nest swing, enjoy the double swing alongside a friend, or go on a personal adventure up the hammocks.

CV0013SM

SCULPTURAL TREE SWINGS

Category
Modern Banyan

Age Group
2-12 Years Old

THEMATIC



Inspired by Creative and Imaginative Subjects

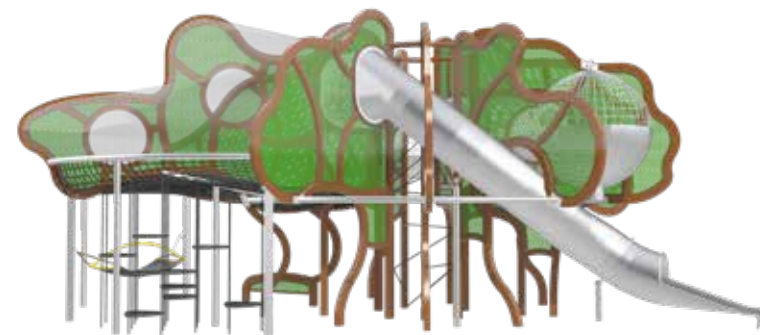
In this series, the playground structures are inspired by creative and imaginative subjects, from tree houses to boats on the sea. These wild shapes drum up children's imagination, allowing their play to go beyond the physical space into the world of their own stories and characters.

FICUS PLAY TREE

CV0014SM

Category
Thematic

Age Group
6-12 Years Old



Banyans are known for being meeting points for merchants and villagers because of their huge and generous shade. A banyan tree seed lands on a host tree, and then grows around the host. When the host eventually dies, the banyan tree that remains has an empty core with column structures surrounding it.

Drawing inspiration from these characteristics, we've integrated exciting play experiences within the many facets of this tree - kids can enjoy exploring the canopy, lounging among the branches, climbing the dangling roots and sliding out the hollow trunk, among others.

Play Components

- Tube Slide
- Lounging Hammocks
- Rope Net Platform
- Crawl Passage
- Dynamic Rope Obstacle
- Lookout Sphere
- Giant Hammock

Play Activities



Climb



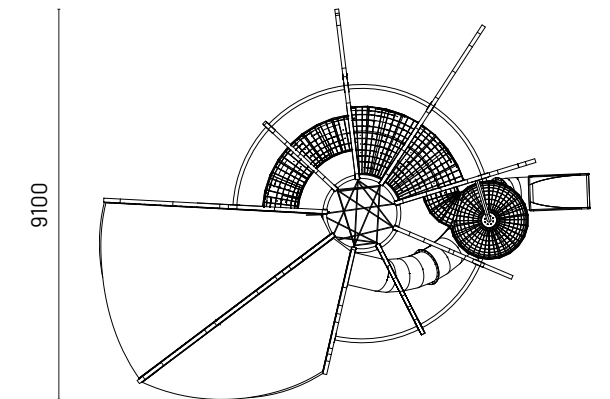
Socialise



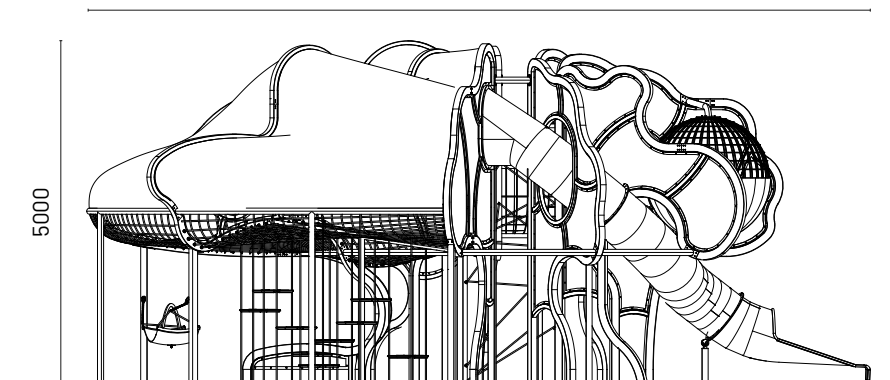
Crawl



Slide



11500



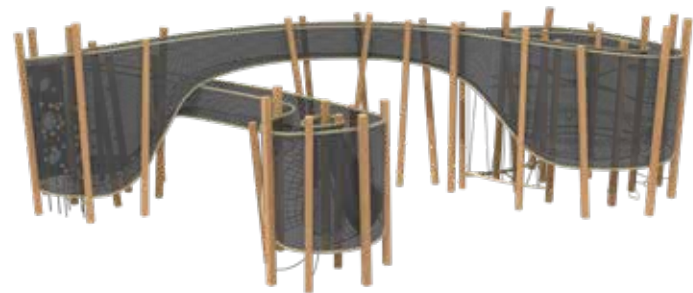
All measurements in mm

CV0018SM

PLAY CURL

Category
Thematic

Age Group
6-12 Years Old



Play Curl creates a transparent yet secluded adventure area for children. It combines vertical play with nature, discovery and active play experiences. Children enter the curl from ground level by using the climbing elements suspended underneath the equipment.

The Play Curl consists of three towers connected with two bridges that cross over walking paths beneath. Each play tower can be accessed from below and has at least two different climbing routes to get to the bridges. Children can choose between a 'difficult' or an 'easy' way up depending on their own climbing skills. This keeps the tower challenging no matter the child.

Play Components

- Rope Net Platform
- Rubber Membrane Slope
- Rubber Crawl Through Panels
- Crawl Passage
- Dynamic Rope Obstacle
- Climbing Rope with Knots
- Climbing Cleats
- Balancing Coconut Rope
- Balancing Beam
- Monkey Bars

Play Activities



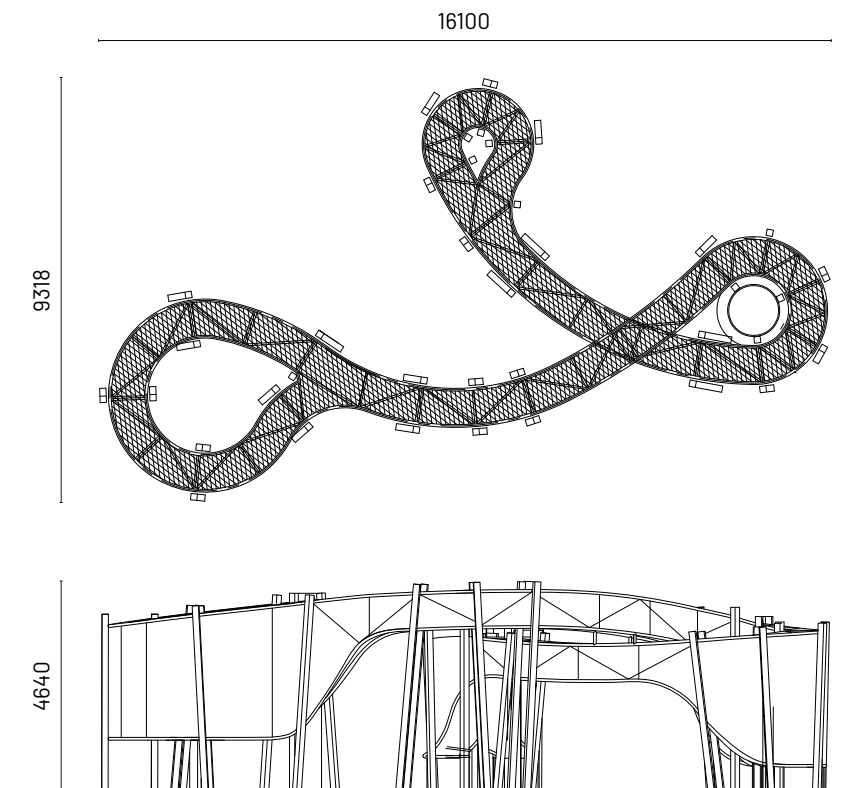
Climb



Balance



Crawl



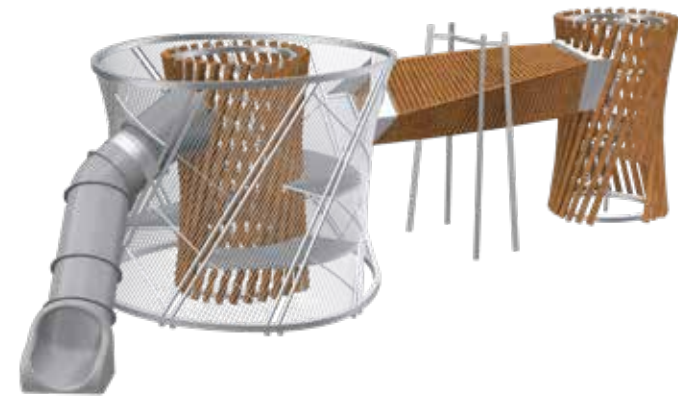
All measurements in mm

CV0017SM

DUNE TOWERS

Category
Thematic

Age Group
6-12 Years Old



The Dune Towers are two large twisted towers, clad with diagonal beams of timber. The facade cladding offers a sneak peek into the interior, playing on light & darkness to create a sense of mystery for the child. The interiors of the towers consist of various climbing routes with plateaus and climbing ropes that allow for different routes and difficulty levels. One of the towers has a 'double skin' that offers shade and creates a transparent effect.

A large slide connects the upper level with the ground. At three metres in height, the towers are connected with a bridge that shares the same twisted form as the towers. Here, children can experience the height through the dazzling kaleidoscopic effect of the timber planks.

Play Components

- Tube Slide
- Vertical Play Platform
- Overhead Tunnel
- Spiral Rope Net

Play Activities



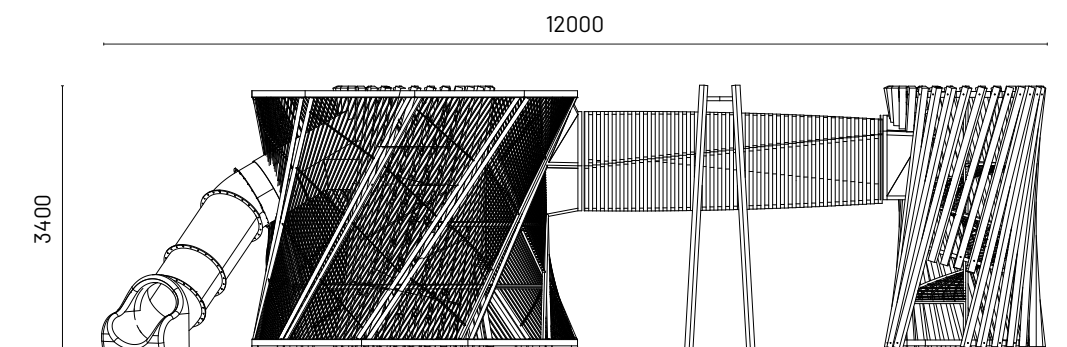
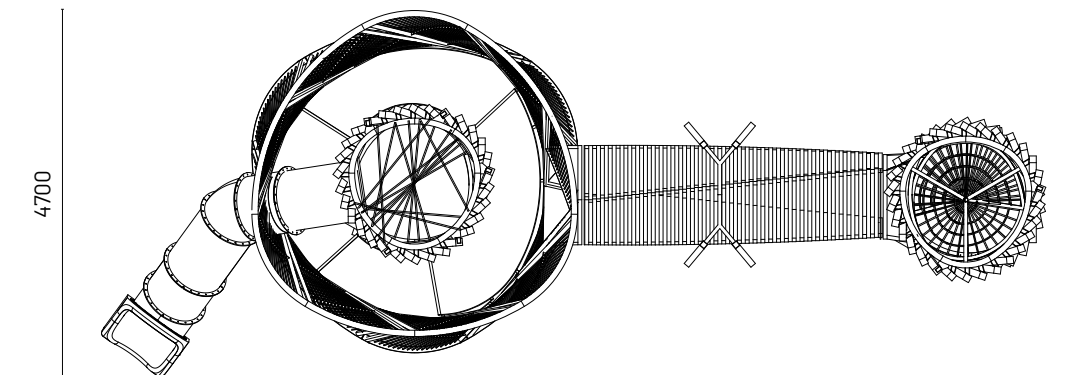
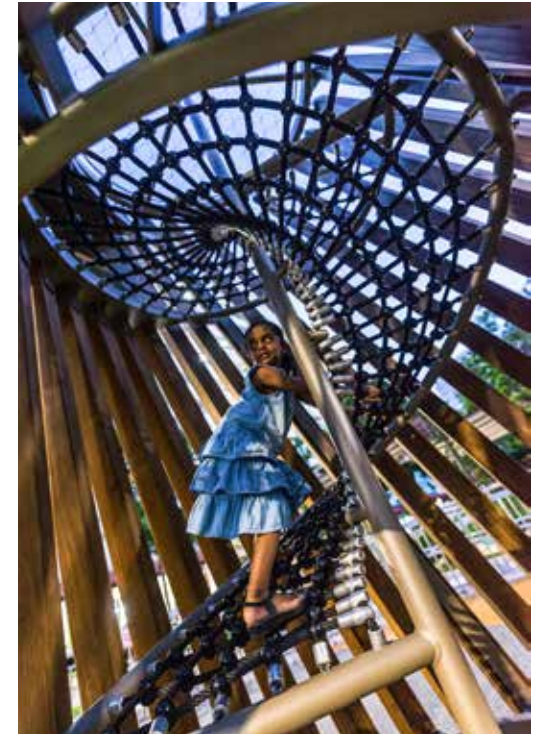
Climb



Slide



Crawl



All measurements in mm

SM0086

THE SAIL

Category
Thematic

Age Group
6-12 Years Old



Inspired by the magnificent sail of the modern day sailboat, The Sail draws upon this aesthetic to create an exciting, sleek play structure for the kids.

Diverse climbing features allow various physical challenges to support the development of cross-coordination and strength in children. Two exciting slides allow the kids to make a quick and fun exit.

