TMP-US-5186I

Inclusive Arya 3 Towers with Ramp

Challenge Structure Model Aria I - Robinia Wood

:Steel

:Rope Cables

:Robinia Wood

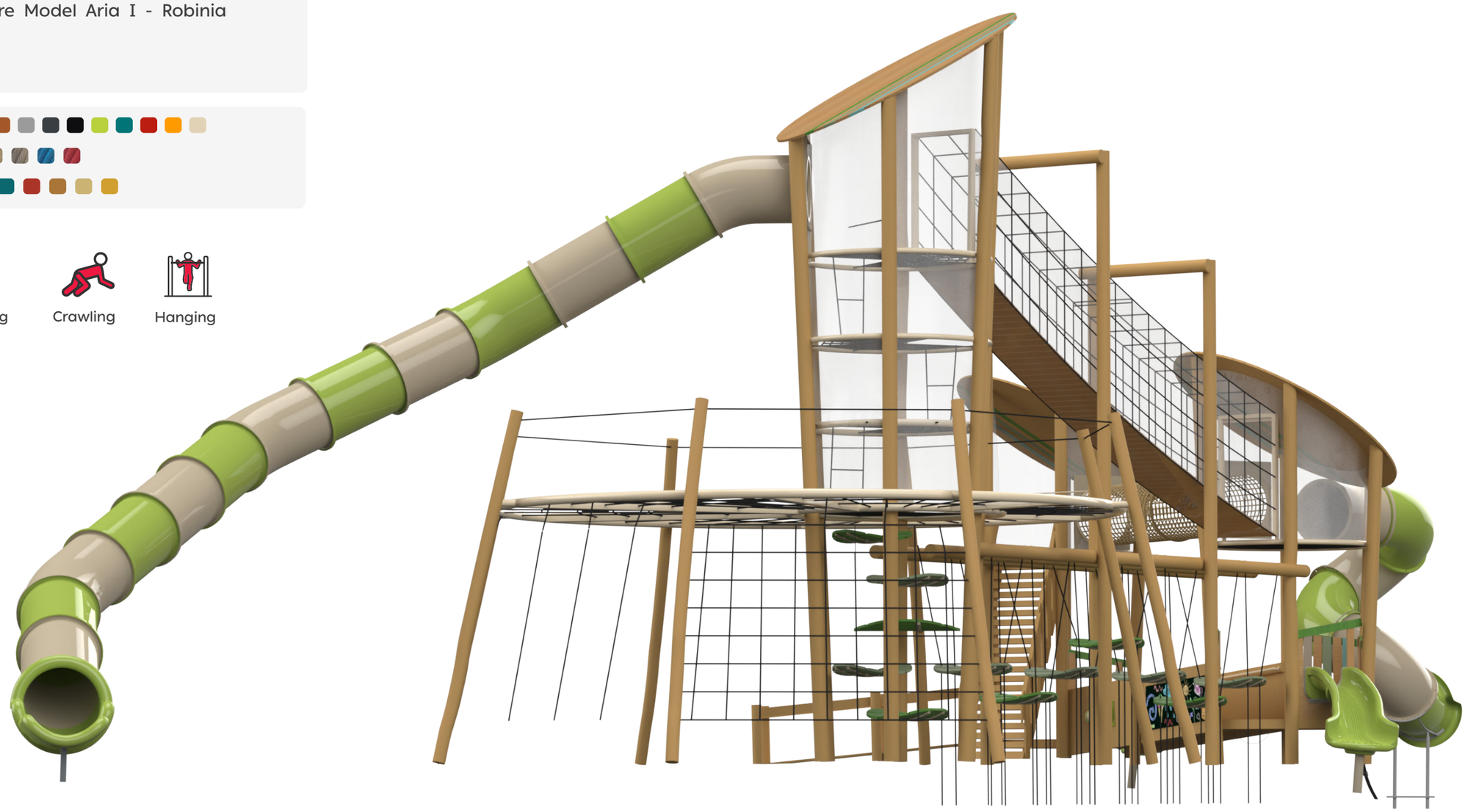
Balancing

Climbing

Crawling

Hanging

Sliding



Ages 2-12

Users 279

Dimensions L: 1044" W: 501" H: 335" | L: 2793 W: 1420 H: 845" cm

Safety Zone: 105'-0.1" / 60'-9" | 3200 / 1851 cm

Fall Height 9'-5.1" | 290 cm

Accessible

This integrated play structure is crafted from natural robinia wood and stainless steel, and features three towers of varying heights connected by suspended bridges and climbing nets, creating a rich and adventurous play route. Its smooth, flowing design establishes an open, inviting, and highly dynamic experience, offering multiple access paths and levels of challenge tailored to each child's abilities and curiosity.

