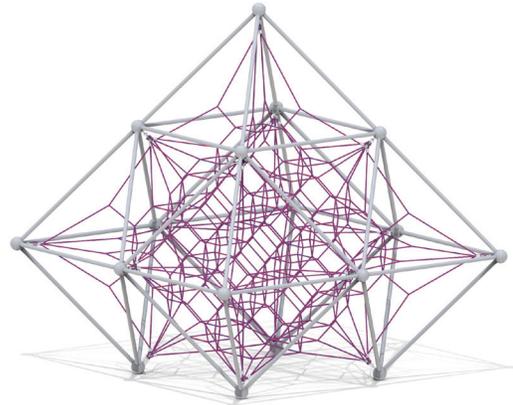


**Product Name:** *Diamond Cosmos*  
**Model Number:** *YP310*  
**Size:** Length: 17' 2"  
 Width: 17' 2"  
 Height: 18' 2"  
**Fall Height:** 6'  
**Foundations:** 4  
**Concrete Volume:** 1.9 cubic yards  
**COMPLIANT WITH:** ASTM F-1487  
 CSA Z614  
**Ages:** 5-12 years  
**Use Zone:** Length: 29' 2"  
 Width: 29' 2"



**Technical Details:**

**Climber Frame**

Main supports shall be 2-3/8" (60.5mm) diameter steel tubing. After fabrication the frame shall be powder coated in accordance with the specifications herein.

**Climber Pipe Junctions**

8" (200mm) diameter structural aluminum covers with integrated sleeves for pipe connections provided and 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 and End Fittings**

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

**Fasteners**

All fasteners shall be stainless steel with locking patch or locking compound (by others).

**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)

**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.

**Concrete Achors**

Supplied by others.