



Product Family	DX Trail Bridge
Product Number	DX-703-W
Capacity	70
Size	Surface L: 72' 2" / 22.0 m Surface W: 3' 11" / 1.2 m H: 13' 2" / 4.0 m
Use Zone	L: 94' 3" / 28.7 m W: 21' 7" / 6.7 m
Max Surface Height	2' 9" / 0.85 m
Shipping Weight	3400 lbs / 1542 kg
Shipping Volume	246 ft ³ / 7.0 m ³
Foundations	14
Concrete* Volume	13.10 yd ³ / 10.02 m ³

* 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.



NETS:

This will be 20mm diameter and 22mm 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.



WALKING SURFACE:

This will be 1 3/8" (35mm) thick Philippine mahogany planks with grooves for traction 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. 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^{e1}
EN-1176
CPSC Handbook for Public Playground Safety