

Irrland – Product Specification



Univers – Classics among rope playground equipment

Net structures offer hours of fun and adventure on several levels – climbing and swinging, up and down, horizontally and vertically – space on earth.

The original spatial nets: Born over 40 years ago as a play concept, continuously further developed in form and detail, still popular even after several generations.

Neptun.20 – At a glance.

Product Family:	Univers	Number of Foundations:	25 pc.
Item Number:	90.141.227	Concrete Volume C20/C25:	10.0 m³ (353.2 ft³)
Children's Age:	5+	Number of skilled installers required:	4
Fall Height (DIN EN 1176):	1.72 m (5'-8")	Installation Time without foundation:	20 hours
Length x Width x Height:	22.1 m x 9.1 m x 6.5 m (72'-7" x 29'-11" x 21'-4")	Dimensions of largest part:	9.0 m x 0.8 m x 0.8 m (29'-7" x 2'-8" x 2'-8")
Protective Surfacing Area (DIN EN 1176):	12.7 m x 25.2 m	Weight of heaviest part:	160 kg (353 lbs)
Protective Surfacing Area (ASTM 1487):	Upon request	Shipping Volume:	Upon request
Minimum space required DIN EN 1176:	222.3 m²	Spare part guarantee:	Lifelong
Minimum space required ASTM 1487:	Upon request		



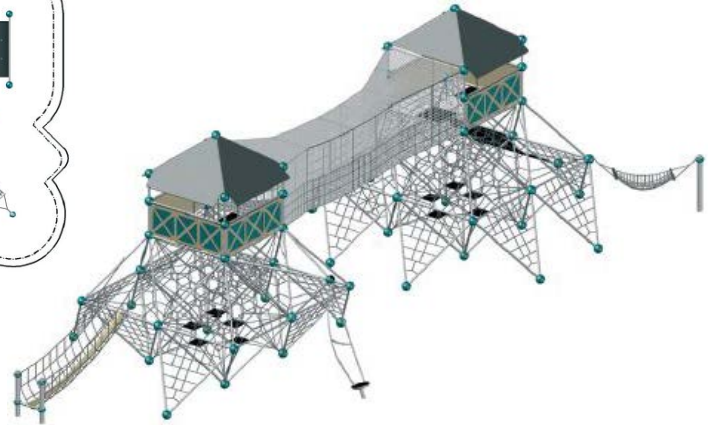
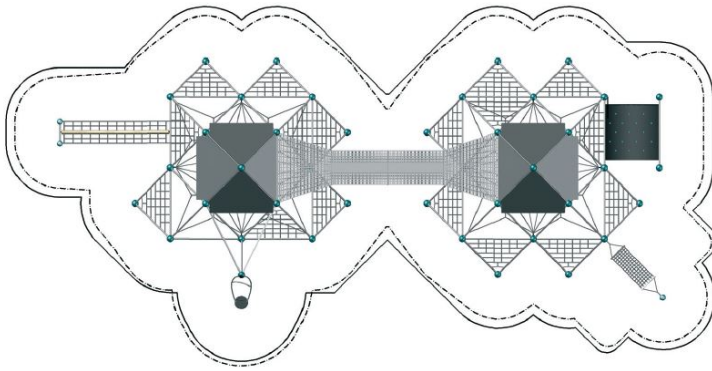

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Technical Data.

The following text can also be used for tenders.

- 2 Neptun with rubber membrane, balustrade, row and access net
- Closed suspension bridge covered with safety net
- Rubber ramp
- Duck Jibe
- Hammock
- Jungle bridge

Members:

Framework-steel tubes, \varnothing 2 3/8" (60.3 mm); anticorrosion treatment and color finish: sandblasting and epoxy-/polyester-powdercoating.

Nodes:

Framework-aluminum ball connectors, \varnothing 9-13/16" (250 mm); anticorrosion treatment and color finish: sandblasting and epoxy-/polyester-powdercoating; incorporating the unique Astem TT net tensioning system, securely closed with durable ebonite caps.

Ropes:

U-Rope-round strand ropes with galvanized steel cores, \varnothing 5/8" (16 mm); external strands are covered with high abrasion resistant and UV-resistant polyester-yarn.

Spatial netting:

Rope crossing points localized by durable, drop forged aluminum-cloverleaf rings; in situ-replaceable rope lines (no special tools required).

Planar netting:

Rope crossing points localized by durable, drop forged aluminum-ballknots (no plastic).

Posts:

Steel pipes \varnothing 133 mm (5 1/4"); wall thickness 5 - 10 mm (3/16" - 3/8") with a round cast aluminum post top; anti-corrosion treatment and color finish: sandblasting and solvent-free zinc-/ epoxy-/ polyester-process

Access net:

Rope \varnothing 16mm (5/8"); mesh size minimum 250 x 250 mm (9-4/5"); rope crossing points localized by durable, drop forged aluminum ballknots (no plastic)

HDPE Panels:

HDPE plates as wall panels made of abrasion-proofed plastic (t=19mm; t=3/4").

Hammock:

Rope \varnothing 16 mm (5/8"); hammock net with mesh width approx. 100 x 100 mm (3-15/16" x 3-15/16"); with two in situ-replaceable square rungs; rungs comprised of stainless steel profile with aluminum end caps; two swivel joints connect to aluminum clamps

Rubber ramp:

Rubber comprised of durable, vandal-resistant conveyor belt material; rope \varnothing 16 mm (5/8"); climbing handles: HDPE

Jungle bridge:

Bridge with thick walk rope comprised of Polypropylene-cordage, \varnothing 150 mm (5 7/8"); with steelcore \varnothing 12 mm (1/2"), external PP-winding and ends durable stabilized with shrink-rubber sleeves at regular intervals; net comprised of rope \varnothing 16 mm (5/8"); rope crossing points localized by durable, drop forged aluminum ballknots (no plastic)

Duck Jibe:

Curved Framework stainless steel pipes \varnothing 60.3 mm (2 3/8"), wall thickness 2.9 mm; lubricated, antifriction reciprocal bearings; connected to the main Cosmo framework with a thick-walled Framework-aluminum ball connector, \varnothing 250mm (9-13/16"), standing platform is comprised of grained HDPE, 19 mm thick; the turning bearing construction located in the ground consists of Framework stainless steel pipe retainers, \varnothing 40 mm (1-3/5"), wall thickness 5 mm (3/16")



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