Play Components

- Spiral Tube Slide
- Curved Tube Slides
- Lounging Hammocks
- Spiral Staircase
- Dynamic Rope Obstacle
- Spider Climbing Net
- Lookout Platform

Play Activities



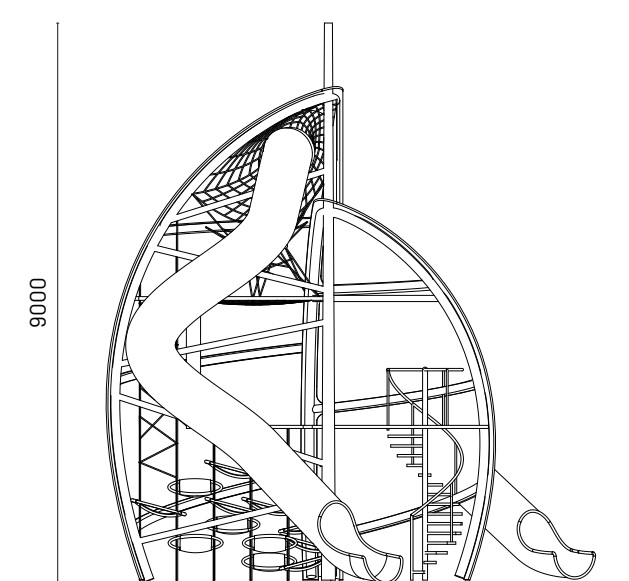
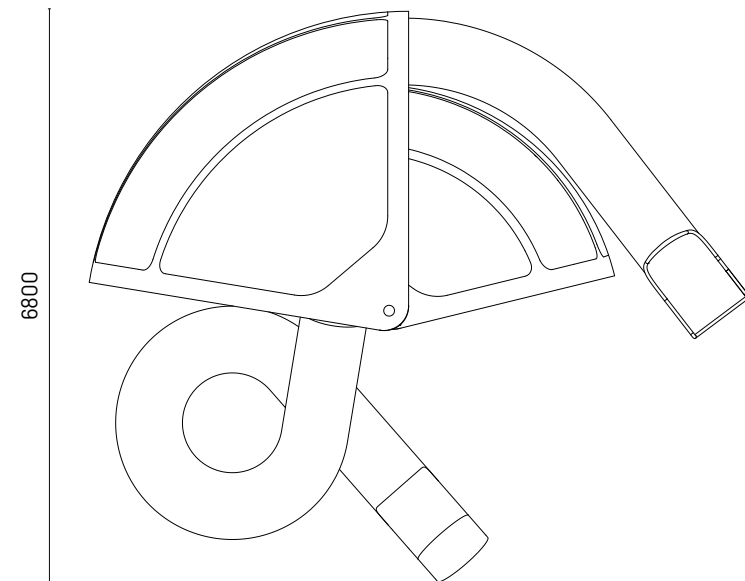
Climb



Socialise



Slide



All measurements in mm

CV0019SM

TREE HIDEOUT

Category
Thematic

Age Group
6-12 Years Old



Play Components

- Dynamic Rope Obstacle
- Balancing Beam
- Lookout Deck
- Sliding Pole
- Rubber Membrane Seats
- Rubber Membrane Panel

Play Activities



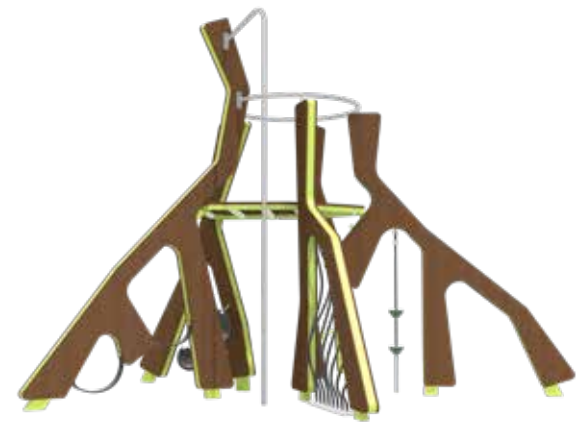
Climb



Balance



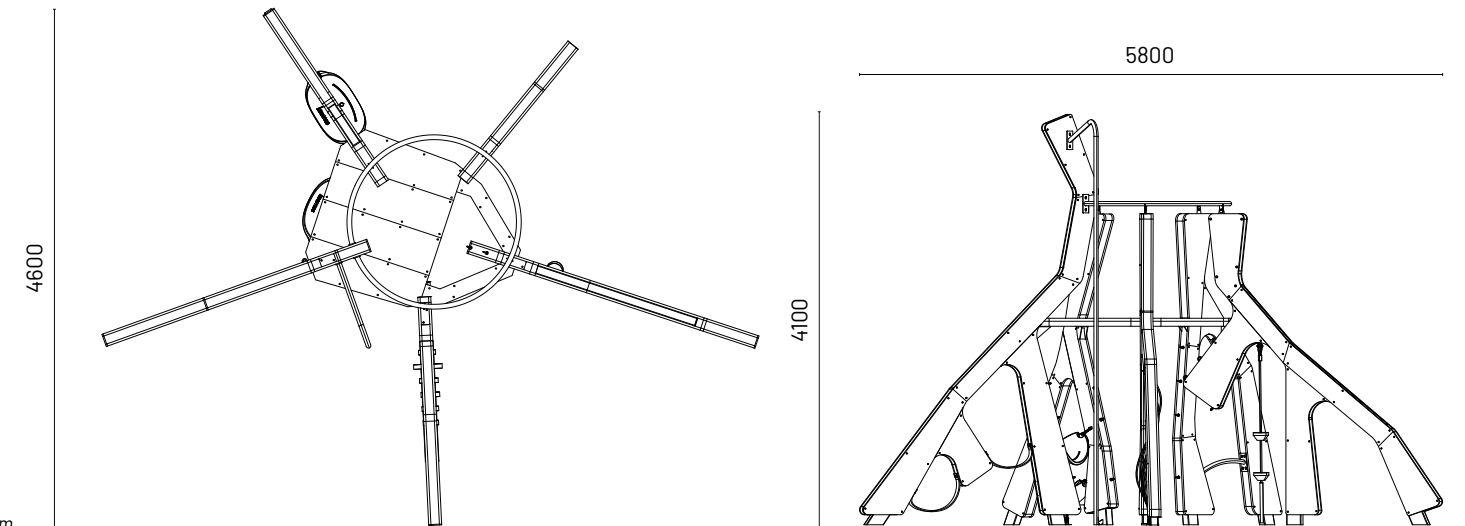
Socialise



Uniquely shaped like the base of a tree trunk, this play structure at Fernvale Link hides a number of playable components which encourage free-form play among kids.

They can climb up to the top of the trunk and slide down a fireman's pole, challenge their sense of balance on the ropes or just chill on the rubber strips.

All measurements in mm



CV0020WM

TREEHOUSE

Category
Thematic

Age Group
6-12 Years Old



Play Components

- Tube Slide
- Tear Drop Net
- Coconut Rope Bridge
- Wobbly Bridge
- Play Decks
- Banister Bars
- Spiral Staircase

Play Activities



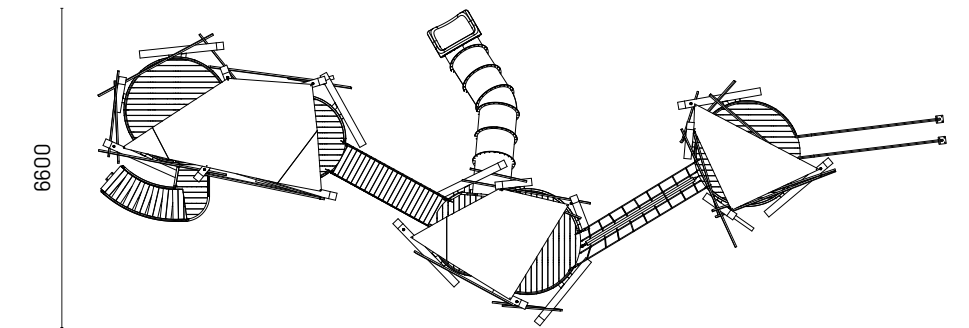
Socialise



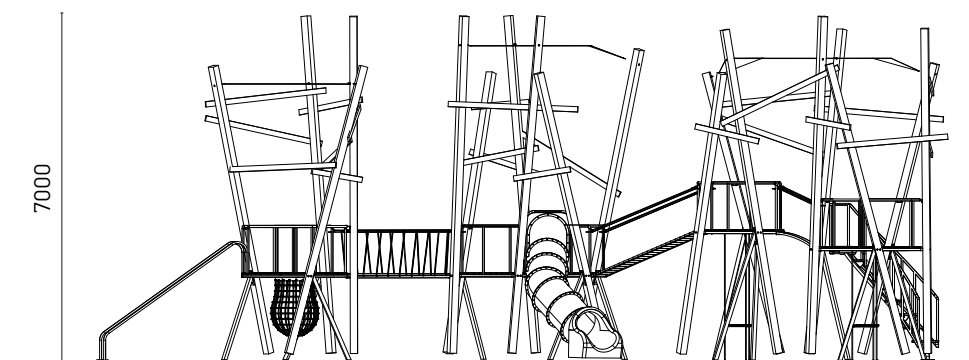
Balance



Sensory



18000



All measurements in mm



The Treehouse is designed for children aged 6 to 12. It's suitable for courtyards with shaded, enclosed areas. Children can have fun running, hiding, climbing, sliding or crossing the jungle bridges, which helps in developing their upper & lower body strength and endurance. The wide open spaces encourage imagination and role-playing. Older kids also enjoy hanging out around this structure in small groups.

CV0035WM

BIRDHOUSE

Category
Thematic

Age Group
6-12 Years Old



Play Components

- Open Slide
- Lookout Deck
- Spiral Staircase
- Vertical Ladder Access
- Liana Ropes

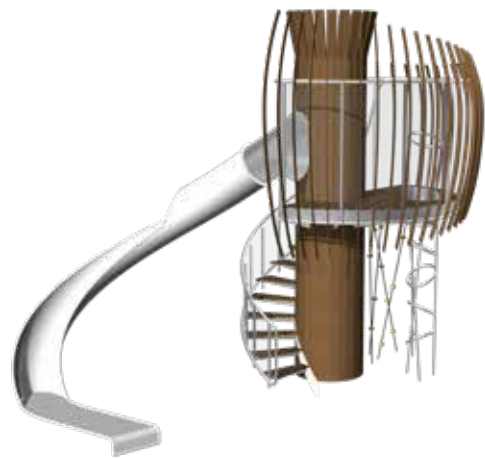
Play Activities



Climb

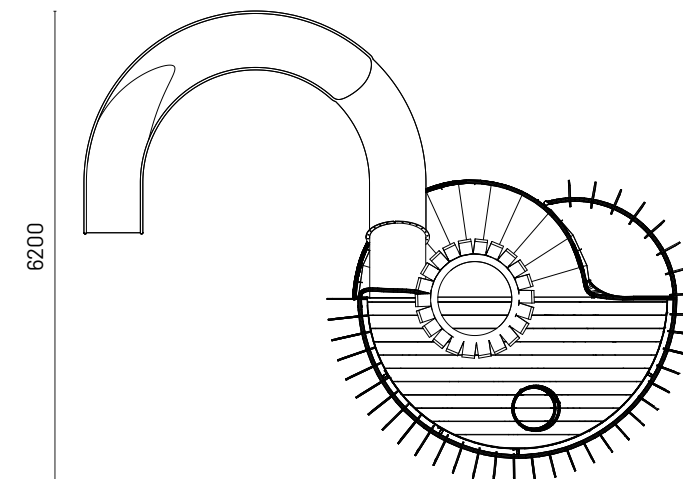


Slide



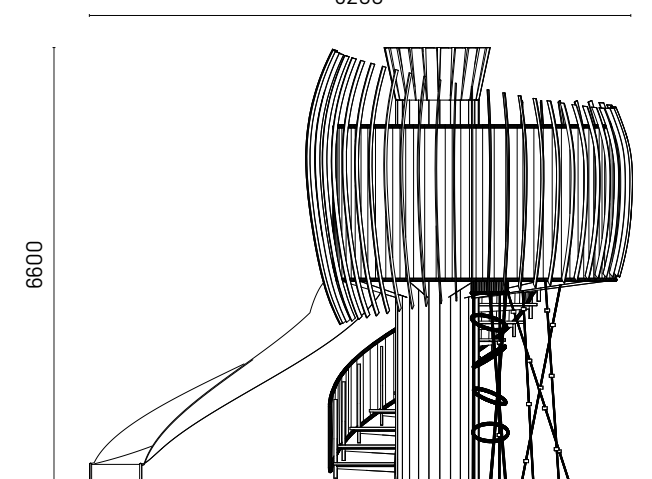
An abstract take on a birdhouse, this play structure incorporates wood and gentle curves to portray the elegant yet rustic marvel of nature. Despite its minimalistic look, it nests many play elements such as physical, social and solitary play. The users can have fun climbing, sliding or even discovering new things and perspectives as they enjoy the view from the lookout deck.

8500



6200

6200



6600

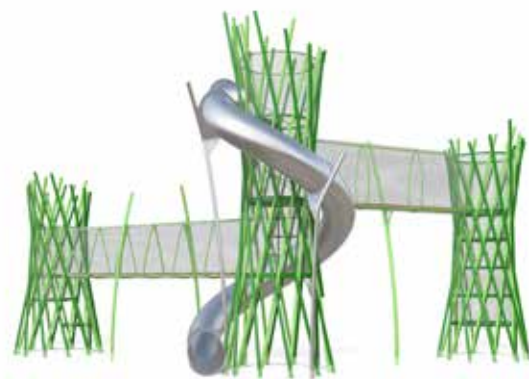
All measurements in mm

TWISTED BAMBOO TOWERS

SM0004

Category
Thematic

Age Group
6-12 Years Old



This play structure is inspired by the bamboo forest with its majestic green posts weaving high into the sky. This tower combines the bamboo posts with a variety of play elements. Various rope and net constructions are suspended between the posts.

The combination of shapes laid out over a large open space creates an adventure-filled landscape for the kids to explore.

Play Components

- Spiral Tube Slide
- Explorer Dome Window
- Netting Platforms
- Wobbly Rope Bridge
- Triangle Tunnel Bridge
- Lounging Hammocks
- Dynamic Rope Climber
- Trampoline
- Crawl Tunnels

Play Activities



Climb



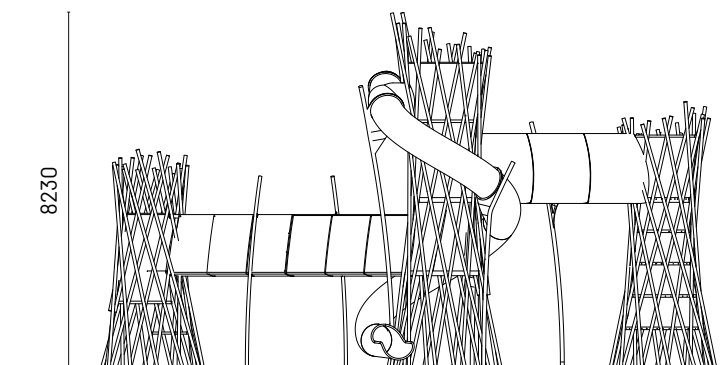
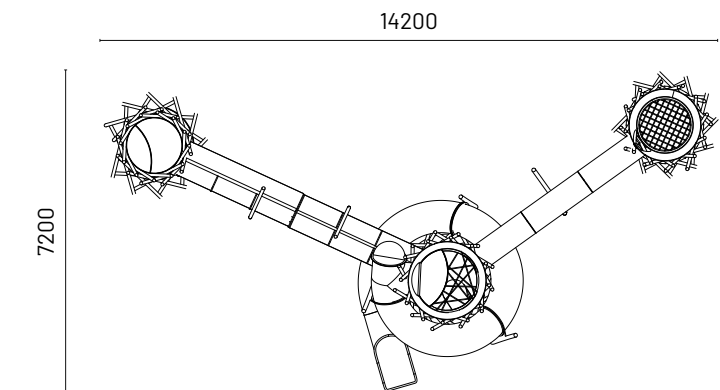
Socialise



Slide



Crawl



All measurements in mm

CLIMBING PARCOUR

CV0055SM

Category
Thematic

Age Group
6-12 Years Old



Elevated climbing parkour combined with play equipment placed between the trees, and four cocoon pods, which are the crossing points of the elevated play, lounge hangout and lookout point all at once ñ hovering at almost five meters above ground level. An adventurous play for active kids indeed.

