



Product Name	Allegro
Product Number	DX-2200
Size -- Diameter	3.30 m / 10' 10"
Size -- Height	3.32 m / 10' 11"
Shipping Weight	710 kg / 1565.3 lb
Shipping Volume	6.70 m ³ / 236.6 ft ³
Foundations	1
Concrete Volume	0.27 m ³ / 9.5 ft ³

	ASTM F-1487
Ages	5 years - 12 years
Capacity	25
Use Zone -- Diameter	9.30 m / 30' 6"
Fall Height	2.12 m / 6' 11"

	CSA Z614	EN 1176
Ages	5 years - 12 years	5 years - 12 years
Capacity	25	25
Use Zone -- Diameter	9.30 m / 30' 6"	9.30 m / 30' 6"
Fall Height	2.12 m / 6' 11"	2.12 m / 6' 11"

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



To verify product certification, visit www.ipema.org



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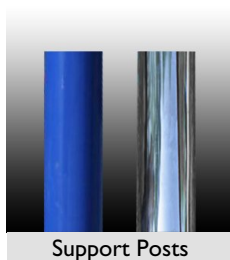
Product Features:

- MAIN SUPPORT POST:** This inner support post provides support and stability to the rotational system. This will be constructed of 5 9/16" (141.3mm) OD schedule 40 galvanized steel pipe, embedded in a concrete foundation.
- ROTATIONAL POST:** This outer support post allows the unit to rotate as one. This will be constructed from 6 5/8" (168mm) OD schedule 10 phosphate dipped pipe finished with polyester powder coating. The top will be finished with 4 connection points for support arms. Integrated connection points for the deck will also be provided as required.
- ROTATION:** The Rotational Post will rotate along with all other parts of the play equipment in a way that prevents clothing entanglements or pinching.
- HORIZONTAL RINGS:** These will be 2 7/8" (73.03mm) OD steel tubing finished with polyester powder coating. Rings will include integrated climbing net connection points as required.
- 20MM ROPE:** These will be 20 mm diameter polyamide (nylon) / polyester rope cable with UV protection and fire retardant solution. Each rope consists of 6 strands each containing at least 24 galvanized steel reinforcing wires within a polyamide (nylon) / polyester braid, wrapped around a solid polymer core for a total of at least 144 galvanized steel reinforcing strands. Rope shall achieve a Class 7-8 Colourfastness rating.
- NET CONNECTIONS:** Each location where the climbing nets meet the ring or post will have a one-piece stainless steel junction sleeve compressed onto the rope and affixed to the post or ring connector with a bolt and nut.

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.
BASIC FASTENERS:	All fasteners for component attachments are stainless steel.
BEARINGS:	This will be maintenance-free self-lubricating nylon, sealed and integrated into the central post, leaving no apparent mechanism.
DECKING:	This will be constructed of custom cut 1/8" (3.2mm) thick punched steel decking with 1 5/8" (41.3mm) angle frame, 1/8" (3.2mm) thick, welded perpendicular to the deck surface for support. Deck sections are coated with Polyarmor® G17 having a minimum thickness of 20 mils (508 µm).
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.
NO-ENCROACHMENT ZONE:	Where required, this will be an obstacle-free zone that does not necessarily meet the requirements of the protective surfacing zone. See applicable standard for more information.
COMPLIANT WITH:	CAN/CSA-Z614 ASTM F-1487 EN-1176 CPSC Handbook for Public Playground Safety
TÜV CERTIFIED:	Certified to EN 1176:2008 TÜV SÜD Certificate N° ZI 13 08 84504 002
IPEMA CERTIFIED:	The DX-2200 identified in this specification sheet is IPEMA certified. The use and layout of the DX-2200 conforms to the requirements of ASTM F1487 and CSA Z614. To verify product certification visit www.ipema.org .



† Where proper surfacing is used, this product meets the ADAAG guidelines for accessibility, allowing the same play possibilities for people of all abilities.



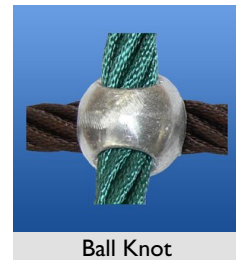
Support Posts



Climbing Net - 20 mm



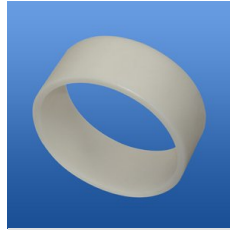
Net Connector



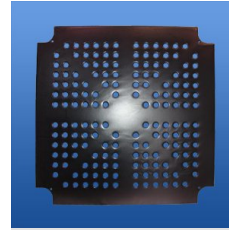
Ball Knot



Top Bearing



Bottom Bearing



Decking