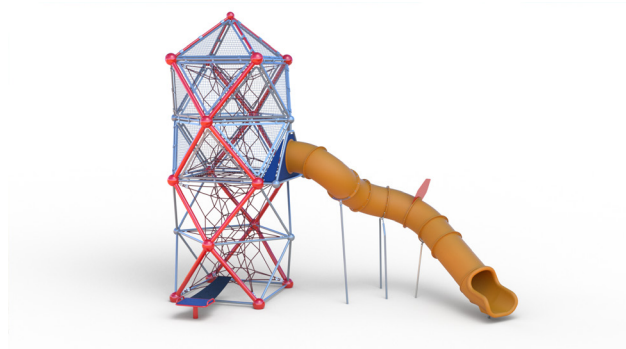




Product Name:	Square Helix Tower With Slide
Model Number:	YP391
Size:	Length: 28' 1" Width: 14' 6" Height: 23' 5"
Fall Height:	10'
Foundations:	10
Concrete Volume:	1.6 cubic yards
COMPLIANT WITH:	ASTM F-1487 CSA Z614
Ages:	5-12 years
Use Zone:	Length: 42' 7" Width: 26' 6"



Technical Details:

Frame

Main Structure shall be 4-1/2" (114.3mm) diameter steel tubing combined with 2-3/8" (60.5mm) diameter steel tubing, which after fabrication shall be powder coated in accordance with the specifications herein.

Climbing Nets

20mm diameter rope consists of 6 main strands, each strand containing 24 galvanized steel reinforcing strands within a polyamide sleeve, wrapped around a solid polyamide core for a total of 144 reinforcing strands. Ropes shall achieve a Class 7-8 colorfastness rating.

Rope Ball Connectors

One-piece compressed aluminum ball connector, compressed in place with 150,000 pounds source (667kN) to prevent the connection from moving and causing premature cable wear.

Rope End Fittings

One-piece compressed stainless steel end fitting.

Climber Pipe Junctions

11-3/4"(300mm) and 7-3/4" (200mm) diameter structural aluminum balls with aluminum covers. Shall be powder coated in accordance with the specifications herein.

Tensioning

Tensioning is achieved by way of a galvanized shackle and stainless steel eyebolt located at each Climber Pipe Junction capable of drawing the cables a minimum of 4"(100mm)

Rotomolded Components

Shall be uniform construction with rotationally molded linear low-density U.V. stabilized polyethylene with a 1/4" (6mm) nominal wall thickness, available in manufacturer's standard colors.

Flexible Surfaces

3/8" (10mm) thick textile-reinforced rubber belt.

Panels

Shall be made from 3/4" (18mm) thick high density, UV-stabilized and color impregnated polyethylene.

Fasteners

All fasteners shall be stainless steel with locking patch or locking compound.

Metal Finish

Polyester (Powder) Coating – The polyester coating shall be uniformly applied by the electrostatic method to a minimum thickness of four mils. Promptly after application of the powder, the coating shall be oven-cured at 350 degrees Fahrenheit. The color(s) of the polyester coating shall be from the manufacturer's standard color selection.

Installation

Installation recommended by a licensed playground contractor, trained and certified on the applicable playground installation methods and standards, preferably certified by manufacturer or National Playground Contractors Association.