Play Components

- Climbing Hammocks
- Netting Platforms
- Climbing Net
- Crawling Bridge
- Tube Slide
- Rung Ladder
- Lookout Window

Play Activities



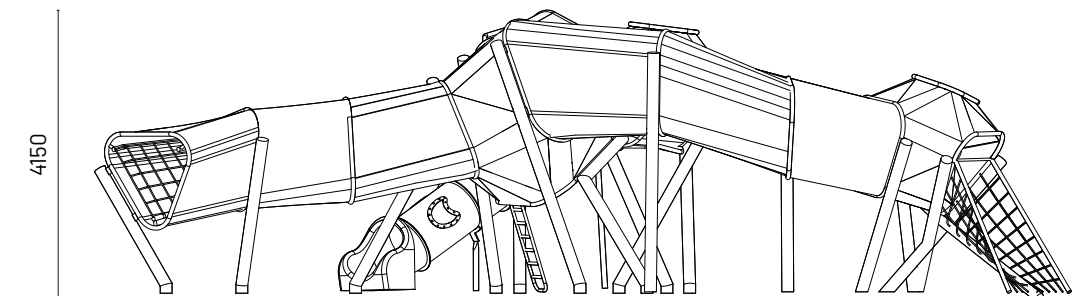
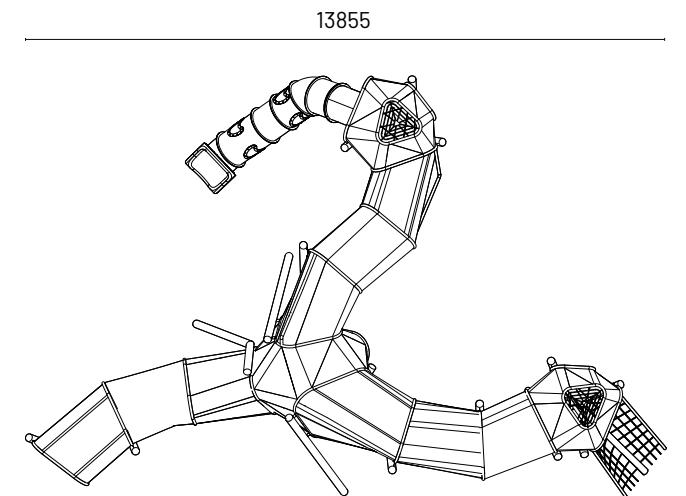
Climb



Slide



Crawl



All measurements in mm

CACTUS PLAY

CV0099SM



Category
Thematic

Age Group
6-12 Years Old

Play Components

- Climbing Hammocks
- Netting Platforms
- Climbing Wall
- Crawling Bridge
- Tube Slide
- Swing
- Sphere Net
- Rung Ladder

Play Activities



Climb



Slide



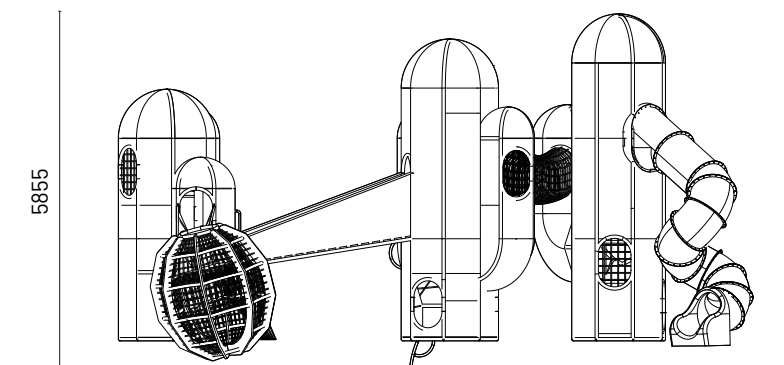
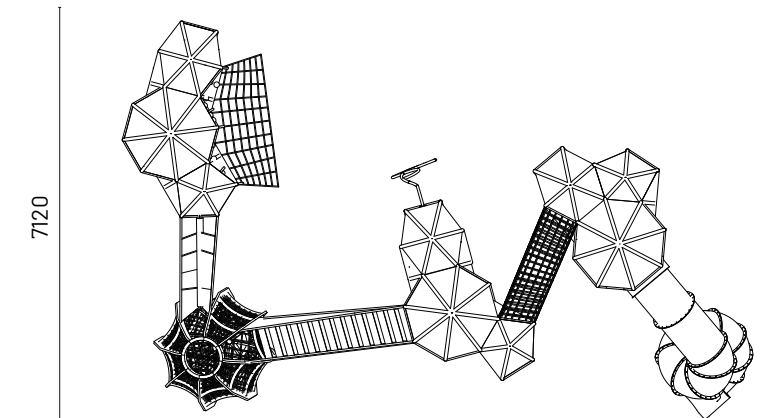
Balance



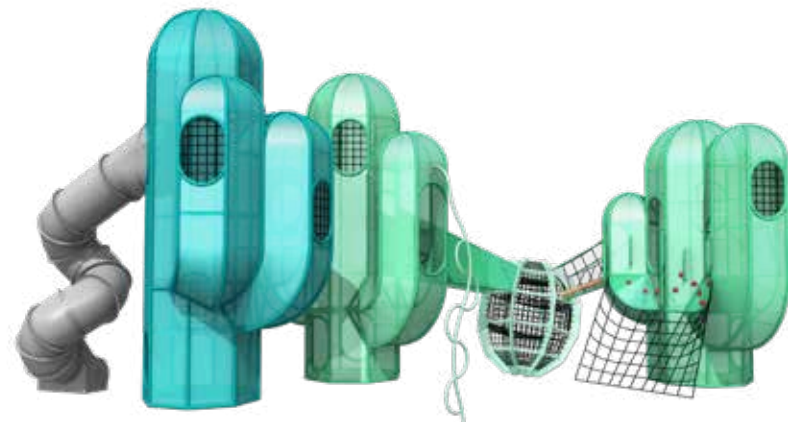
Crawl



11370



All measurements in mm



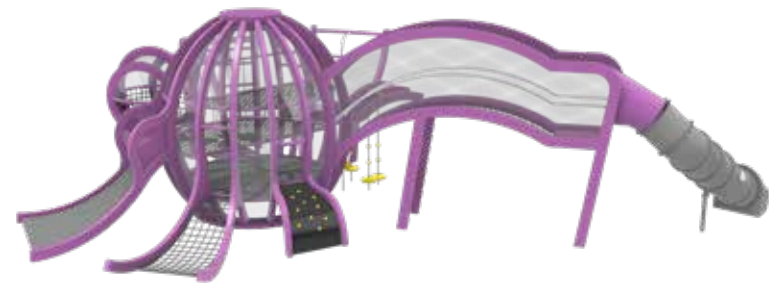
This exclusive, sophisticated cactus-themed play equipment is meticulously designed for children, combining elegance and fun. With its captivating design, it offers a unique and engaging play experience tailored specifically to young ones.

OCTOPUS PLAY

CV0066SM

Category
Thematic

Age Group
6-12 Years Old



The awe-inspiring octopus sculpture captivates children upon encountering this playground. With the mighty kraken theme, kids can embark on imaginative adventures, fending off the attacking octopus. This design aims to spark creativity, allowing youngsters to immerse themselves in a world of excitement and play while conjuring tales of bravery.

Play Components

- Climbing Hammocks
- Netting Platforms
- Climbing Slope
- Crossing Bridge
- Tube Slide
- Fireman Pole
- Lookout Sphere
- Membrane Slide
- Monkey Climb

Play Activities



Climb



Slide



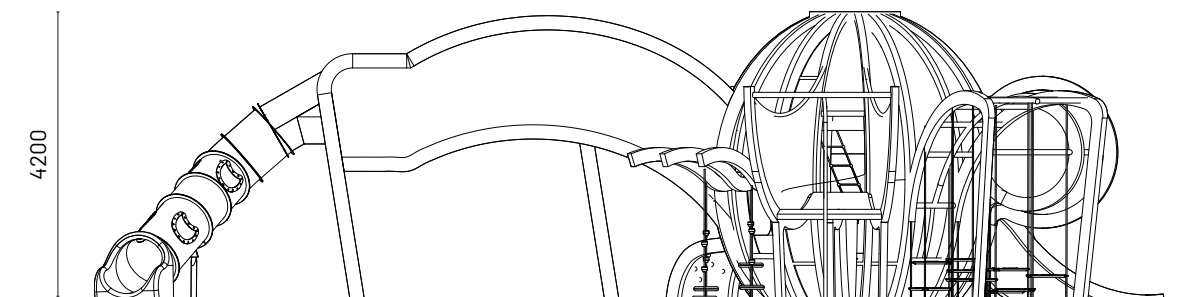
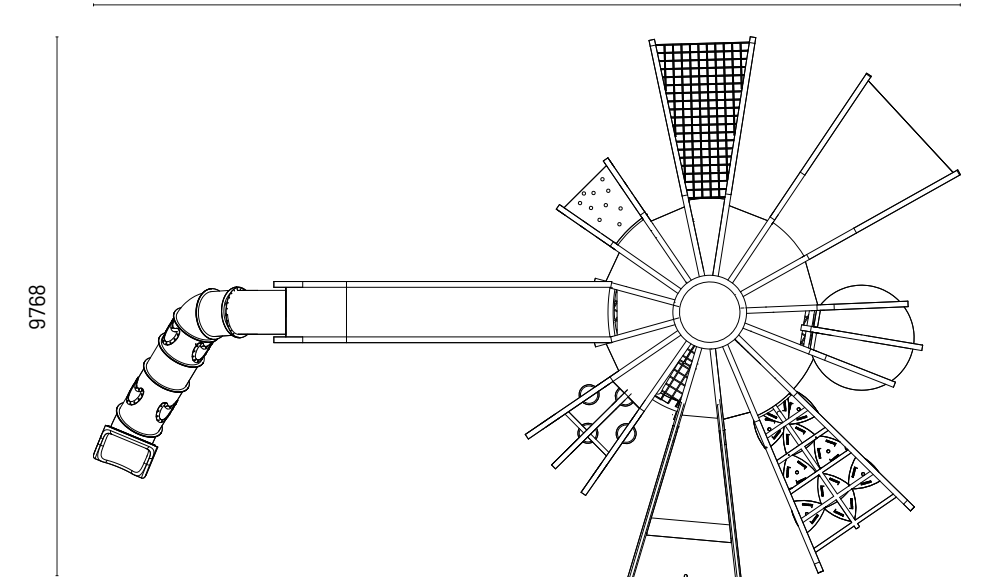
Balance



Crawl



15015



All measurements in mm

CV0100SM

FLYING BIRDS

Category
Thematic

Age Group
6-12 Years Old



Play Components

- Climbing Hammocks
- Netting Platforms
- Crawling Bridge
- Tube Slide
- Dynamic Rope
- Rung Ladder
- Hammock Swings
- Swing
- Lounging Hammocks

Play Activities



Climb



Slide



Swing



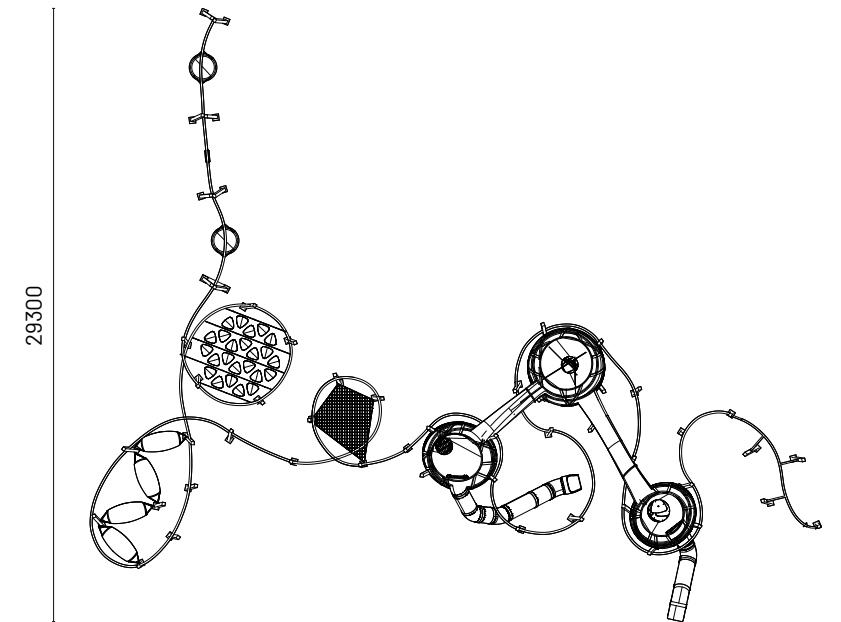
Crawl



Rock

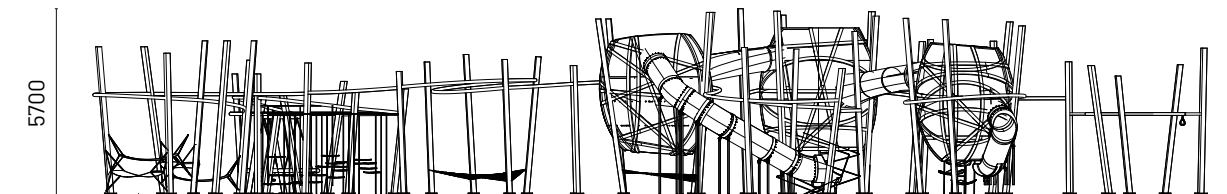


35000



Inspired by soaring avian creatures, the playground captures the essence of flying birds' beauty. It features elevated play zones and replicates the nests of aerial birds. The concept draws from the majesty of airborne species, crafting a distinctive area that reflects their world, while providing children with captivating play experiences.

