



Product Family	DX Jumping Spider
Product Number	DX-1101
Ages	5 to 12 years
Capacity	4
Size	D: 18' 4" / 5.6 m H: 3' 11" / 1.2 m
Use Zone	D: 30' 4" / 9.3 m
Fall Height	3' 11" / 1.2 m
Shipping Weight	1122 lbs / 509 kg
Shipping Volume	80 ft <sup>3</sup> / 2.3 m <sup>3</sup>
Foundations	6
Concrete* Volume	3.14 yd <sup>3</sup> / 2.40 m <sup>3</sup>

\* Note: Concrete must be minimum 3500 PSI / 25MPa.

## Product Features:



### SUPPORT POSTS:

This will be 2 1/2" (114.3mm) OD galvanized steel tubing, finished with polyester powder coating.



### CLIMBING NETS:

This will be 20mm diameter polyamide (nylon) rope cable with UV protection and fire retardant solution. Each rope consists of 6 strands each containing 24 stainless steel reinforcing strands within a heat-adhered polyamide sleeve, wrapped around a solid polyamide core; each end of the cable having a junction loop attached onto the cable with a finished aluminum sleeve and lined with a stainless steel wear bar. Edge ropes will contain a solid core of wound stainless steel cables in place of the polyamide core.



### BALL KNOTS:

This will be a one-piece compressed aluminum ball, compressed in place with 150,000 pounds force (667 kN) to prevent the connection from moving and causing premature cable wear.



### JUMPING SURFACE:

This will be 1/2" (13mm) thick textile-reinforced rubber mat with drainage holes secured to the surrounding cable with clasps.



### BASIC FASTENERS:

All fasteners for component attachments are stainless steel.

### TURNBUCKLES:

These will be steel alloy that will withstand a maximum load of up to 87,675 pounds force (390 kN) along the main axis.



### MOUNTING PLATES:

These will be made of galvanized steel. Corner anchors will contain multiple connection points to allow for adjustability of the turnbuckles as well as connection of a safety rope. Support post anchors will consist of a slotted piece that will allow the support post to be anchored securely, while having a range of motion in one direction. Mounting plates will be secured to concrete blocks with 7/8" (22mm) x 20" (500mm) "L" Anchor bolts.



### INSTALLATION:

This should be installed only by a NPSI, CPSI or equivalent certified installer.

### COMPLIANT WITH:

**CAN/CSA-Z614-07**  
**ASTM F-1487-07a<sup>e1</sup>**  
**EN-1176**  
**CPSC Handbook for Public Playground Safety**

### CERTIFICATION:

To EN-1176: TÜV Rheinland Certificate No. AK50084822