

**Product Name:** Junior Orbit

**Model Number:** YP313

**Size:** Length: 13' 6"  
Width: 13' 6"  
Height: 8' 5"

**Fall Height:** 6'

**Foundations:** 4

**Concrete Volume:** 1.9 cubic yards

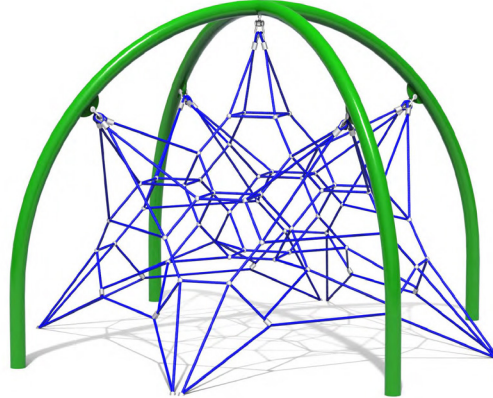
**COMPLIANT WITH:** ASTM F-1487

CSA Z614

Free standing flexible climbers are compliant to ASTM F1487 and CSA Z614 for use by preschool age groups (2-5 years or 18 months-5 years respectively). The US CPSC does not recommend freestanding flexible climbers for these age groups

**Ages:** 2-5 or 5-12 years

**Use Zone:** Length: 25' 6"  
Width: 25' 6"



**Technical Details:**

**Climber Frame**

Main supports shall be 4-1/2" (114mm) diameter steel tubing. After fabrication the frame 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.