All measurements in mm



CV0101SM

LANDBIRDS

Category
Thematic

Age Group
6-12 Years Old



Play Components

- Balancing Hammocks
- Netting Platforms
- Wobbly Bridge
- Tube Slide
- Dynamic Rope
- Rung Ladder
- Balancing Stilts
- Netting Bridge
- Fireman Pole
- Telescopes

Play Activities



Climb



Slide



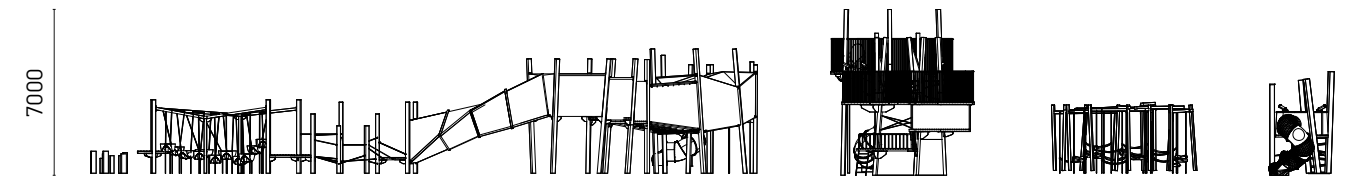
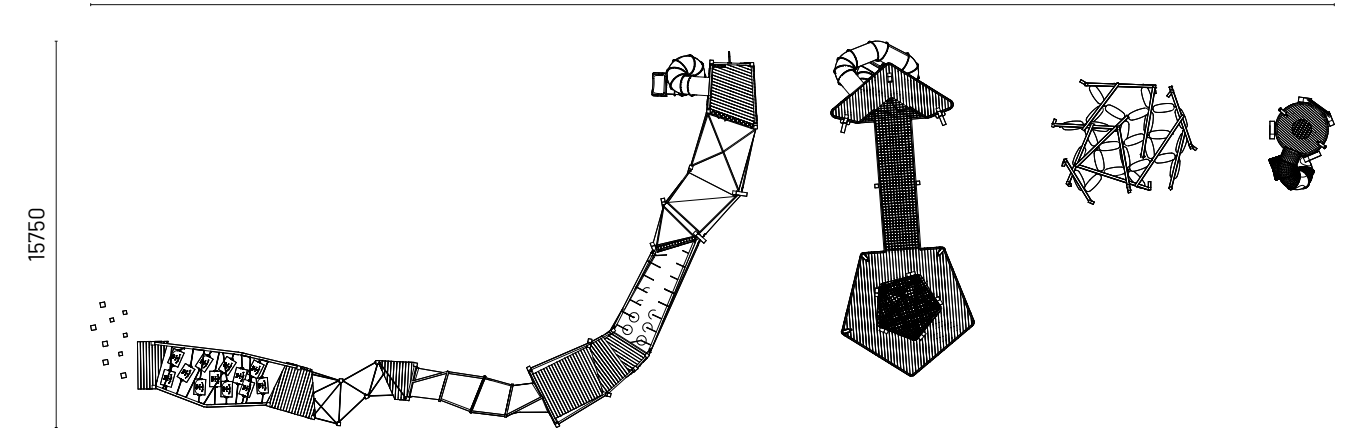
Balance



Sensory



57000



All measurements in mm



Derived from flightless birds, the playground is designed around Landbird aesthetics. It incorporates ground-level play areas and emulates the habitats of tree-dwelling birds. The playground's concept is influenced by non-flying avians, creating a unique space that mirrors their environment while offering engaging recreational opportunities for children.

ORIGAMI



The Art of Paper-Folding

This series of origami-inspired structures offers plenty of play and challenge for children. Nets, steps and climbing walls add vertically-oriented activities with slides to get them back on the ground. Little nooks & crannies add bits of fun surprises, like little hidden hammocks for them to rest on.

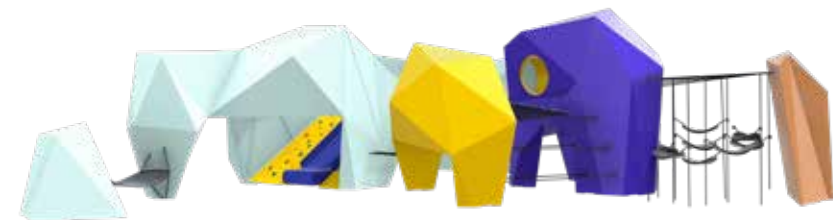
Origami, also known as the art of paper-folding, is itself filled with endless possibilities. Drawing on the inspiration from this craft allows us to create and explore different types of playground structures for children. The small number of basic origami folds can be combined in a variety of ways to make intricate designs. The play structures which use similarly abstract forms stimulate imagination while children are having fun.

ORIGAMI ROCK PLAY

CV0024SM

Category
Origami

Age Group
2-12 Years Old



This origami playground is named as such because it resembles a sheet of art paper folded into a crumpled rock sculpture. With distinct lines that look like paper folds, it is designed for climbing. Colourful climbing handholds dot the walls of the play structure.

A series of net and rubber hammocks are hidden within the folds for the kids to find and enjoy. The play sculpture also has a hidden slide for them to discover.

Play Components

- Giant Hammock
- Climbing Slope
- Wide Slide
- Play Deck
- Climbing Rope with Knots
- Rope Ladder
- Crawl Tunnel
- Netting Platforms
- Dynamic Rope Obstacles
- Climbing Hammocks
- Hideout

Play Activities



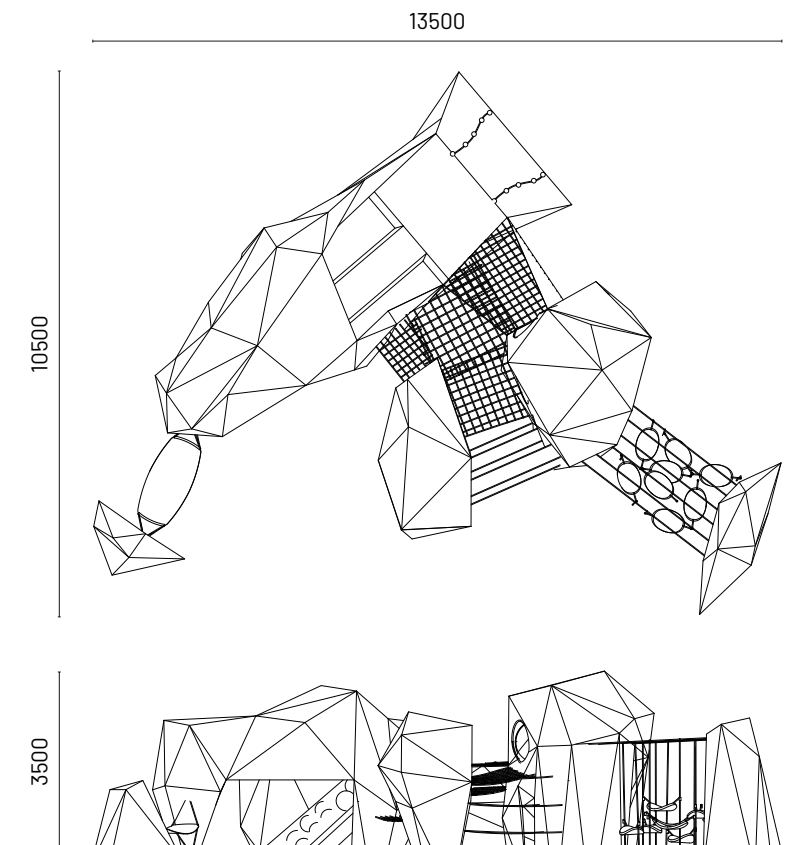
Climb



Rock



Slide



All measurements in mm

CV0021SM

VOUWEN

Category
Origami

Age Group
2-12 Years Old



Play Components

- Lounging Hammock
- Hammock Climb
- Netting Platform
- Fireman Pole
- Climbing Wall
- Open Slide

Play Activities



Climb



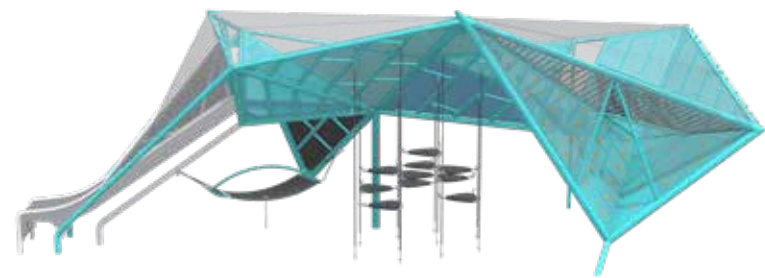
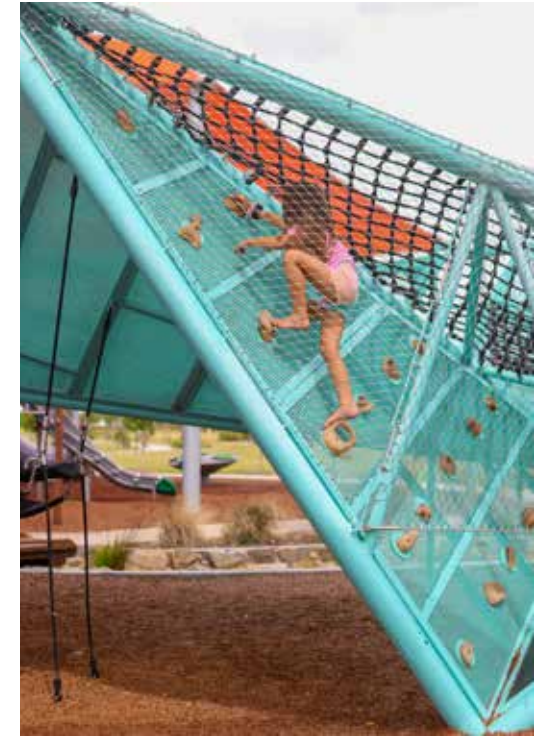
Crawl



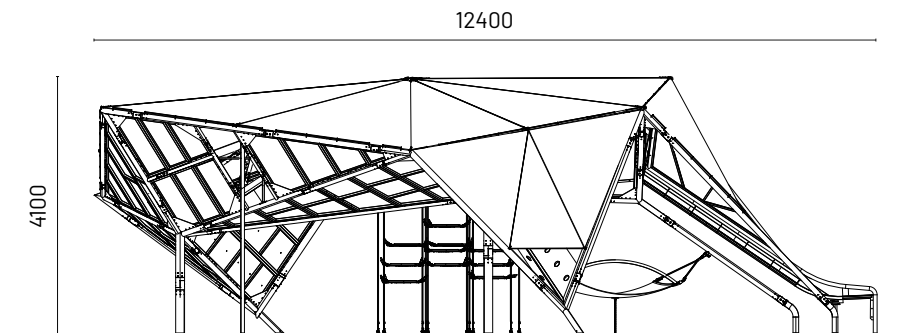
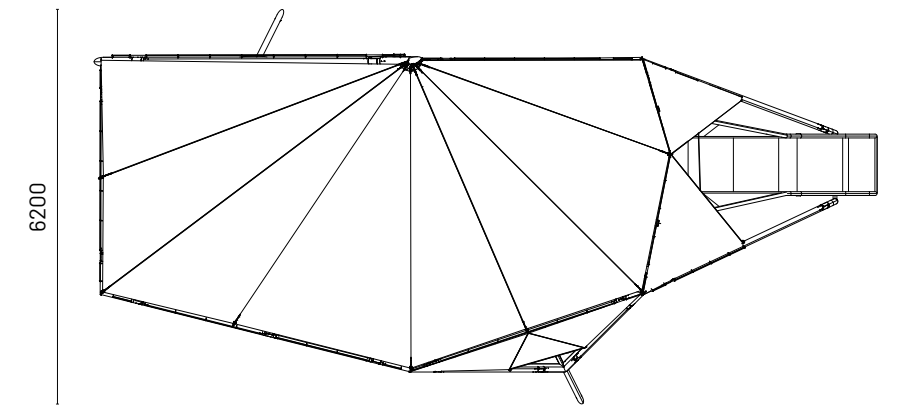
Balance



Slide



The concept behind the design is influenced by Origami Architecture, a technique that replicates architecture and landmarks in a three-dimensional form using folded and cutout paper on different scales. The structure is designed with the intention of providing enjoyable activities for children. Each wall of the origami-inspired structure is folded in a way that introduces diverse play elements. The unique shapes created by the tilted and folded walls help children and young adults develop spatial awareness. With options such as climbing nets, a hammock forest, and an open slide, children have a variety of play activities to enjoy with their friends.



All measurements in mm

CV0072SM

ROCK PLAY

Category
Origami

Age Group
2-12 Years Old



Play Components

- Hammock Seats
- Balancing Net
- Wobbly Bridge
- Hideout Spot
- Climbing Wall
- Whispering Dish

Play Activities



Climb



Crawl



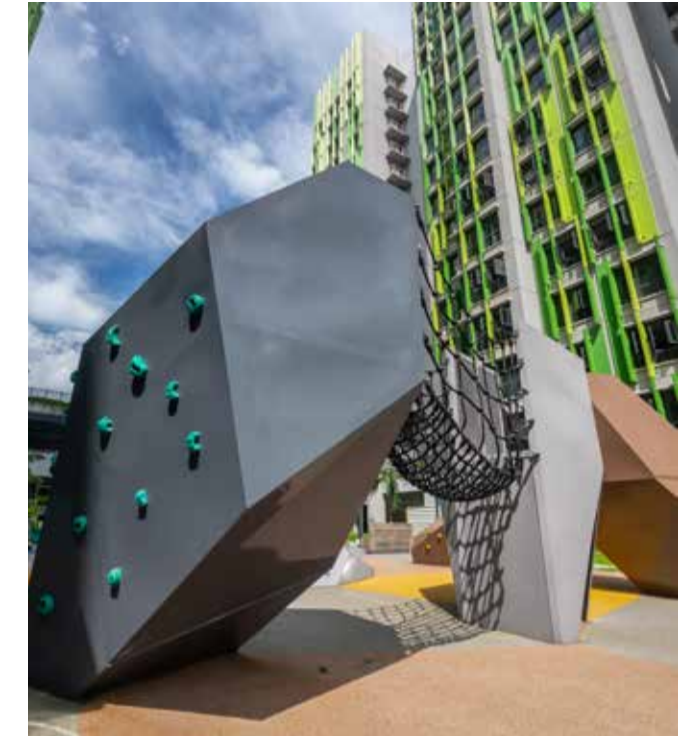
Balance



Sensory

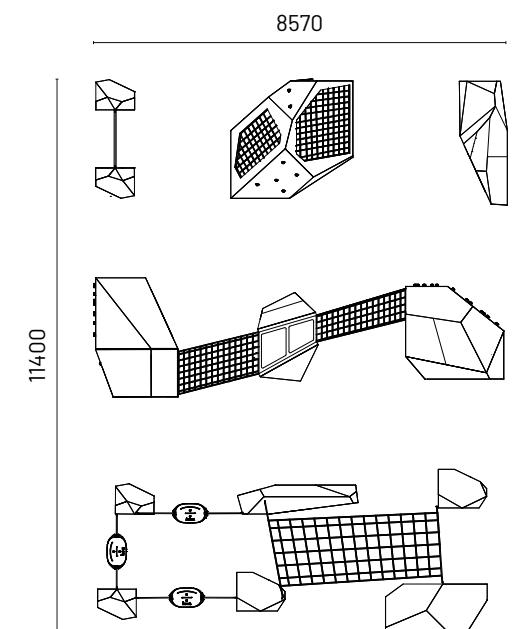
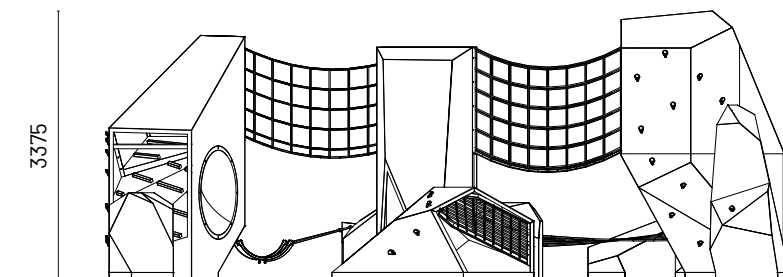


Socialise



The play features are deliberately shaped like natural rocks, showcasing big, uneven boulders for kids to investigate and enjoy. The design imitates nature's attributes, producing an absorbing and exciting play experience that inspires kids to interact with their environment.