From the play towers extend long slides, some incorporating transparent sections that amplify the sensation of height, speed, and movement.

One side of the structure includes a wide, accessible ramp leading to the main play level, ensuring full access for wheelchair users and accompanying caregivers. Adjacent to it is a low, straight, and comfortable toddler slide, specifically designed to support safe and independent play for younger children.

On the opposite side, an innovative stainless-steel challenge ring encircles one of the towers, offering a continuous circular climbing route. This elevated loop enables uninterrupted movement at varying heights, while enhancing balance, strengthening core muscles, and developing upper-body strength.

The structure as a whole encourages imagination, initiative, and physical activity, fostering strength, coordination, and social interaction through a space designed for curiosity, exploration, and spatial awareness.



Robinia Wood

European Robinia wood is natural, robust, and durable, particularly suitable for use in outdoor playground equipment. It complies with stringent standards such as FSC, has a smooth and pleasant touch, a natural and authentic appearance, and integrates well with natural surroundings. Its high durability, long lifespan, and being a natural and safe material make it a popular choice for use in playground equipment.



Steel

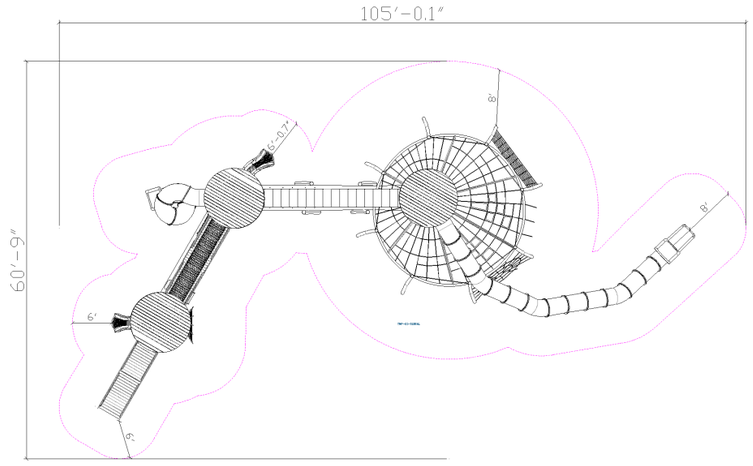
Steel structure that is strong and durable, oven-painted galvanized and coated with lead-free polyester powder for corrosion and rust resistance. It meets strict playground equipment standards such as ASTM A240 and EN 10088, ensuring high quality and safety. The steel is anti-vandalistic, requires minimal maintenance, and is fully recyclable. The high-quality paint ensures weather resistance and maintains a new appearance over time.

