

Product Name	Stingray
Product Number	16-RC-150803-1
Size -- Length	25.80 m / 84' 8"
Size -- Width	20.95 m / 68' 9"
Size -- Height	3.47 m / 11' 5"

	ASTM F-1487	CSA Z614	EN 1176
Ages	5 years - 12 years	5 years - 12 years	6 years - 12 years
Capacity	137	137	137
Use Zone -- Length	30.06 m / 98' 7"	30.10 m / 98' 9"	30.81 m / 101' 1"
Use Zone -- Width	25.21 m / 82' 9"	25.21 m / 82' 9"	25.97 m / 85' 2"
Use Zone -- Area	466.17 m ² / 5017.8 ft ²	494.66 m ² / 5324.5 ft ²	526.78 m ² / 5670.2 ft ²
Fall Height	3.47 m / 11' 5"	3.20 m / 10' 6"	3.00 m / 9' 10"



Product Features:

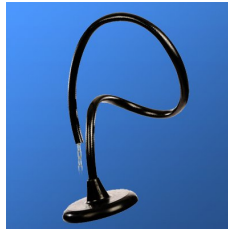
SUPPORT POSTS:	This will be 4 1/2" (114.3mm) OD Schedule 40 6061-T6 aluminum tubing with a minimum 15/64" (6.02mm) wall thickness. The posts will be connected to the contoured frame by 4" OD Schedule 40 6061-T6 aluminum sleeving into a coped housing to prevent exposed joints.
CONTOURED FRAME:	This will be 8 5/8" (219.08mm) OD Schedule 40 6061-T4 aluminum tubing with a minimum 21/64" (8.179mm) wall thickness.
20MM ROPE:	These will be 20 mm diameter polyamide (nylon) / polyester rope cable with UV protection and fire retardant solution. Each rope consists of 6 strands each containing at least 24 galvanized steel reinforcing wires within a polyamide (nylon) / polyester braid, wrapped around a solid polymer core for a total of at least 144 galvanized steel reinforcing strands. Rope shall achieve a Class 7-8 Colourfastness rating.
PAINT PROCESS:	All exposed aluminum will be finished with polyester powder coating. Prior to the powder coating application, the surface will undergo sandblasting and will be treated with an electrostatic primer having a minimum thickness of 1.5 mils.
PENDULUM STEPPER:	This will be a steel disc coated in a PAH free EPDM (ethylene propylene diene monomer) rubber. The rubber disc will be suspended with a galvanized steel chain covered in a protective rubber hose.
BALL KNOTS:	This will be a one-piece compressed aluminum ball, compressed in place with 150 tons force (667 kN) to prevent the connection from moving and causing premature cable wear.

- IGLOO CONNECTOR:** This will be an aluminum 6061-T6 connector allowing for 1 plane of motion. The female end of the connector is secured to the rope ends with an aluminum 6061-T6 sleeve which is bolted to the male end on the frame. The securing bolt will thread directly into the Igloo Connector.
- BASIC FASTENERS:** All fasteners for component attachments are stainless steel.
- 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**
ASTM F-1487
EN-1176
CPSC Handbook for Public Playground Safety

**** This design is subject to change until the final drawing is approved by both the client and engineering department.**



Climbing Net - 20 mm



Pendulum Stepper



Ball Knot



Igloo Connector