All measurements in mm



CV0036SM

GORILLA



Category
Origami

Age Group
6-12 Years Old

Play Components

- Giant Hammocks
- Vertical Climber
- Climbing Hammocks
- Lookout Platform

Play Activities



Climb



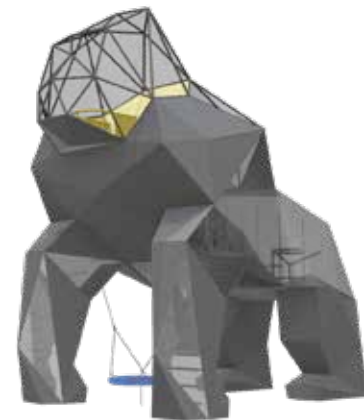
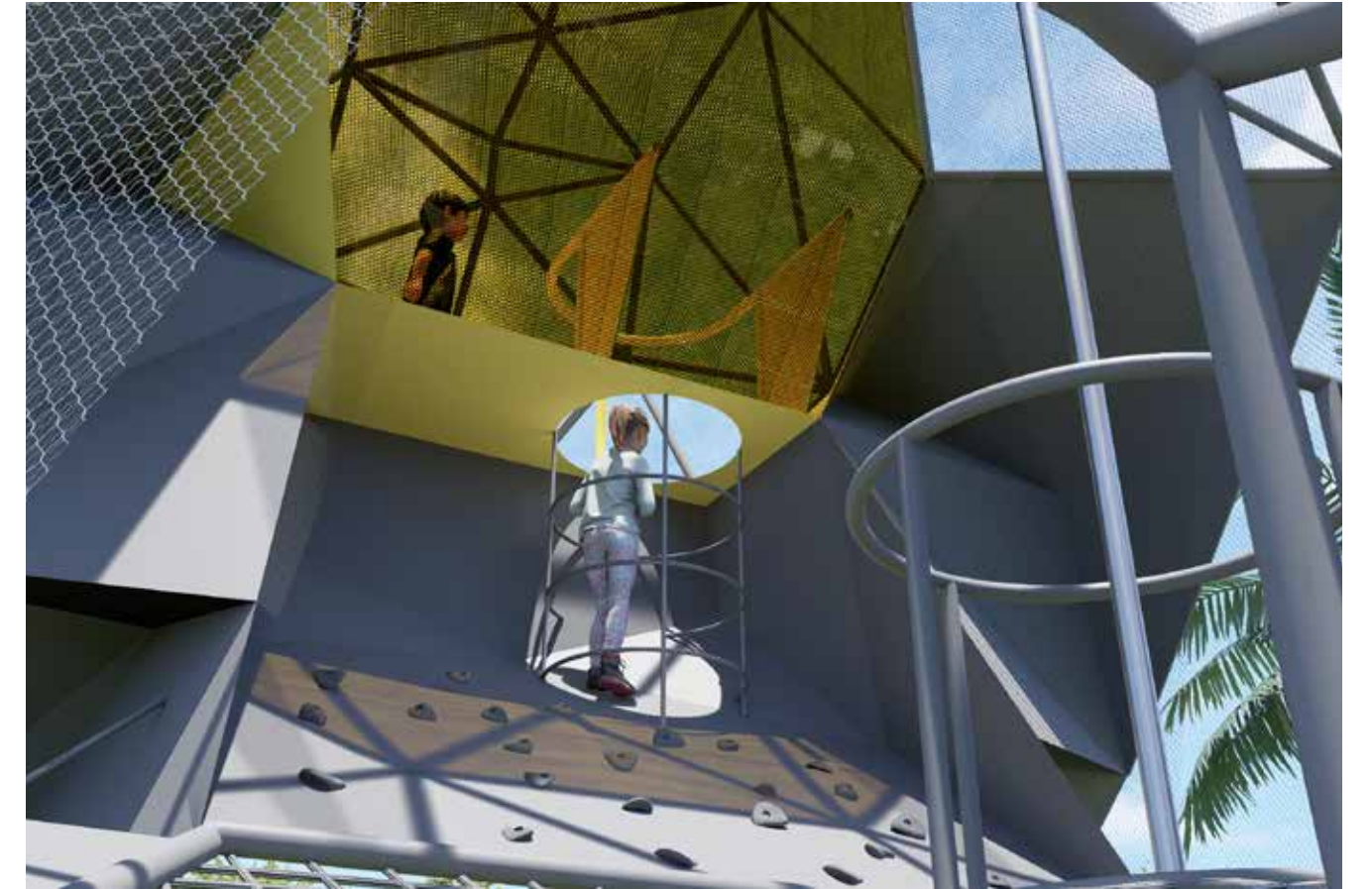
Rock



Balance



Sensory

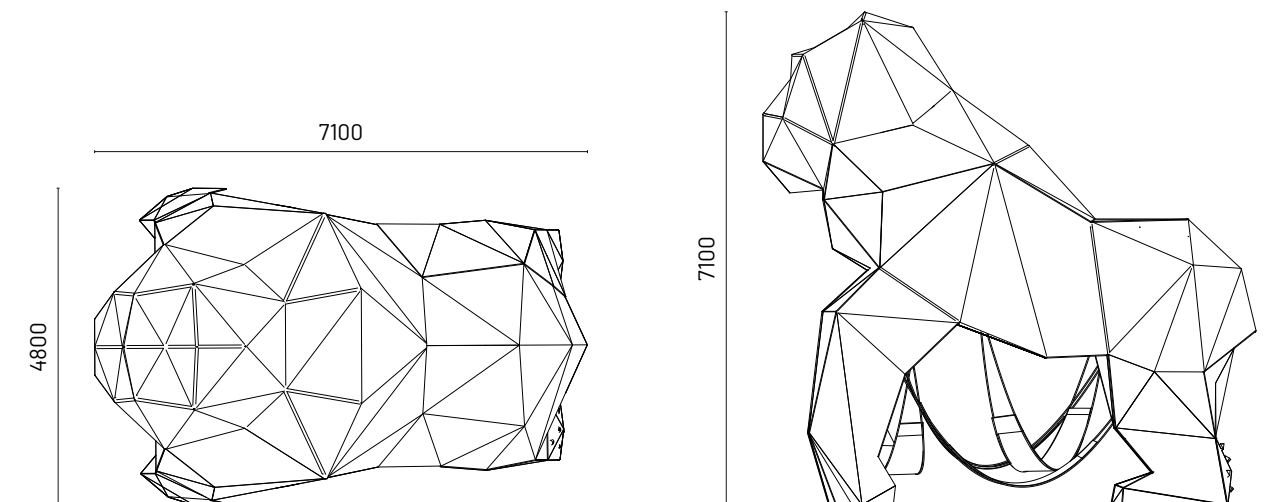


Dimensions

L7100 x H7100 x W4600

The tall and massive origami Gorilla can be seen from afar, enticing children to enter the play structure. Challenging play elements are incorporated in the Gorilla so that the children are able to have fun climbing, hiding and sliding down the slide.

All measurements in mm



All measurements in mm

CV0038SM

GIRAFFE

Category
Origami

Age Group
6-12 Years Old



Dimensions

L6000 x H5000 x W3000

Play Components

- Climbing Hammocks
- Dynamic Rope Obstacle
- Climbing Ropes with Knots
- Rung Ladder
- Interconnected Bridge
- Lookout Platform

Play Activities



Climb



Rock



Balance

This origami Giraffe structure consists of two giraffes interlinked by a bridge. Children will start climbing from the legs of the giraffes to the top of the head where they are able to slide down a fireman's pole or climb back down. All activities are designed to help develop their strength and endurance.

All measurements in mm

SM0125

ELEPHANT

Category
Origami

Age Group
6-12 Years Old



The origami Elephant is a gigantic play structure with lots of play elements in its body. The iconic trunk serves as a long and exhilarating slide. This play structure is made up of challenging activities and obstacles, helping children to develop their physical abilities and cognitive skills through play.

All measurements in mm

Play Activities



Climb



Socialise



Slide

Dimensions

L9000 x H4100 x W2400

Play Components

- Open Slide
- Vertical Climber
- Climbing Net
- Climbing Cleats
- Rung Ladder

NETS



A Fluid, Wavy and Organic Design

The Nets series allows children to climb up and down the netting to challenge themselves. Activities in these structures can also take place in groups, helping to foster positive social interaction.

CV0023SM

WHOOOSH

Category
Nets

Age Group
2-5 Years Old



Play Components

- Balancing Rope Bridge
- Netting Platform
- Climbing Net
- Hanging Ropes

Play Activities



Rock



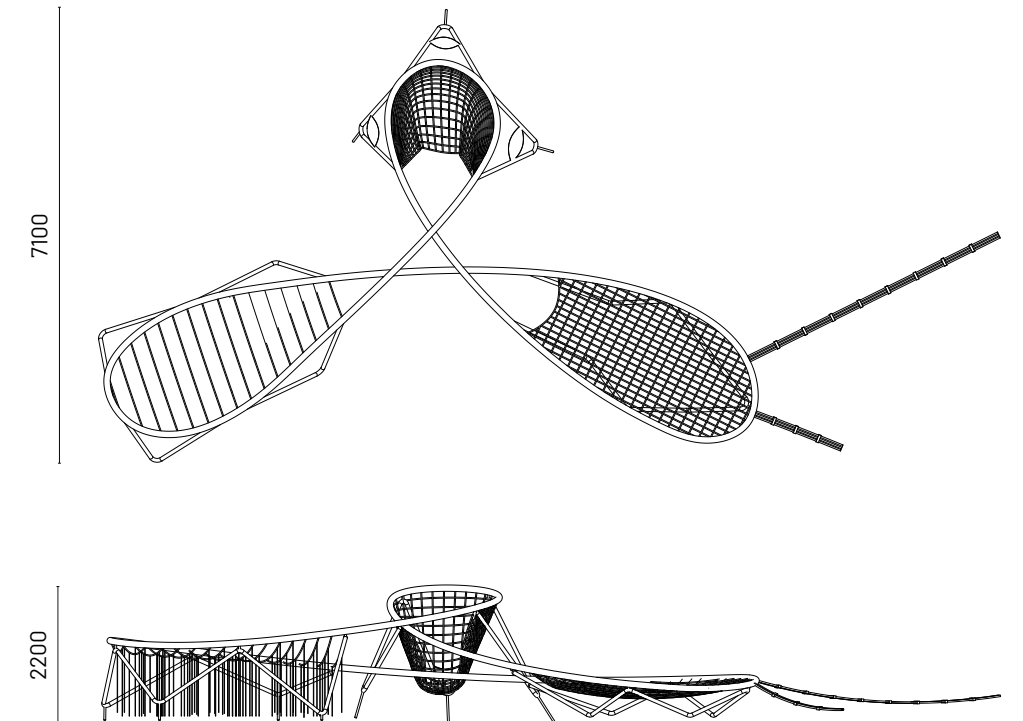
Balance



Climb



14000



Whoosh is designed with sleek and fluid characteristics within its three-dimensional netting. It offers children who climb, crawl or roll in it truly different perspectives and adventurous climbing experiences; developing confidence, motor skills and spatial awareness.

All measurements in mm

KINETICS



Creating a Talking Point for Any Development

The Kinetics series upholds the 'act & react' concept with interactive games, play structures and furniture. It encourages interactions between family members and friends, providing a place to meet, socialise and play.

MC100

MOON CYCLE

Category
Kinetics

Age Group
All Ages

Photo Location
Tropicana Metropark



Taking inspiration from the moon gate - a Chinese architectural garden gate, the Moon Cycle is a swing that offers a private space for social interaction. It provides a rocking sensation for users as long as they shift their weight back & forth, just like a garden swing.

People can gather and relax in an intimate, private space which is physically distinct from the surrounding environment. It's great for quiet, relaxing conversations or heart-to-heart talks.

Play Components

- Rocking Seats

Play Activities



Rock



Balance

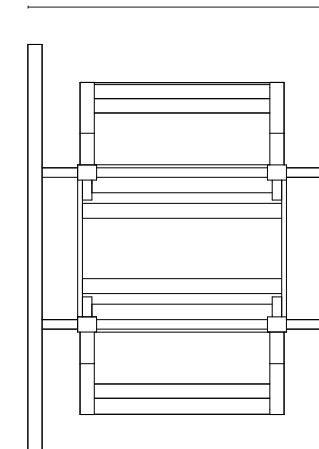


Swing

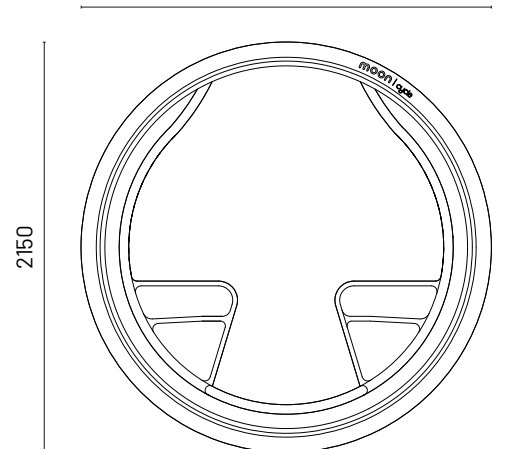


Colour options (from left): Forest, Bubble Gum, Sunburst

1625



2150



2150

All measurements in mm

KINETICS GAME CYCLE

KP500

Category
Kinetics

Age Group
6-12 Years Old



The Kinetics Game Cycle is a great way for kids to get a good workout without even realising it. The game is simple: players compete to complete three laps of the cycle as quickly as possible. To move the bike, players simply turn the handlebars.

