

Product Name	Asteroid Assembly I
Product Number	DX-902-A1
Size -- Length	7.63 m / 25' 0"
Size -- Width	7.26 m / 23' 10"
Size -- Height	3.50 m / 11' 6"
Shipping Weight	800 kg / 1763.7 lb
Shipping Volume	5.00 m ³ / 176.6 ft ³
Foundations	12
Concrete Volume	2.25 m ³ / 79.5 ft ³

	ASTM F-1487	CSA Z614	EN 1176
Ages	5 years - 12 years	5 years - 12 years	6 years - 12 years
Capacity	42	42	42
Use Zone -- Length	11.28 m / 37' 0"	11.28 m / 37' 0"	10.63 m / 34' 11"
Use Zone -- Width	10.92 m / 35' 10"	10.92 m / 35' 10"	10.26 m / 33' 8"
Fall Height	2.91 m / 9' 7"	2.91 m / 9' 7"	1.45 m / 4' 9"

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



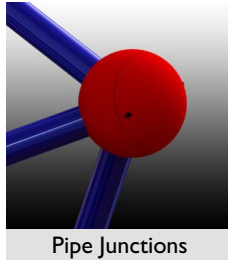
Product Features:

- SUPPORT POSTS:** These will be 2 3/8" (60.5mm) OD phosphate dipped steel tubing, finished with polyester powder coating.
- PIPE JUNCTIONS:** These will be cast aluminum, 5/8" (16mm) wall thickness, 8" (200mm) diameter with integrated holes for pipe connections, finished with polyester powder coating. Junction caps are affixed with stainless steel bolts.
- 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.
- CLIMBING PANEL:** This will be 11/16" (18mm) HDPE (high density polyethylene) sheeting. This material is durable, weather resistant and non-toxic.
- 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.
- TENSIONING:** Tensioning is achieved by way of a galvanized threaded eyebolt and shackle located at each Pipe Connection capable of drawing the cables a minimum of 4" (100mm).

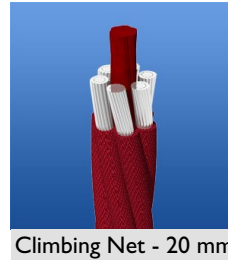
BASIC FASTENERS:	All fasteners for component attachments are stainless steel.
FOUNDATION:	These will be 10" (250mm) square steel plates, 1/8" (3mm) thick, bolted to concrete blocks and attached to the main structure with 12" (300mm) long, 2 3/8" (60.5mm) OD steel tubing, all finished with either polyester powder coating or hot dipped galvanization.
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.
SURFACE MOUNT:	Optionally, the product may be surface mounted utilizing 6" (150mm) long expansion bolts in place of the standard anchor bolts.
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 CPSI Handbook for Public Playground Safety



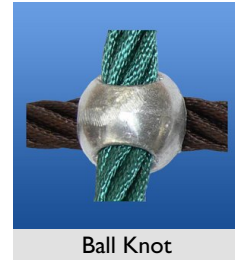
Support Posts



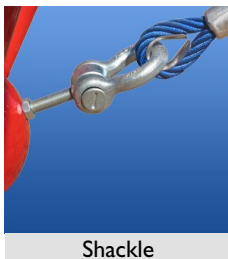
Pipe Junctions



Climbing Net - 20 mm



Ball Knot



Shackle



Footing



Anchor Bolt



Expansion Bolt