

NRG Taking you on an adventure!

HAGS[®]
Inspiring all generations

The origins of NRG

NRG was originally called Trail Blazer and it was one of the first trail-style playground offerings in the UK.

The Trail Blazer system (which is now NRG) was:

- Manufactured by Recreational Supply Services UK (acquired in 2005)
- Initially manufactured in timber and then the steel option was also made available
- Play activity was enhanced with the addition of swinging and climbing components
- Designed to be customisable and inclusive from its early days



Why choose NRG?

Trail play products in the NRG range are ideal for play areas as they encourage active outdoor play – great for learning and development.

The NRG trail play system:

- Allows users of all ages to get involved
- Is customisable – build your trail the way you want it
- Promotes wellbeing through exercise
- Is inclusive – for all abilities
- Offers exercise and physical development

Users get to explore their environment, develop their muscle strength, coordination and gain self-confidence.



What is NRG?

NRG is built on the concept of trail play – a system of linked activities made up of multiple components.

NRG offers:

- Rich social and cognitive play values
- Different and graduated levels of challenge
- The opportunity for children to use their imagination

NRG's dramatic structural steel and distinctive steel curved arches and support posts make it eye-catching and fun, as well as making it an impressive centre piece for any play area.





Your personalised configuration

NRG is built on the trail play/obstacle course concept which allows you to create a play area the way you want it.

Products from the range can be arranged in virtually any configuration to create your own bespoke layout, or you can choose one of our standard configurations.



Ready for an adventure?

The inspiration for NRG came from the natural wonders of the world, taking children on a journey.

This is not only a trail system that promotes exercise, it also encourages children to use their imaginations and enter a world of adventure. Whether they're avoiding an imaginary swamp full of alligators or climbing to the top of a mountain, children are sure to have a day full of adventure and risk taking.

NRG trail systems will seamlessly manoeuvre them on a journey through the wonders of the world.



Suitable for all ages

We believe that there shouldn't be any age limits when it comes to play.

Although age ranges (5-12 years) are provided for safety/precautionary guidelines, our whole NRG range is:

- Designed so that it can be enjoyed by all
- Great for adults to help children learn and develop
- Made for children and adults to play and have fun together
- Excellent for physical and mental development
- Created for fun and adventure



Promoting exercise and wellbeing

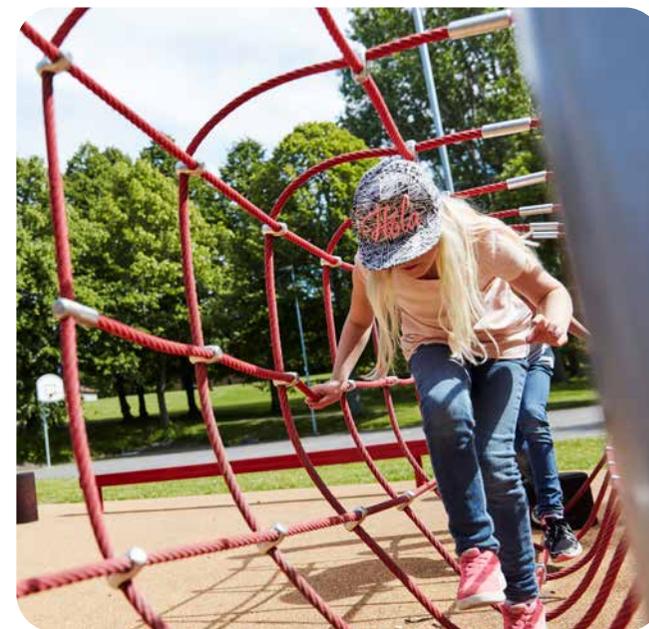
Exercise is important for both mental and physical health and the NRG range is designed to provide plenty of exercise through play.

The NRG system:

- Is fun and helps build strength through twisting, turning, swinging, climbing and many other forms of play
- Encourages children to assess risk, helping to build confidence
- Is ideal for cognitive development through problem solving, use of skill and knowledge

Did you know?

According to the World Health Organisation, children should accumulate at least 60 minutes of moderate to vigorous intensity physical activity daily.





Product Features

The NRG range is designed and engineered to provide maximum play value. The units are packed with features that make this a truly fantastic range.

When designing NRG products we focus on:

- Design
- Inclusion
- Sustainability
- Quality



Design expertise

We pride ourselves on the fact that we are a unique company with experts across the world.

