



Product Name	Meteor Large
Product Number	DX-805
Size -- Length	5.02 m / 16' 6"
Size -- Width	5.02 m / 16' 6"
Size -- Height	5.33 m / 17' 6"
Shipping Weight	1385 kg / 3053.4 lb
Shipping Volume	3.60 m ³ / 127.1 ft ³
Foundations	4
Concrete Volume	1.37 m ³ / 48.4 ft ³

	ASTM F-1487
Ages	5 years - 12 years
Capacity	49
Use Zone -- Length	8.68 m / 28' 6"
Use Zone -- Width	8.68 m / 28' 6"
Fall Height	2.24 m / 7' 4"

	CSA Z614	EN 1176
Ages	5 years - 12 years	6 years - 12 years
Capacity	49	49
Use Zone -- Length	8.68 m / 28' 6"	8.38 m / 27' 6"
Use Zone -- Width	8.68 m / 28' 6"	8.38 m / 27' 6"
Fall Height	2.24 m / 7' 4"	1.77 m / 5' 10"

*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.
- 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.
- 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
TÜV CERTIFIED:	Certified to EN 1176:2008 TÜV Rhineland Certificate N° AK50162522
IPEMA CERTIFIED:	The DX-805 identified in this specification sheet is IPEMA certified. The use and layout of the DX-805 conforms to the requirements of ASTM F1487 and CSA Z614. To verify product certification visit www.ipema.org .

