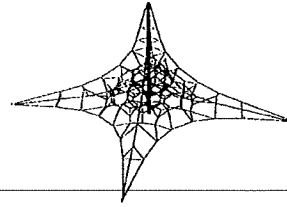




PRODUCT SPECIFICATION

Product Number:	KLD-TWR-04
Product Collection:	Tower Net
Size:	Length: 9.90 m / 32'6" Width: 9.90 m / 32'6" Height: 5.70 m / 18'9"
Fall Height:	1.92 m / 6'4"
Foundations:	5
Concrete Volume:	2.91 m ³ / 102.8 ft ³


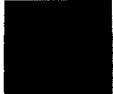



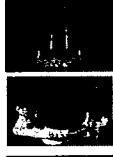



COMPLIANT WITH:

	EN 1176	ASTM F-1487	CSA Z614
Ages	6–12 years	5–12 years	5–12 years
Capacity	62	62	62
Use Zone	Length: 12.9 m / 42'4" Width: 12.9 m / 42'4"	13.45 m / 44'2" 13.45 m / 44'2"	13.45 m / 44'2" 13.45 m / 44'2"

*Concrete must be minimum 3500 PSI / 25MPa

TECHNICAL DETAILS:

Support Posts:		5 1/2" (139.8mm) OD galvanized steel tubing, finished with polyester powder coating.
Post Shields:		Where required, these will completely surround the post to fill in openings in the net, preventing entrapments. Shields will be made of a textile-reinforced flexible rubber material and secured with bolts.
Climbing Nets:		20 mm diameter and 22 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. Edge ropes will contain a solid core of wound steel cables in place of the polyamide core for a total of 168 steel reinforcing strands. Rope shall achieve a Class 7-8 Colourfastness rating.
Ball Knots:		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.
Turnbuckles:		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. Centre mast anchors will consist of a stub post that will stabilize the mast and an anchor ring that will secure the assembly to the concrete. This two-piece assembly allows for fine positioning of the post stub to be accomplished during installation, making the process simpler and easier.
Anchor Bolts:		Mounting plates will be secured to concrete blocks with 7/8" (22 mm) diameter x 20" (500 mm) long "L" Anchor bolts, inserted into the wet concrete when poured.
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.

PRODUCT DRAWING - KLD-TWR-04

