

# TMP-US-2590

## Rubber Hills

Climbing rubber hills

Recycled HDPE: 

Steel: 

Rope Cables: 



Balancing



Climbing



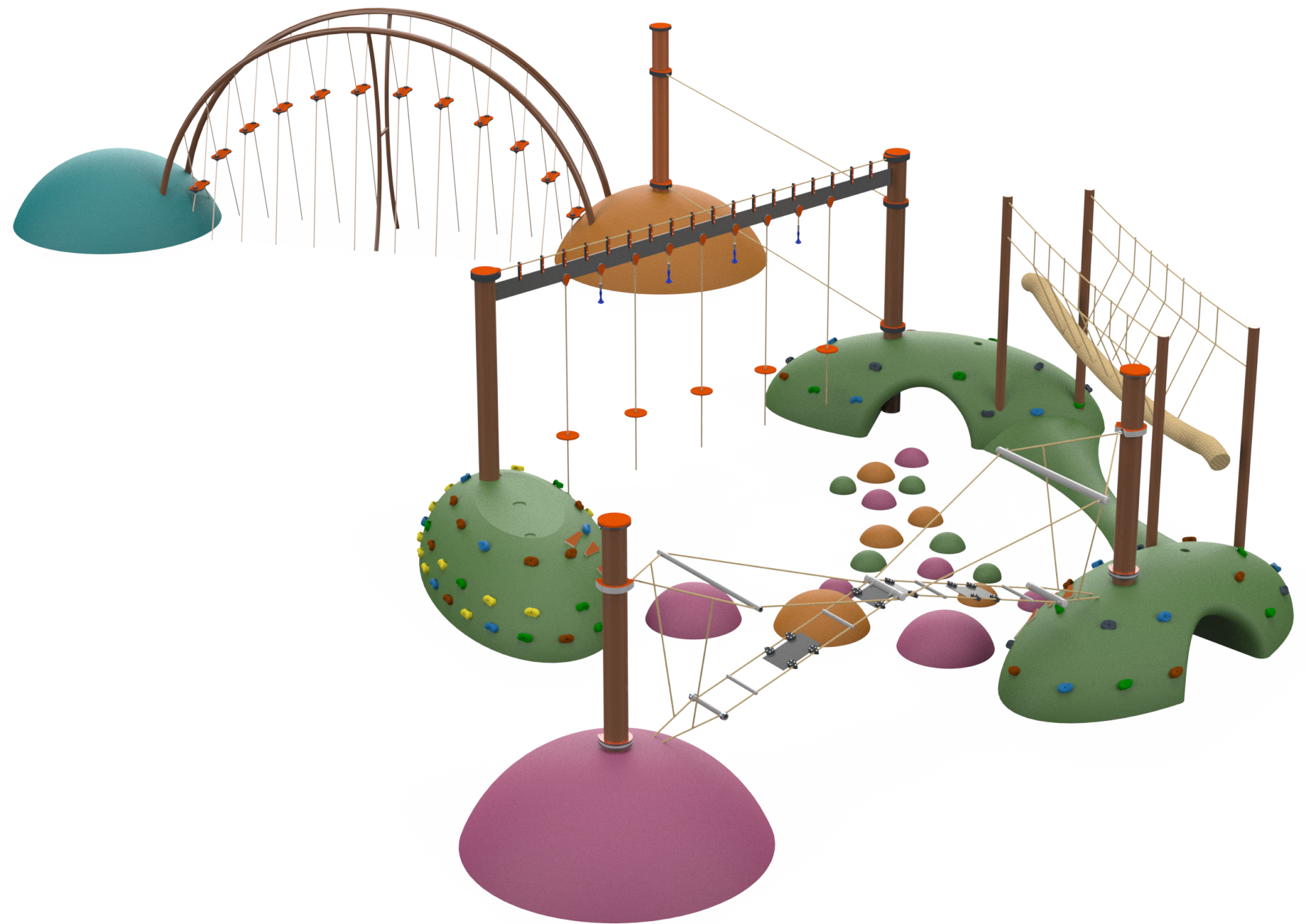
Jumping



Crawling



Hanging



Ages 5-12



Users 38



Dimensions L: 24'-8.4" W: 23'-8.9" H: 6'-4.8" | cm L: 772 W: 742 H: 200



Safety Zone 32'-8.9"/33'-9.4" | cm 995.68 / 1028.7

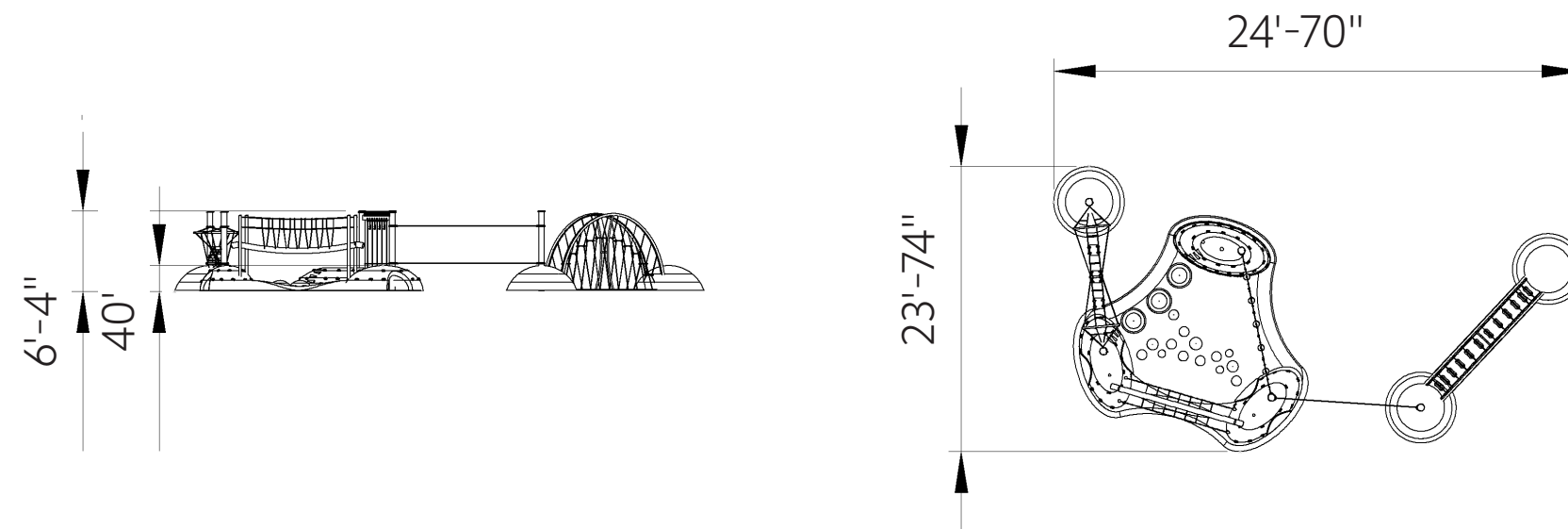


Fall Height 8' | 250 cm



Accessible

The Rubber Hills is an activity structure of rubber hills with challenging connecting bridges in several different routes, crawling tunnels, and climbing paths.



## 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 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.



## 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.



## Recycled HDPE

HDPE (High-Density Polyethylene) is a recycled material made from high-density polyethylene, produced from recycled materials that allows for further recycling. It excels in resistance to UV rays and wear and tear, making it particularly suitable for use in outdoor playground equipment. Its touch is smooth and pleasant, and its appearance is maintained over time. The advantages include high resistance to harsh weather conditions and environmental preservation. The material is capable of absorbing high energy, which helps prevent fractures.





## Rubber Hills

Rubber hills provide a fun and challenging play experience that includes climbing, jumping, and sometimes even crawling. The hills allow children to develop strength, coordination, and balance while playing in a safe and enjoyable environment.



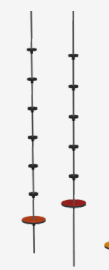
## Stepping Bridge

The stepping bridge provides a safe and convenient passage between parts of the structure, developing players' motor skills and balance. Playing on the bridge encourages movement and a sense of achievement.



## 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.



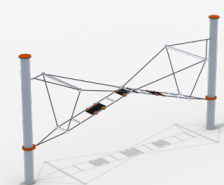
## Climbing Element

The climbing element offers a physical challenge that develops muscle strength, coordination, and balance. Climbing on the element encourages children to overcome fears and build self-confidence and perseverance. Additionally, the element helps develop problem-solving skills as children look for efficient and safe ways to climb.