The NRG system is a true testament to using our wealth of knowledge from around our business to provide an exceptional product

- Thoughtful engineering - through the professionals we employ in Selby, UK.
- High quality - rope components expertly created by our team at Tayplay.
- Unique design - with focus on quality, functionality, simplicity and clean lines.



Sustainability

The environment and the materials we use are important to us.

We want to ensure that the materials we use are sourced appropriately and that they can be recycled too. We use steel and aluminium which are infinitely recyclable meaning that they can be re-purposed at the end of their life.

Many of our existing components such as Amazon Basin and Cape Horn use a material branded Plaswood - which is made from 100% recycled waste plastic and can itself be fully recycled at the end of its working life.



Inclusion - play for all

Products in the NRG range are designed and built to provide maximum play value no matter what your level of skill.

- Our NRG combinations were developed to cater for varying levels of balancing, crawling and climbing abilities
- All the structures have openings on all sides to give access
- The Atlas and Funnel Web have been adjusted to be more accessible (based on the advice of Mara Kaplan, inclusion expert)
- Offers children with a proprioceptive sensory activity & social play



Quality

We pride ourselves on the quality of our products.

With every product we manufacture, we ensure that we are using the best quality materials. Ropes for NRG now come with a 6 strand steel fibre core which provides increased strength and flexibility. A single rope can take a load of up to 3 tonnes. It is also double weaved to reduce the risk of unwinding through wear & tear.

The Plaswood recycled material used on some of the components does not rot or degrade with age and requires no chemical treatment.



New for NRG

The new NRG builds on the existing range by introducing new linking components to further expand the flow and customisation opportunities.

The introduction of new components and combinations provide:

- The ability to link more products together.
- More play value while going from one piece of equipment to another.
- More opportunity to build a play area that is unique.

The new combinations are also available to purchase as a whole set and they provide a great mix of challenge levels.

New NRG products

Our talented designers have created 4 new stunning combinations and 6 new components.

They are:

- Eye-catching and attractive
- Innovative
- Designed to maximise play and exploration
- Inclusive
- Modular, allowing the creation of a bespoke trail

Guide to HAGS icons



Impact area
EN 1176



Free height of
fall EN 1176



Age guideline



No. of
Users



Assembly time



Accessible



Space needed

Anchoring: **CC** Cast in place
OM Above ground

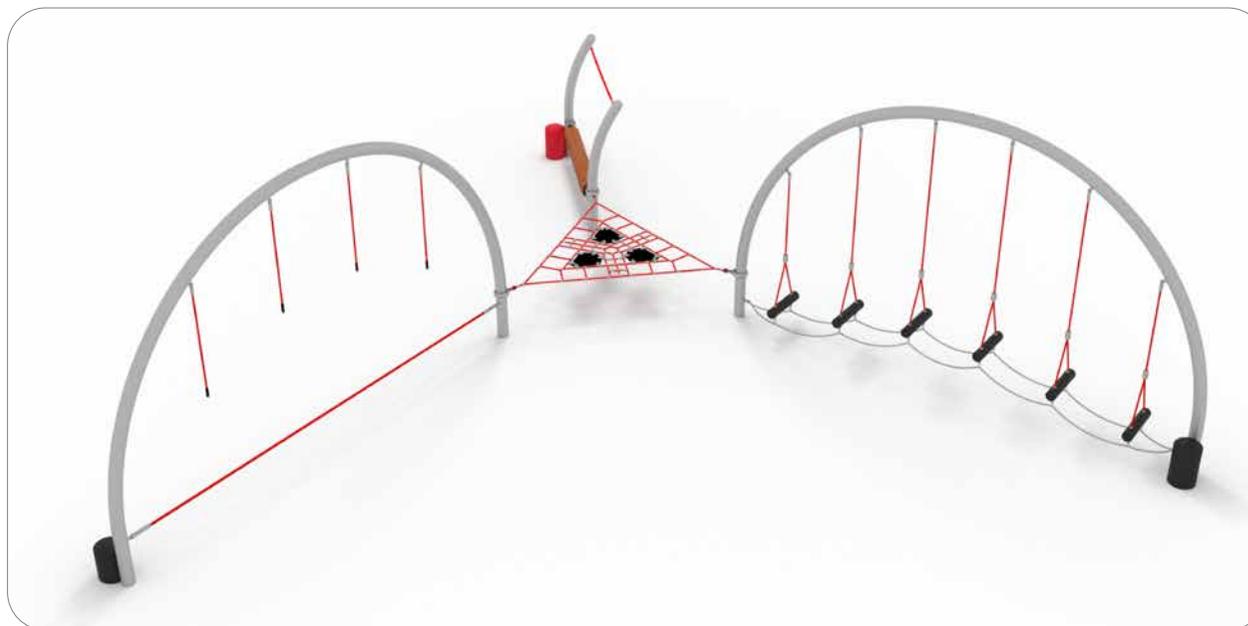
For more information about product options please visit: www.hags.com