The Kinetics Game Cycle improves cardiovascular health, strengthens muscles, and develops coordination. It is also a lot of fun! Kids can compete with each other or race against the clock.

Play Components

- Hand Crank

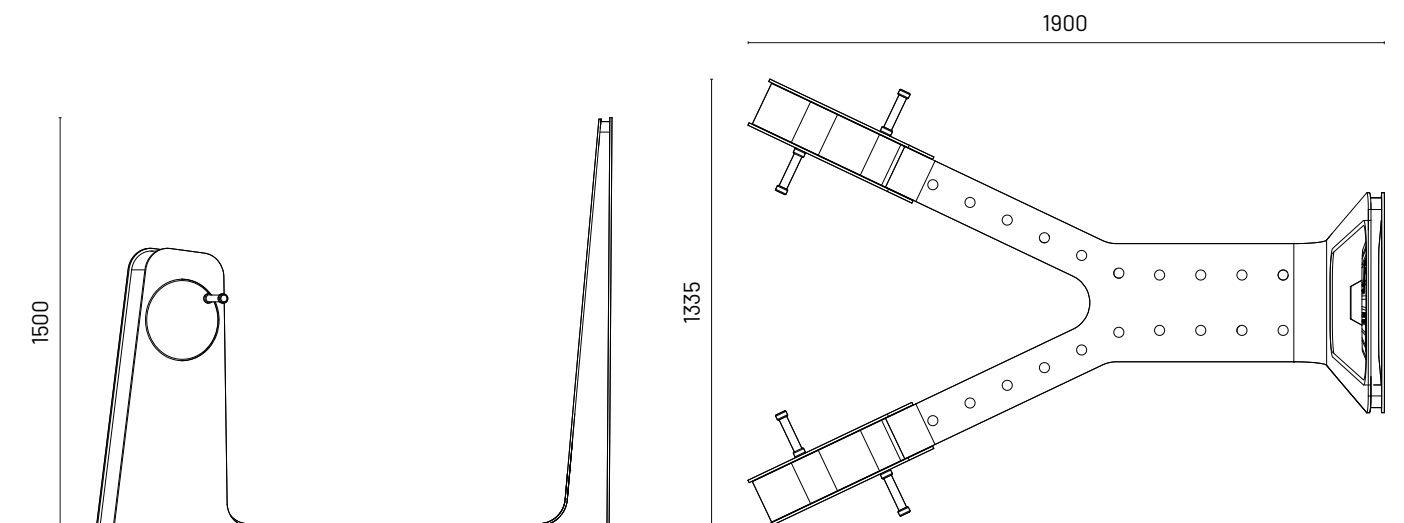
Play Activities



Socialise



Sensory



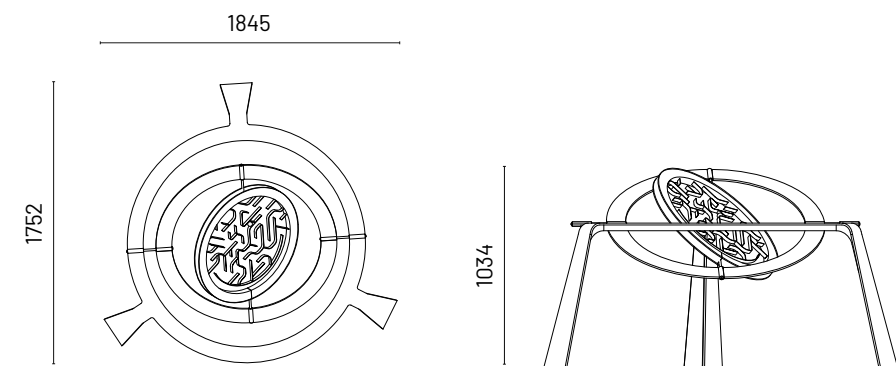
All measurements in mm

CV0025SS

COMPASS MAZE

Category
Kinetics

Age Group
2-12 Years Old



All measurements in mm

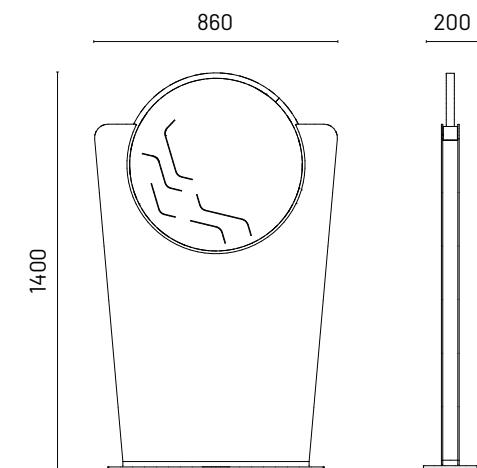
Children are bound to enjoy this maze as they work together to control the ball inside, navigating its way through the maze.

CV0026SS

WAVE CREATOR

Category
Kinetics

Age Group
2-12 Years Old



All measurements in mm

Users turn the panel and generate waves to create new landscapes when the rubber granules fall between the gaps. This activity creates interesting textures for children to marvel and experiment with.

SLIM SEAT FITNESS

Photo Location
Tropicana Metropark



Street Furniture with Exercise Elements

Sleek and minimalistic, the equipment in this series offer space-saving and simple yet intuitive platforms for users to get a good stretch and exercise.

The combination of wooden planks and metal pipes give off both a rustic and modern look, which makes this series timeless. Each piece of equipment is carefully designed to allow users to perform specific stretches and exercises.

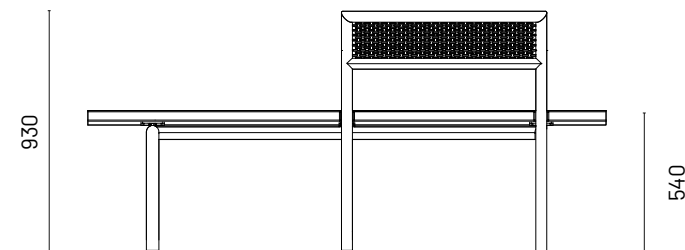
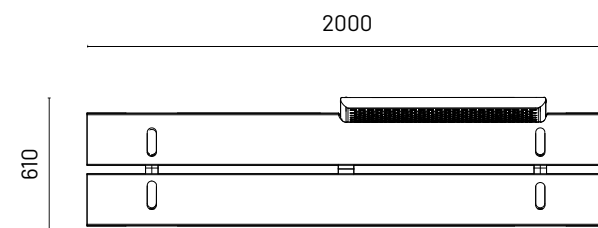
BACK STRETCH

WS0025



Category
Slim Seat Fitness

Photo Location
Tropicana Metropark



All measurements in mm

This seat is made up of long wooden planks and curved metal components. It is designed to allow users to stretch their backs in various ways and angles. Users can sit on the planks with their backs to the metal, sit sideways or even stand while holding on to the handles to get a good stretch all around the back.

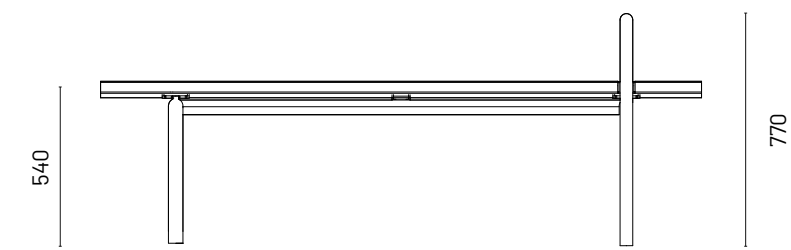
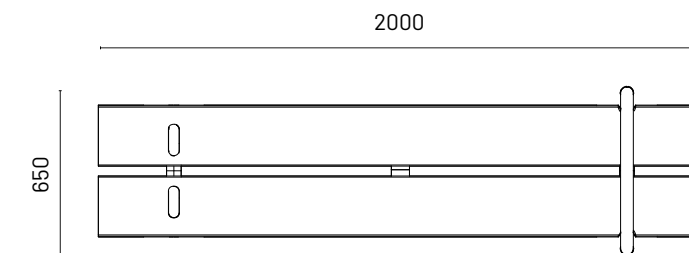


WS0026

FEET LOCK

Category
Slim Seat Fitness

Photo Location
Tropicana Metropark



All measurements in mm

With a simple, small overhanging arch at the edge of the planks, users are able to fit and lock their feet in place. They can then proceed to do exercises such as sit-ups to work their core muscles.

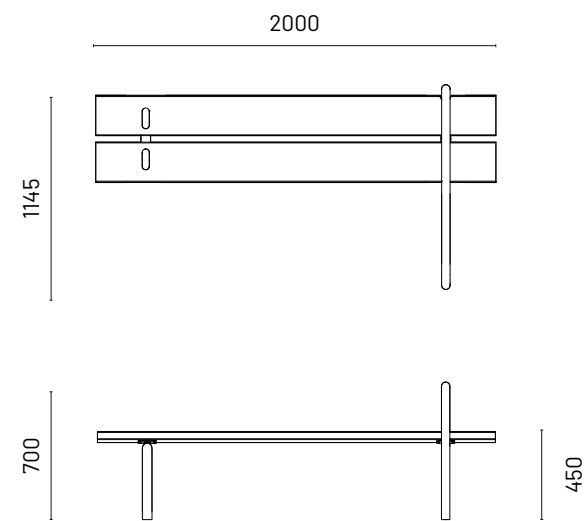
WS0027

FEET LOCK & STRETCH BAR



Category
Slim Seat Fitness

Photo Location
Tropicana Metropark



All measurements in mm

With a wider arch stretching beyond the width of the planks, this configuration brings about greater versatility to the types of exercises that users can do. While one user may do core exercises with their feet locked on one side, another user can hold on to the other side of the arch for a good stretch.

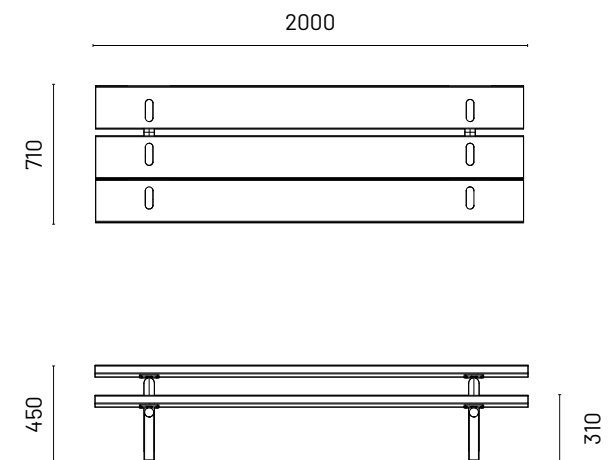


WS0028

STEP UP

Category
Slim Seat Fitness

Photo Location
Tropicana Metropark



All measurements in mm

The planks are placed at different heights for the users to step up and down. With this, users are able to get an aerobic workout while they work on their leg muscles and balance.

KINETICS FITNESS



Form Meets Function for Fitness

The Kinetics Fitness range of exercise equipment explores the interactive relationship between the motion of human bodies and its beneficial effects. Our products sculpt the human body through repeatable exercises that focus on smaller muscle groups.

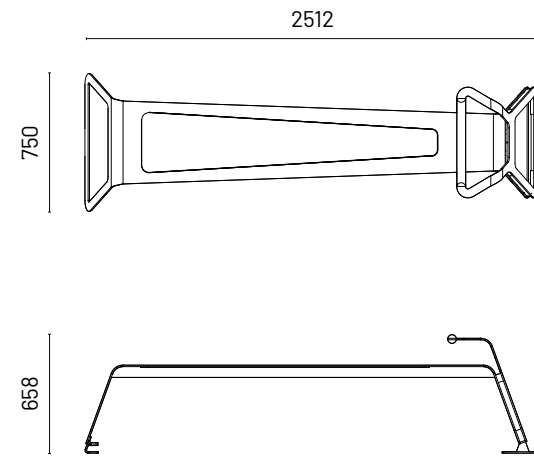
The Kinetics Fitness system focuses on endurance instead of strength, inspired by elements from Hatha Yoga, where physical endurance is balanced by flexibility.

FLAT BENCH

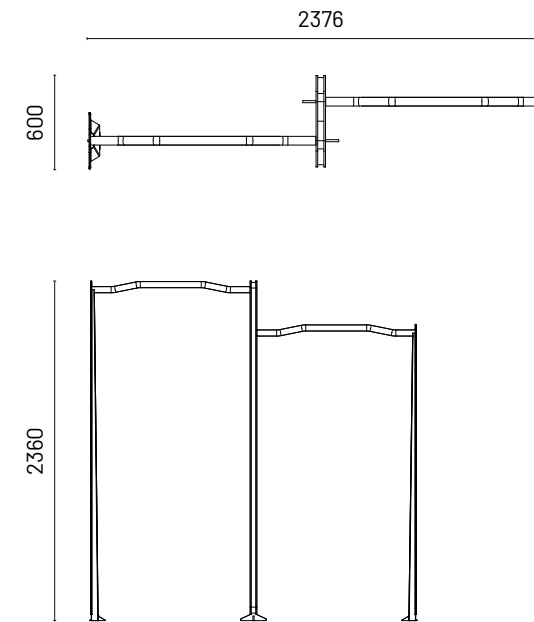
BL100



The sit-up bench involves exercises that strengthen hip flexors and abdominal muscles, as well as the quadratus lumborum muscle. A sit-up squeezes your abdomen and stretches your back.



All measurements in mm



All measurements in mm



Chin-ups train your upper body strength, especially the latissimus dorsi muscles and biceps. A chin-up extends the shoulders and flexes the elbows, and is coordinated in relation to your chin.

CHIN-UP BARS

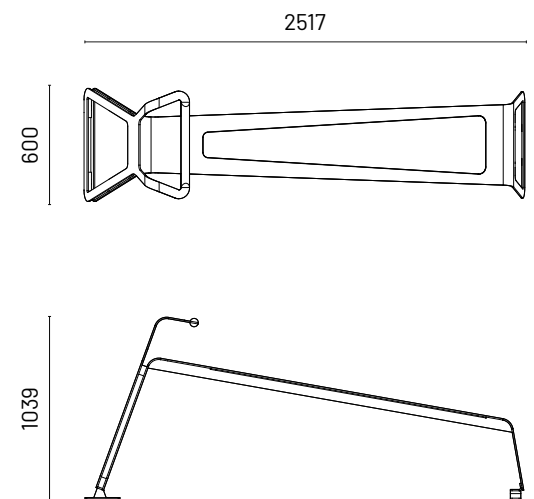
BL300

INCLINED BENCH

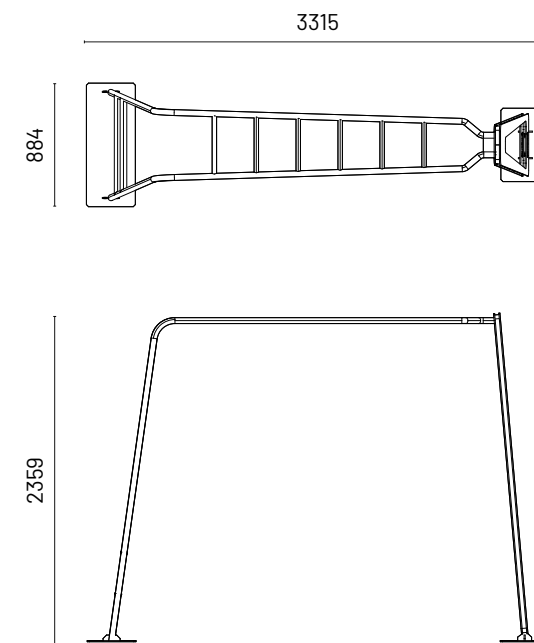
BL200



Unlike a full sit-up, a body curl isolates your lower abdominal muscles and focuses primarily on strengthening the rectus abdominis muscle for greater endurance.



