



Product Name	Large Quad Pods
Product Number	DX-2500
Size -- Diameter	5.836 m / 19' 1 3/4"
Size -- Height	3.103 m / 10' 2 1/8"
Foundations	1
Concrete Volume	3.06 m ³ / 108.00 ft ³

	ASTM F-1487	EN 1176
Ages	5 years - 12 years	6 years - 12 years
Capacity	90	90
Use Zone -- Diameter	10.788 m / 35' 4 3/4"	10.788 m / 35' 4 3/4"
Use Zone -- Area	91.40 m ² / 983.86 ft ²	91.40 m ² / 983.86 ft ²
Fall Height	1.000 m / 3' 3 3/8"	1.000 m / 3' 3 3/8"

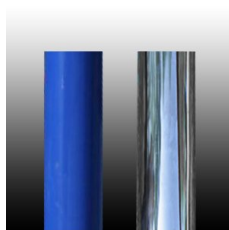
*Note: Concrete must be minimum 3500 PSI / 25MPa



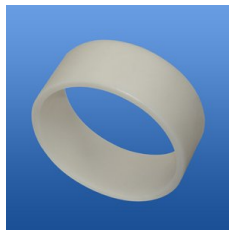
Product Features:

MAIN SUPPORT POST:	The inner support post carries the load of the structure and all the users. The inner support post also provides the stability for the rotational system. The post is constructed from a 8 5/8" (219.1mm) outer diameter round tube with a 23/32" (18.3mm) wall thickness. The support post is finished with a polyester powder coat to resist corrosion.
ROTATIONAL POST:	The outer support post allows the complete structure to rotate as one unit. The outer post has four connection points for the top support arms and the floor support arms. The post is constructed from a 10 3/4" (273mm) outer diameter round tube with a 1/4" (6.4mm) wall thickness. The outer support post is finished with a polyester powder coat to resist corrosion.
BEARINGS:	The main bearing is a low maintenance bearing. The post remains laterally stable using self-lubricating nylon bearings located along the main support post.
ROTATION:	Rotation occurs between the main support post and the rotational post. This method of rotation prevents pinching and clothing entanglements. Younger users can easily activate the spinning action of the product because of the smooth rotational motion.
HORIZONTAL RINGS:	The horizontal rings are made of 3 1/2" (88.9mm) outer diameter steel tubing. The rings include integrated climbing net connection points. The rings are finished with a polyester powder coat to resist corrosion.
SUPPORT ARMS:	The support arms are made of 5 9/16" (141.3mm) outer diameter steel tubing. The arms are finished with a polyester powder coat to resist corrosion.

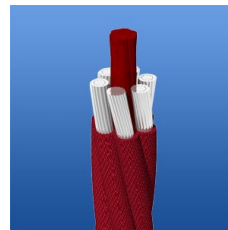
SPINNING CAPSULE:	The spinning capsule is fabricated using bent steel tubing with a 1 5/16" (33.3mm) outer diameter. The floor of the capsule is finished with Polyarmor® G17 to a thickness of 20 mils (508µm). The capsule rotates smoothly using an encapsulated double row spherical roller bearing.
20MM ROPE:	The rope is 20mm diameter polyamide (nylon) / polyester rope cable with built in UV protection and fire retardant properties. The rope achieves a class 7-8 colourfastness rating. The rope is manufactured to consist of six twisted strands with either galvanized steel or stainless steel wires. The six strands are twisted around a solid polymer core.
NET CONNECTIONS:	The climbing nets attach to the structure using an aluminum connector which is permanently crimped to the rope. The connector is designed with integrated threads which eliminates the need for a nut; allowing for quick and easy installation.
BALL KNOTS:	The ropes that cross each other are connected together using ball knots. The ball knots are a one-piece aluminum ball that is compressed in the factory by a hydraulic press. This permanent connection is designed to prevent premature cable wear that is caused by loose connections.
BASIC FASTENERS:	All fasteners for component attachments are stainless steel.
DECKING:	The deck is made of floor sections that are rigidly connected to each other. The floor sections are fabricated from 1/8" (3.2mm) bent sheet steel with welded stiffeners. The floor sections are finished with Polyarmor® G17. The Polyarmor® G17 on the top of the floor is finished to a thickness of 20 mils (508µm).
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:	ASTM F-1487 EN-1176 CPSC Handbook for Public Playground Safety



Support Posts



Bottom Bearing



Climbing Net - 20 mm



Net Connector



Ball Knot