TSP-5141

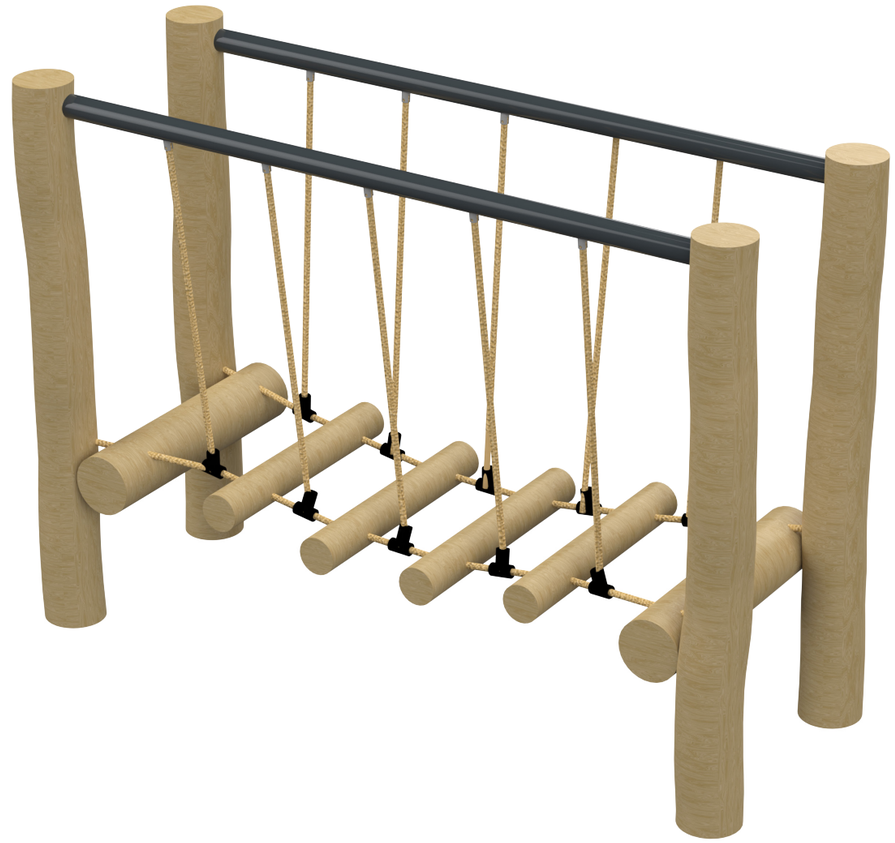
Aston

Rope Bridge model Aston - Robinia wood fitness course

Robinia Wood:
Steel:
Rope Cables:

Balancing

Jumping



Ages 5-12

Users 6

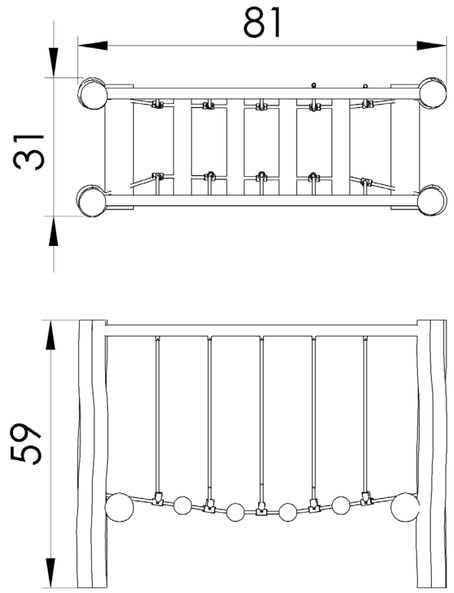
Dimensions L: 6'-6.7" W: 2'-4.8" H: 4'-5.8" | L: 205 W: 75 H: 140 cm

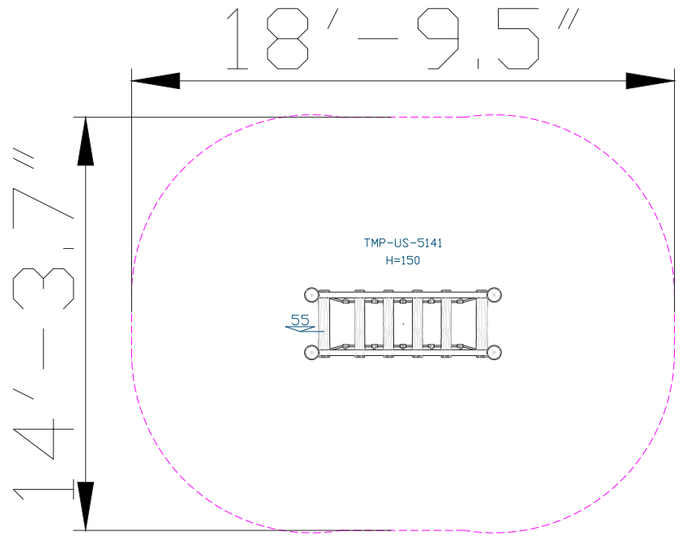
Safety Zone 18'-9.5"/14'-3.7" | 573 / 436 cm

Fall Height 1'-9.1" | 55 cm

Accessible

The Aston Rope Bridge combines natural European Robinia Wood with stainless steel and cables. It offers a challenging yet safe experience of crossing a swaying rope bridge. The stainless steel handrails ensure a firm grip, while the Robinia Wood steps provide stability during the crossing. This structure is especially suited for balance and movement challenges.









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.



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 MATI 1498/1497, 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.



Steel

Steel structure that is strong and durable, oven-painted galvanized and coated with lead-free polyester powder for corrosion and rust resistance. The steel meets strict EN 1176 and MATI 1498/1497 standards, 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.



Hand and Foot Holds

Hand and foot holds provide support during play and use of the structure. Players develop their strength and coordination while maintaining stability and security.



Accessibility Ramp

The accessibility ramp provides easy and safe access for wheelchairs, allowing players with disabilities to move easily and integrate smoothly into the games. Its design ensures stability and security, allowing everyone to enjoy the play experience equally and accessibly.



Motor Development

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



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..



Emotional Development

Imagination- Encouraging imagination and creating play worlds. Courage- Facing fears and new challenges. 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. Empathy- Developing the ability to understand and accept differences and complexities. Resilience- Coping with failure and trying again.



Physical Development

Jumping- Improving leg strength and balance. Balancing- Improving balance and posture.