All measurements in mm



All measurements in mm



Hang ladder builds upper body strength and coordination as well as arm flexibility through a variety of exercises such as pull-ups, dips and hanging leg raises.

HANG LADDER

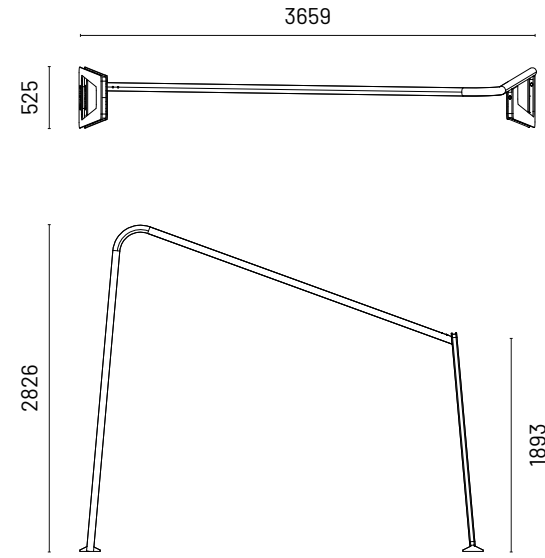
BL400

JUMP TOUCH BEAM

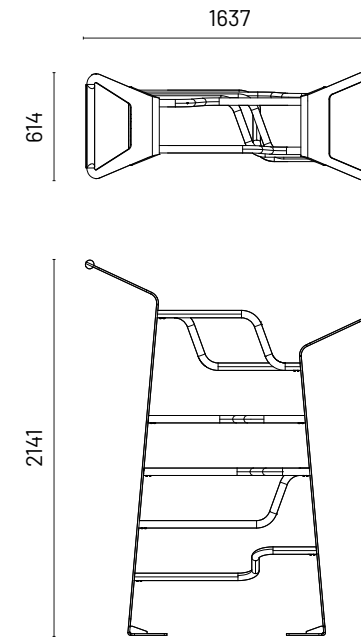
BL500



When used in combination with exercises such as jump squats, touch beam improves vertical leaping abilities by training muscle power, agility and hand-eye coordination.



All measurements in mm



All measurements in mm



A 3-in-1 product to train muscles in the lower part of the body to improve flexibility and strength.

FITNESS LADDER

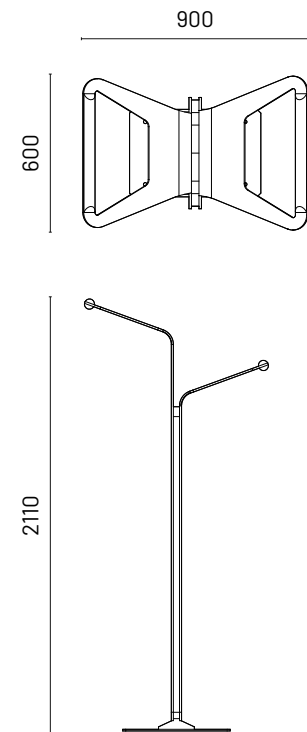
BL700

KNEE LIFT HIGH BAR

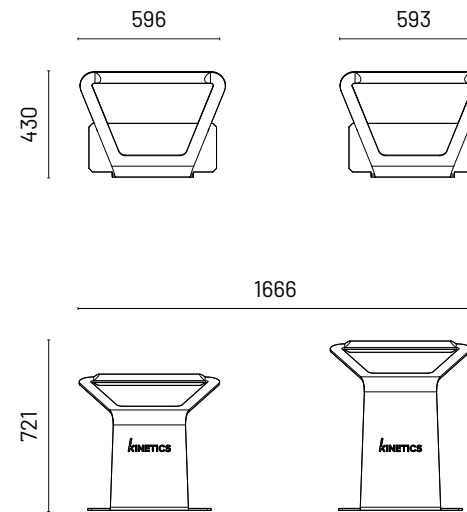
BL600



Train your abdominal muscles and various lower leg muscles. A knee lift flexes and bends your knees, hence strengthens your core. Pre-workout knee raises improve joint flexibility and warm up muscles.



All measurements in mm



All measurements in mm



Ideal for pre and post-workout stretching, leg stretch exercises target the hip flexor, calves, hamstrings, thighs and quadriceps. These exercises reduce the risk of injury and relieve muscle soreness.

LEG STRETCH SUPPORT

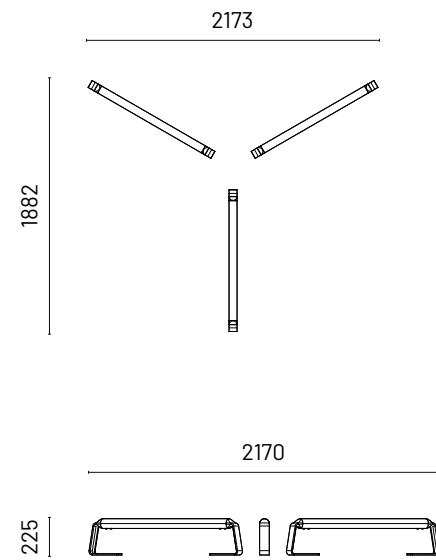
BL800

LOG HOP BEAMS

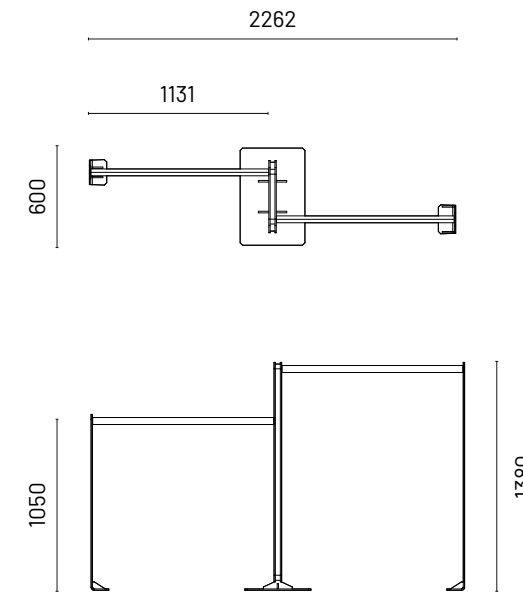
BL900



Log Hop Beams help to train major muscles of the lower body, and also improves balance and agility. This is a great cardiovascular workout that challenges the body's reflexes.



All measurements in mm



All measurements in mm

SPRING-UP BARS

BL1100



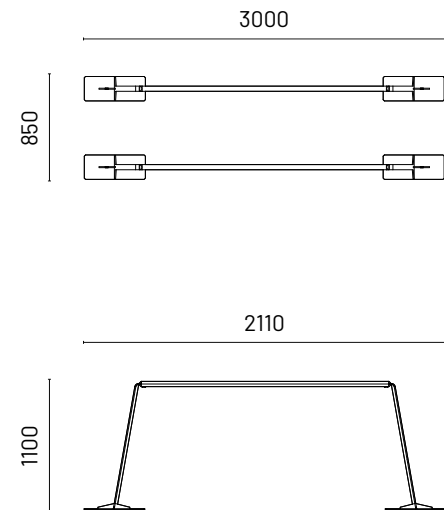
Build your upper body strength and train your coordination as well as agility with these spring-up bars at different heights. Advanced exercises on spring-up bars include hanging, curl-ups and inverted push-ups.

PARALLEL BARS

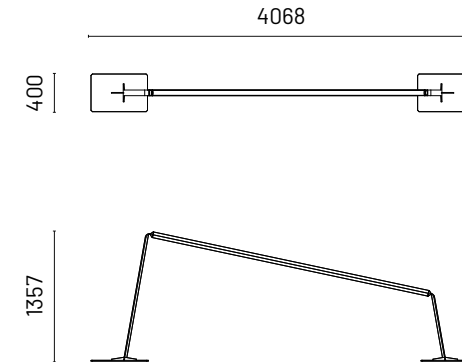
BL1000



Parallel Bars are great for working out the triceps, chest and shoulders, especially the anterior deltoids. Consistent training will result in greater upper body strength and flexibility.



All measurements in mm



All measurements in mm

BL1300

VAULT BAR



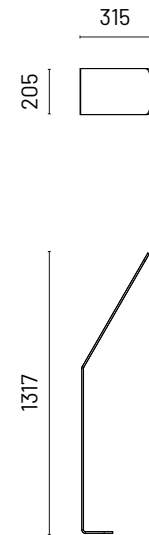
A vault bar helps build upper arm strength while testing your agility and stamina through a series of vertical or side leaps over the bar. Varying heights accommodate different exercise intensities.

INSTRUCTIONAL SIGNAGE STAND

BL003



Kinetics Signage provides information for users exercising on the fitness equipment. Up to a maximum of three instruction plates per signage.



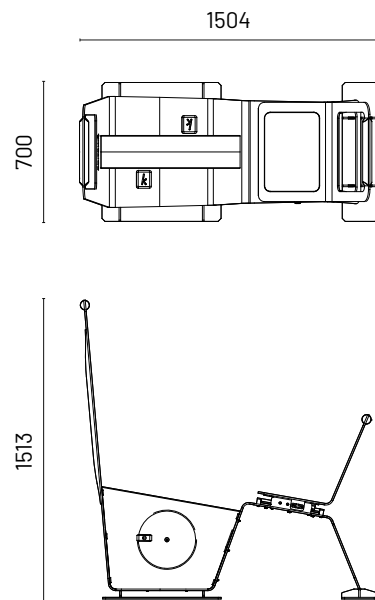
All measurements in mm

BL1500

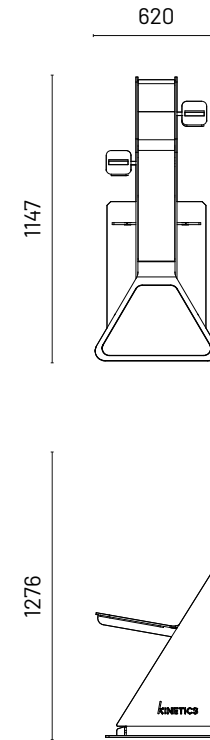
LEG CYCLE



Leg Cycle provides a combination of standing and sitting cycling exercises. Its magnetic resistance provides a good cardio workout when the user pedals faster.



All measurements in mm



All measurements in mm

BL1600

ARM CYCLE



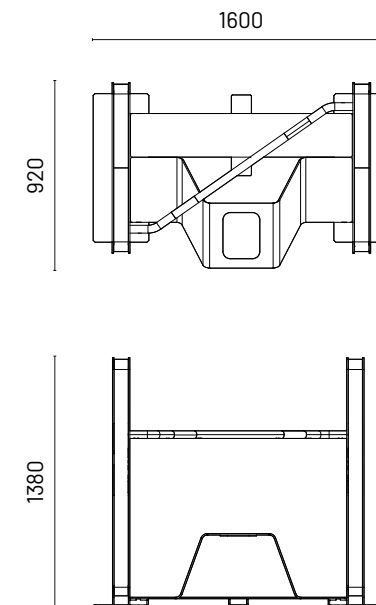
Arm Cycle provides a combination of standing and sitting cycling exercises. The slanted form of the Arm Cycle makes it accessible for the disabled and wheelchair users. Its magnetic resistance provides a cardio workout when the user cycles harder.

BL1700

ROWNETIC



Designed to be wheelchair user friendly, Rownetic's rotating motion is designed to mimic the motion of kayaking. It helps the user to strengthen and tone the arms while sitting down. Its magnetic resistance gradually increases when the user increases the speed and duration of the exercise. Rownetic paddle handles come with flexible mounting and synchronised wheels, bringing a new dimension to the outdoor equipment regime.



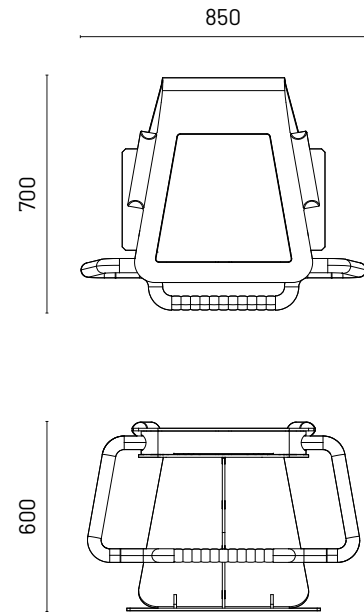
All measurements in mm

BL1800

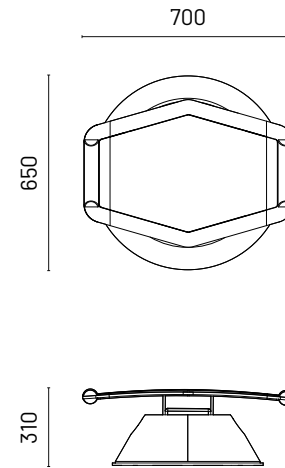
LEG LIFT



Leg Lift strengthens leg muscles as the user lifts the bar up and down. The side hand grips provide stability and support, ensuring that the user maintains balance when using the equipment.



All measurements in mm



All measurements in mm

BL2000

BALL BOARD



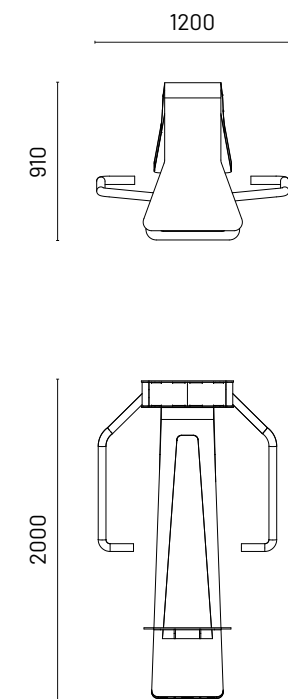
The Ball Board strengthens the core muscles and helps improve balance. It is the first of its kind to provide balancing exercises and gym exercises to the outdoor environment while remaining fixed to the ground.

