TSP-10640

Kansas City

HDPE play system model Kansas City

Recycled HDPE:

Steel:

Rope Cables:

Balancing

Rotation

Climbing

Crawling

Hanging

Sliding



Ages 5-12

Users 74

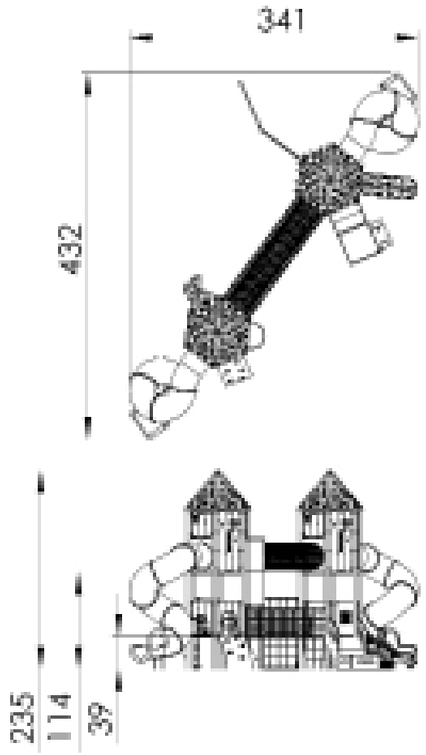
Dimensions L: 28'-4" W: 36' H:19'-5" | L: 614 W: 1339 H: 624 cm

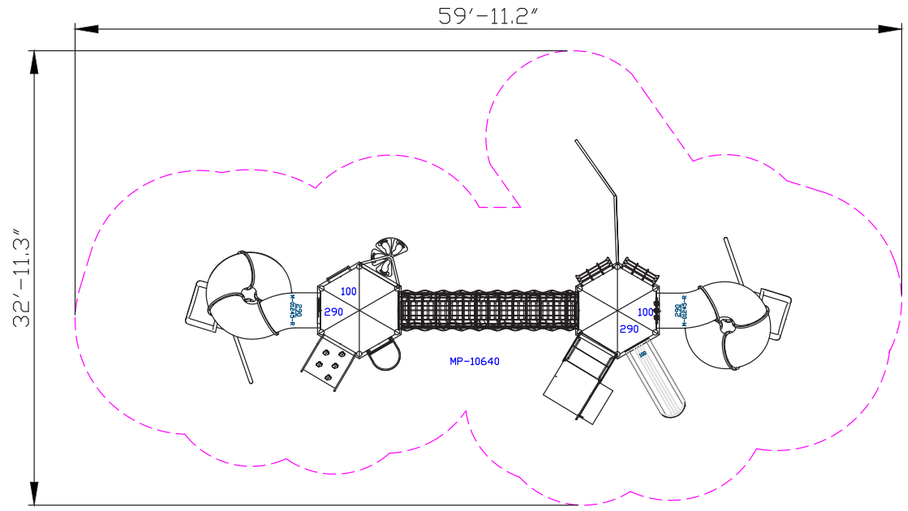
Safety Zone 59'-11.2"/32'-11.3" | 1826 / 1003 cm

Fall Height 9'-3.4"| 290 cm

Accessible

The Kansas City structure is a giant combined structure made of HDPE including 2 hexagonal towers with climbing options from inside and outside, two closed slides, 2 adjacent open slides, play panels, walls and climbing elements, long bridges for fun and experiential play.









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.



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.



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.

Designed Panel



The designed panel adds an aesthetic and unique dimension to the playground equipment, enhancing the overall play experience. The panel allows players to feel part of a creative and imaginative world, designed to align with the narrative of the playground. The design ensures easy and safe access to play activities, while maintaining a sense of security and enjoyment.

Climbing Element



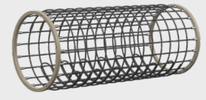
The climbing element offers a physical challenge that develops muscle strength, coordination, and balance. Climbing on the element encourages children to overcome fears and build self-confidence and perseverance. Additionally, the element helps develop problem-solving skills as children look for efficient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

Barrel Slide



The barrel slide provides an exciting and challenging sliding experience, combining movement with a sense of adventure. Sliding in this slide develops players' motor skills and coordination as they move through the tube at varying speeds. The sliding action boosts self-confidence and encourages daring as players face the challenge of fast movement. The slide is a fundamental and important element in any playground and is considered one of the leading and most beloved attractions for players of all ages.

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.

Straight Bridge



The straight bridge allows safe and convenient passage between parts of the structure, developing players' motor skills and balance. The height effect from the ground adds a sense of adventure and challenge as players learn to maintain stability and confidence during the crossing. Playing on the bridge encourages movement and self-confidence.

Designed Climbing Element



The designed climbing element combines physical challenge with a unique and inviting design. Players develop physical skills such as strength, coordination, and balance while playing in a creative and designed environment. The unique design encourages players to play and explore, fostering their imagination and creativity.

Double Slide



The double slide allows two players to slide simultaneously, encouraging friendly competition and the development of social skills. Shared sliding fosters cooperation and shared fun.

Climbing Wall



The climbing wall offers a physical challenge that develops the muscle strength, coordination and weight of the players. Climbing the wall improves their problem solving. This is a place where players overcome fears and develop courage and self-confidence.





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.

Cognitive Development

Concentration- Developing the ability to focus and maintain attention in equipment requiring concentration. Creativity- Developing creative thinking and imagination in open and interactive play.

Emotional Development

Perseverance- Encouraging perseverance and repeated attempts. Achievement- Developing a sense of accomplishment and satisfaction from success in challenging equipment.

Social Development

Communication- Developing effective and clear communication skills with playmates 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. Sliding - Strengthening leg and arm muscles and improving coordination.