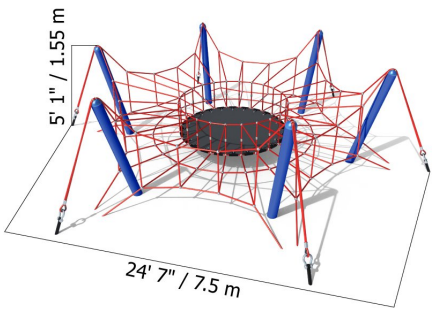
PRODUCT SPECIFICATION



Product Name	Spider Large
Product Number	DX-1102
Size -- Diameter	7.50 m / 24' 7"
Size -- Height	1.50 m / 4' 11"
Shipping Weight	630 kg / 1388.9 lb
Shipping Volume	2.00 m^3 / 70.6 ft^3
Foundations	6
Concrete Volume	3.60 m^3 / 127.1 ft^3

	ASTM F-1487	CSA Z614	EN 1176
Ages	5 years - 12 years	5 years - 12 years	6 years - 12 years
Capacity	11	11	11
Use Zone -- Diameter	11.16 m / 36' 7"	11.16 m / 36' 7"	10.50 m / 34' 5"
Fall Height	1.50 m / 4' 11"	1.50 m / 4' 11"	1.50 m / 4' 11"

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

Product Features:

SUPPORT POSTS: This will be 5 1/2" (139.8mm) OD galvanized steel tubing, finished with polyester powder coating.

CLIMBING NETS: These will be 20 mm diameter, polyamide (nylon) rope cable with UV protection and fire retardant solution. Each rope consists of 6 strands each containing 24 galvanized steel reinforcing strands within a polyamide sleeve, wrapped around a solid polyamide core for a total of 144 steel reinforcing strands; each end of the cable having a junction loop attached onto the cable with a finished aluminum sleeve and lined with a galvanized steel wear bar. Rope shall achieve a Class 7-8 Colourfastness rating.

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 two-piece bolted aluminum connectors that are rubber lined to reduce rope wear.

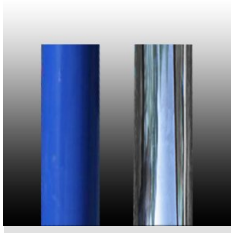
BASIC FASTENERS: All fasteners for component attachments are stainless steel.

TURNBUCKLES: These will be steel alloy that will withstand a maximum load of over 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.

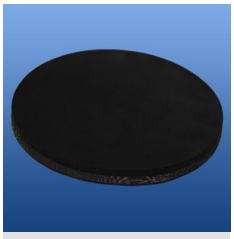
PRODUCT SPECIFICATION

ANCHOR BOLTS:	Mounting plates will be secured to concrete blocks with 7/8" (22mm) diameter x 20" (500mm) long "L" Anchor bolts, inserted into the wet concrete when poured.
INSTALLATION:	This should be installed only by a licensed playground installer, trained and certified on the relevant playground standards in place in the region of installation, e.g., NPSI, CPSI or similar certified.
COMPLIANT WITH:	**CAN/CSA-Z614-07** **ASTM F-1487-11** **EN-1176** **CPSC Handbook for Public Playground Safety**
TÜV CERTIFIED:	Certified to EN 1176:2008 TÜV Rhineland Certificate N° AK50162525
IPEMA CERTIFIED:	The DX-1102 identified in this specification sheet is IPEMA certified. The use and layout of the DX-1102 conforms to the requirements of ASTM F1487 and CSA Z614. To verify product certification visit www.ipema.org.
OPTIONS:	Optional Equipment: · Poured-In-Place Enclosure (Max. Qty: 6) #DX-PIP-01

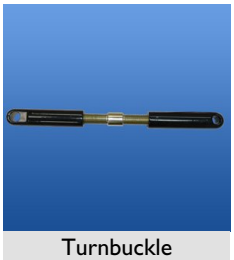

Support Posts

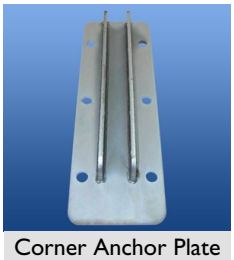
Climbing Net - 20 mm

Ball Knot


Jumping Surface Material

Jumping Surface Connector


Turnbuckle


Corner Anchor Plate

Anchor Bolt