BL1900

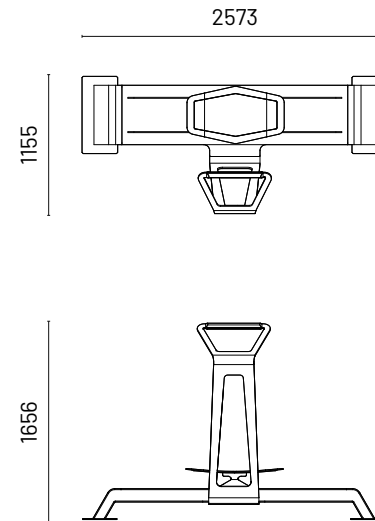
SEATED CHEST PRESS



Seated Chest Press is designed to be one of the best chest exercises to train upper body strength targeting the pectorals, deltoids and triceps. It helps build muscle tissue and strength from an upright position. Apart from the ergonomic design, there is a built-in mechanism allowing for adjustable strength and intensity to cater for public usage.



All measurements in mm



All measurements in mm

BL2100

SKINETIC



Skinetic is used as a cardio workout in addition to improving the core. The user pushes the board to one side and begins moving side to side with hands on the bar as support. Skinetic is a new agility exercise for the outdoors.

FITNESS COMBINATION SETS

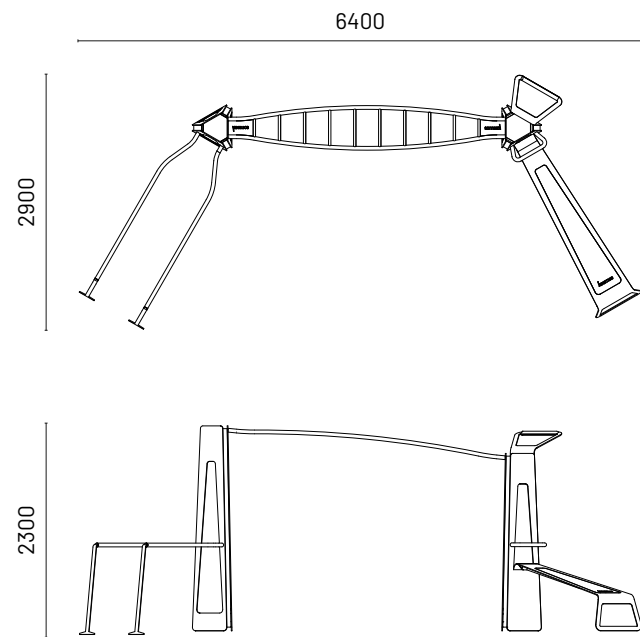
Fitness Combination Sets offer added value through combinations and additions to the Kinetics Fitness range of equipment.

4-IN-1 FITNESS

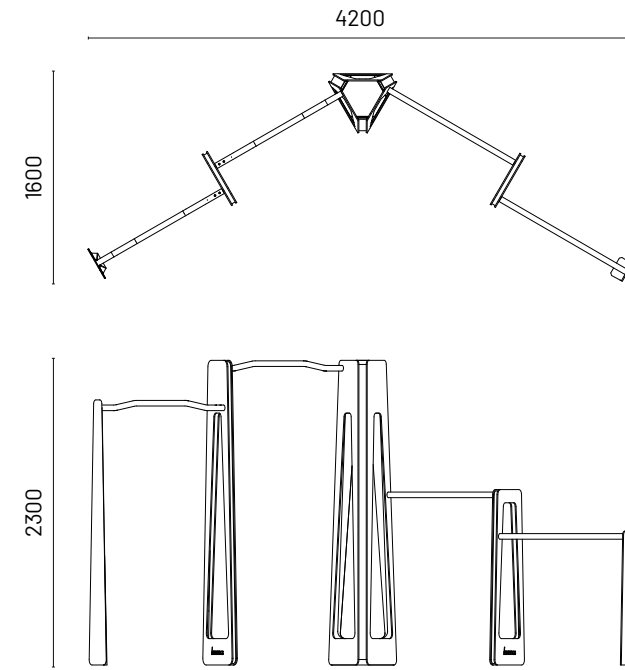
BL3030



Strengthening of the upper body is the main focus of this combination set. It tones upper body muscles and as well as the core, improving stability.



All measurements in mm



All measurements in mm



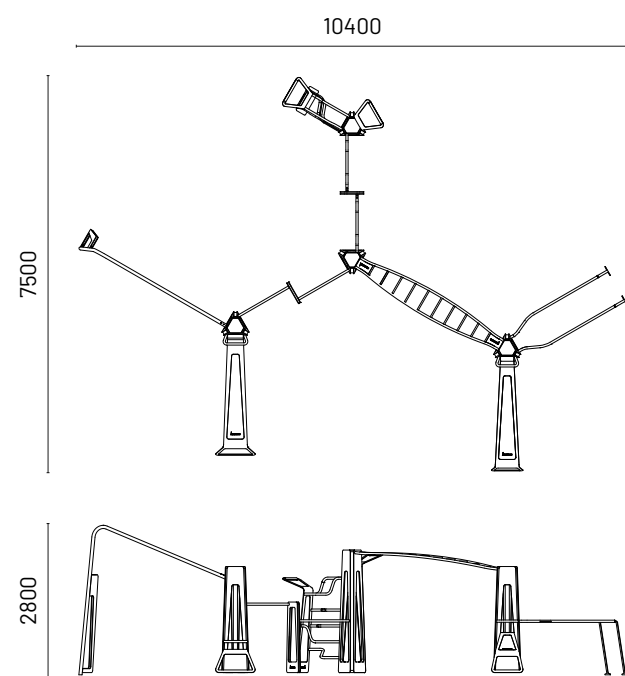
This combination set allows the user to do consecutive chin-ups and spring-ups in one equipment configuration.

ULTIMATE FITNESS

BL3140



As the name suggests, this all-in-one, cohesive structure gives users the ultimate fitness experience. It covers many fitness equipment from bars to benches. Ultimate Fitness provides a good platform for users to engage different muscle groups and to get a comprehensive exercise within one space.



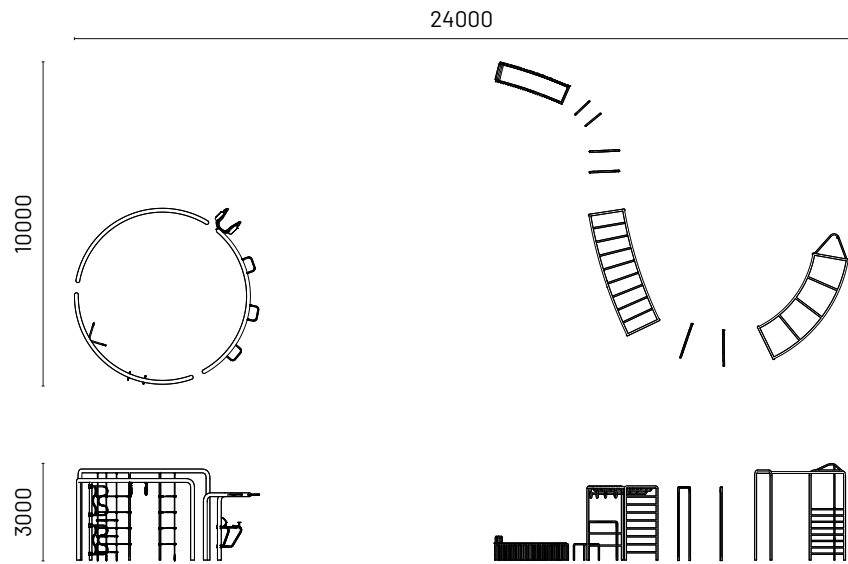
All measurements in mm

CF SERIES

CIRCULAR FITNESS



Category
Circular Fitness

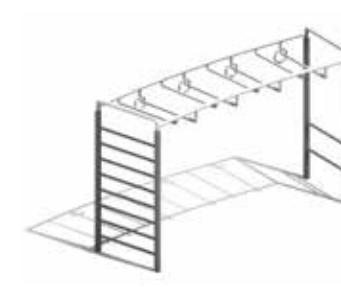


All measurements in mm

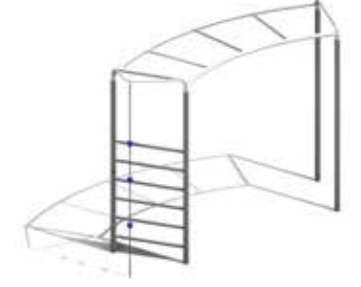
Circular Fitness provides compact fitness solutions with diverse, intense workouts tailored for impactful results, suitable for athletes. It accommodates casual users, sports enthusiasts, and the disabled, meeting daily exercise needs. Ideal for active lifestyles, it enables upper body training, strength building, endurance, and fulfills daily workout requirements.



CF100
Circular Training Station
L3980 x H2330 x W3980



CF200
Transverse Climbing Bars
L4000 x H2430 x W1300



CF300
Monkey Bars & Fitness Rope
L4290 x H3120 x W1500



CF400
Stretching Station
L980 x H2280 x W450



CF500
Pull Up Rings
L980 x H2280 x W230



CF600
Parallel Bars
L1170 x H2400 x W710



CF700
Dip Bars
L980 x H1330 x W710



CF800
Push Up Bars
L620 x H620 x W560



CF900
Jump Bars
L540 x H480 x W400



CF1000
Fitness Bench
L2240 x H760 x W710

All measurements in mm

MATERIAL SPECIFICATIONS



HOT DIP GALVANISING

Metal components, post-welding, undergo a hot-dip galvanizing process for anti-corrosion purposes. The galvanized coating, meeting EN ISO 1461 standards, boasts a minimum thickness of 70 microns. This application not only prevents corrosion but also ensures long-lasting protection, promoting structural integrity in challenging conditions.



POWDER COATING

Applying an impact-resistant powder coating adhering to the RAL color standard, a protective layer of at least 70 microns is added to the metal surface. This coating effectively shields metal components from UV damage, ensuring prolonged durability and resilience in diverse environmental settings.



STAINLESS STEEL SLIDE

The Kinetics stainless steel slide is crafted from SUS304 with a 2mm wall thickness, featuring a sleek hairline finish. To ensure safety compliance, the slide maintains a minimum internal diameter of 766mm, meeting the required standards for secure and enjoyable recreational use.



PLASTIC SLIDE

The slide is made from UV-stabilised polyethylene, ensuring durability with a minimum 7mm wall thickness. Adhering to safety standards, the slide maintains a minimum internal diameter of 766mm, providing a secure and enjoyable experience for users while meeting safety regulations.



EPDM MAT

Kinetics' EPDM mats boast a minimum thickness of 4mm, ensuring a substantial cushioning layer. With a minimum density of 1300kg/m³, these mats deliver both resilience and durability, making them an ideal choice for effective impact absorption and long-lasting performance.



WOODEN COMPONENTS

Kinetics primarily utilises locally sourced tropical hardwood such as Chengal, Balau, Kempas, or Meranti. To enhance safety, all accessible wooden parts undergo a rounding process, ensuring a minimum 3mm radius to eliminate sharp edges. The finishing touch involves applying a protective coating with a total of three layers for added durability and aesthetic appeal.



ARMED ROPE

The 16mm diameter rope is equipped with galvanised six-stranded steel wires and a fibre core. To enhance durability and thwart vandalism, the rope is tightly wrapped with braided polyester (PE), fortifying it against potential damage or tampering.



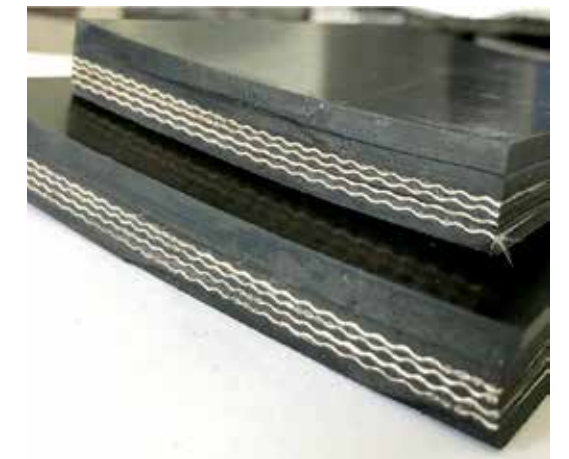
EXPANDED METAL

The expanded metal openings adhere to safety standards, featuring standard dimensions of 13mm x 30mm, a 4.5mm strand width, and a 2.5mm thickness. The mesh undergoes hot-dipped galvanisation and is further powder-coated in accordance with the RAL colour standard, ensuring both durability and compliance with safety regulations.



SAFETY MESH

The Kinetics safety mesh net is crafted from SUS316 wire, exhibiting a 2.0mm diameter and a maximum aperture of 30mm x 30mm. This design ensures optimal safety by providing a sturdy barrier, meeting stringent standards for reliable protection in various applications.



RUBBER MEMBRANE

The Kinetics rubber membrane, with its 11mm thickness and 4-ply cloth insertion, offers a combination of sturdiness and flexibility ideal for platform use and as a material choice for play elements. This specification ensures durability while maintaining the necessary flexibility for various recreational activities.

SAFETY AND WARRANTY

SAFETY

Kinetics uses materials that are strong, reliable and built for heavy use in any outdoor environment.

Kinetics is certified according to standard EN16630 and EN1176. These standards describe (mechanical) requirements for safety and inspection applicable for exercise equipment, gym equipment and treadmills.

It is also compliant to Singapore Standard 534 for Outdoor Fitness Equipment.

SCOPE OF WARRANTY

The limited warranty terms and conditions apply to manufacturing defects in products and components manufactured by Kinetics Play Sdn Bhd (Kinetics Play). This limited warranty does not cover any damage and deterioration resulting from non-compliance in installation, improper use, vandalism, normal wear and tear, natural colour fading over time or other acts of nature. It is only valid with installations more than 2km away from the coast.

WARRANTY PERIOD

10 Years

- Hot Dipped Galvanised and powder coated metal structures
- Aluminium structures
- HDPE and HPL panels

5 Years

- Steel reinforced nets and ropes
- Stainless steel bolts and nuts
- Spiral spring
- UV-stabilisation coating

3 Years

- Rubber and rubber coated parts
- Polyurethane parts
- Concrete coating items

2 Years

- Moveable parts
- Stainless steel wire mesh
- All other parts

The warranty period starts when Kinetics Play delivers the products from the factory. We take no responsibility for any damage caused during transit. The damage caused during transit should be stated in the delivery order and are to be borne by the insurance company.

Replacement components are shipped at client's expense, and will be guaranteed for the remainder of the product warranty period or ninety (90) days from date of shipment from factory, whichever is greater. Damaged components are to be returned to Kinetics Play at client's expenses if so requested.

DESIGN

We continue to make product improvements and reserve the right to change design specifications without prior notice.

*k*KINETICS_{play}

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