## 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.



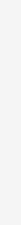
## Designed Climbing Element

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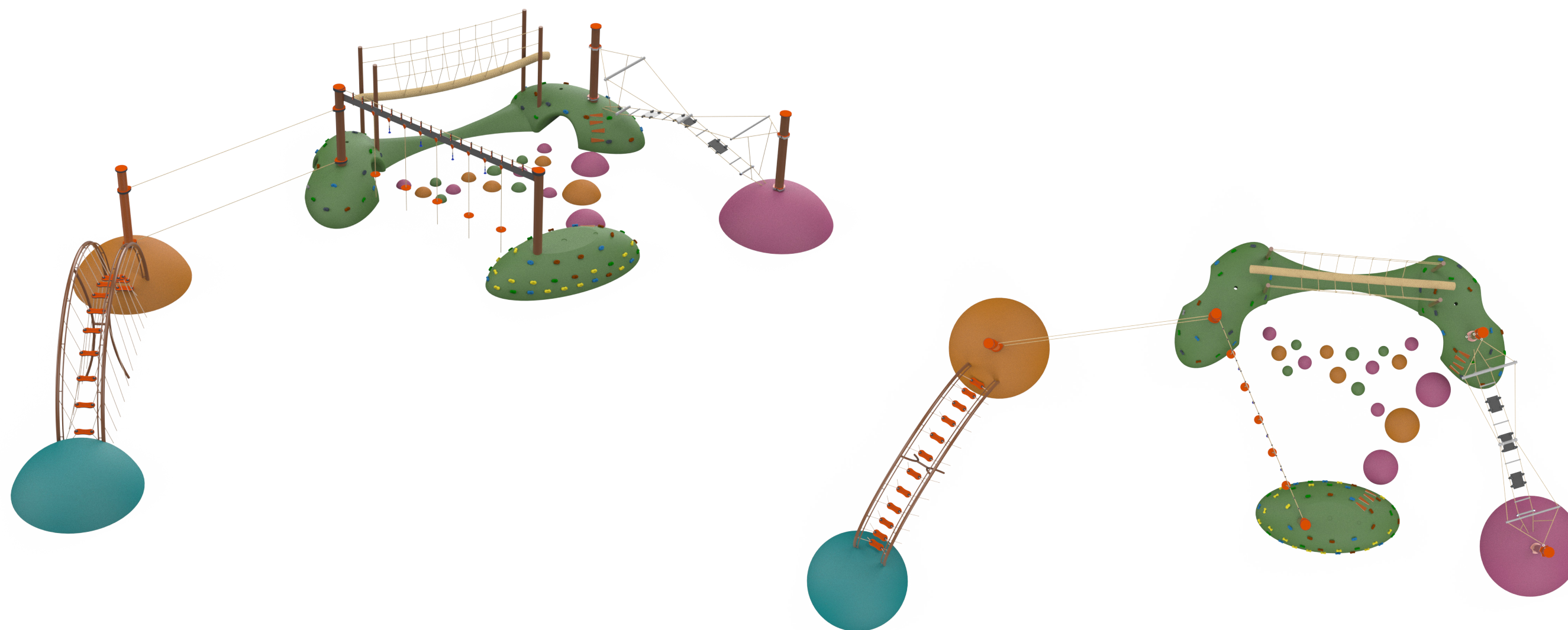
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### Motor Development

Core muscle strengthening- Strengthening abdominal and back muscles through challenging equipment. 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. Regulation of force- Developing the ability to apply the right amount of force according to the activity.



### Emotional Development

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. Initiative- Encouraging initiative and taking an active role in play. Resilience- Coping with failure and trying again. Perseverance- Encouraging perseverance and repeated attempts.



### Physical Development

Climbing - Strengthening arm and leg muscles, developing fitness and endurance. Jumping- Improving leg strength and balance. Hanging - Strengthening arm, back, and shoulder muscles. Balancing- Improving balance and posture. Hanging - Strengthening arm, back, and shoulder muscles. Jumping- Improving leg strength and balance.