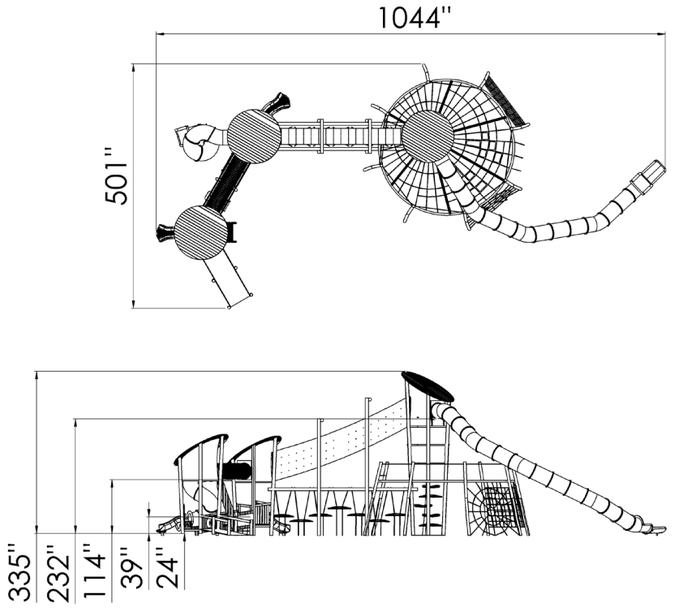


Rope Cables

Rope Cables are made of synthetic polypropylene (PP) fibers combined with a galvanized steel core for improved strength and durability. They meet strict standards, such as ASTM A240 and EN 10088, ensuring durability and safety for use in playground equipment. . The cables offer a soft and pleasant touch that does not harm the hands during use and are available in various diameters and colors, allowing for creative and aesthetic design.







Closed Bridge



The closed bridge provides safe and convenient passage between parts of the structure, developing players' motor skills and balance. The bridge offers a sense of security in a protected environment while maintaining the element of adventure and challenge. The height effect adds a dimension of excitement as players face height in a safe and protected environment. Playing on the bridge encourages daring and self-confidence.

Transparent Slide Sections



Transparent slide sections add an interesting visual element to slides. The transparency of the sections allows for maintaining eye contact between the companion and the player during the slide, enhancing the sense of security and comfort for both parties. The transparent sections provide a unique and enjoyable sliding experience while maintaining a sense of connection and safety.

Moving Platform



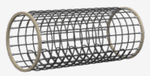
The moving platform provides a dynamic movement experience that develops players' motor skills and coordination. Playing on the moving platform encourages stability and self-confidence while moving.

Rope Ladder



The rope ladder provides vertical access to the play structure and encourages players to develop physical skills such as strength, coordination, and balance. Climbing the rope ladder strengthens hand and leg muscles and develops a sense of balance. The ladder encourages players to face challenges and develop flexibility and agility.

Crawl Bridge



The crawl bridge offers a physical challenge that develops players' motor skills, coordination, and balance. Positioned at a height, it adds a sense of adventure and excitement. Players crawl through the bridge, enjoying a feeling of wonder and thrill as they enter from one side and emerge from the other. Playing on the bridge encourages movement, exploration, and a sense of achievement.

Accessibility Platform



The accessibility platform is a structure that is accessible for children with disabilities, allowing them to participate in play equally and safely. It is an ideal addition to any structure and playground that requires accessibility standards.

Psagot Playgrounds



Motor Development

Hand-eye coordination - Developing coordination and precision in activities requiring fine motor skills. Foot-eye coordination - Improving coordination and balance through various equipment.

Sensory Development

Touch development - Diverse sensory experiences through different materials and textures. Vision development - Rich visual experiences through vibrant colors and shapes.

Cognitive Development

Concentration - Developing the ability to focus and maintain attention in equipment requiring concentration. Spatial awareness - Improving the ability to understand and navigate space through mazes and courses. Regulation of force - Developing the ability to apply the right amount of force according to the activity. Curiosity - Encouraging exploration and discovery through equipment providing new and unfamiliar experiences. Creativity - Developing creative thinking and imagination in open and interactive play.

Emotional Development

Confidence - Building self-confidence and belief in one's personal abilities. Independence - Developing independence and the ability to make personal decisions. Patience - Practicing patience and waiting for one's turn. Initiative - Encouraging initiative and taking an active role in play. Inclusion - Developing the ability to understand and accept differences and complexities. Achievement - Developing a sense of accomplishment and satisfaction from success in challenging equipment.

Social Development

Cooperation - Encouraging joint work and reaching shared goals. Communication - Developing effective and clear communication skills with playmates. Teamwork - Encouraging teamwork and developing group work skills. Empathy - Developing empathy and the ability to understand and empathize with others' feelings. Respect for boundaries - Learning the importance of respecting personal and social boundaries. Friendship creation - Creating friendships and strengthening social bonds.

Physical Development

Climbing - Strengthening arm and leg muscles, developing fitness and endurance. Crawling - Strengthening abdominal and back muscles, improving coordination and flexibility. Hanging - Strengthening arm, back, and shoulder muscles. Balancing - Improving balance and posture. Sliding - Strengthening leg and arm muscles and improving coordination.