New NRG Combinations

The NRG combinations use a number of varying components designed to help promote balance and strength play, using ropes and steadier surfaces.

Its eye catching curves and support posts make an impressive centre piece for any play area, attracting children of all ages and abilities.

Create your own layout, or choose one of our standard configurations to suit all sizes and budgets.



m²
64

0.6

5+

6

20



North Peak mountain is an easier ice climb compared to others in the area, making the climb enjoyable and never too severe.

North Peak

Get ready to take on the wilderness through rapid rivers and alligator-infested swamps.

The smallest of the new combinations offers a medium to high level of balancing and crawling.

North Peak

8079845 CC Red
8079846 CC Green

★ 12.85 x 10.90

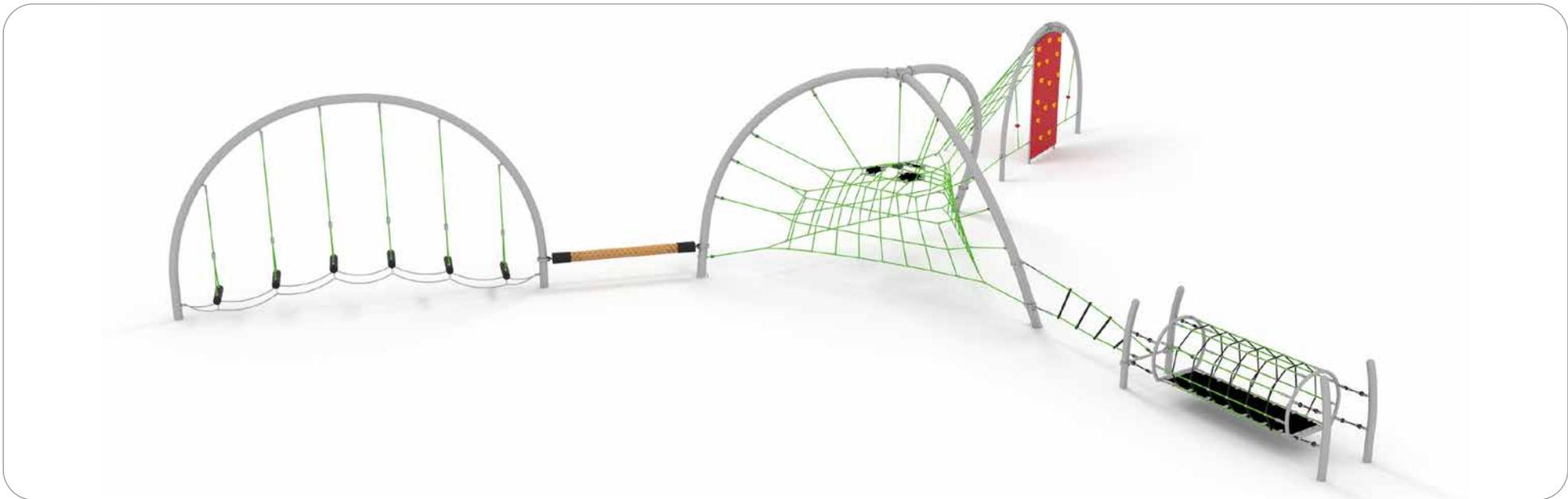
4 Components

Yukon Log Roll

+ Triangle Net

+ Everglades

+ Amazon Basin

m²
108

2.4

5+

12+

52



The distinct shape gave Half Dome mountain its name, as one side is a sheer face while the other sides are smooth and round.

Half Dome

Take a trip into the jungle and enjoy the wonders of nature while avoiding getting lost amongst the webbing of the Atlas.

This medium combination offers all challenge levels for climbing, crawling and strengthening. Plus a medium to high level for balancing.

Half Dome

8079849 CC Red

8079850 CC Green

★ 18.45 x 15.75

6 Components

Hogs Back

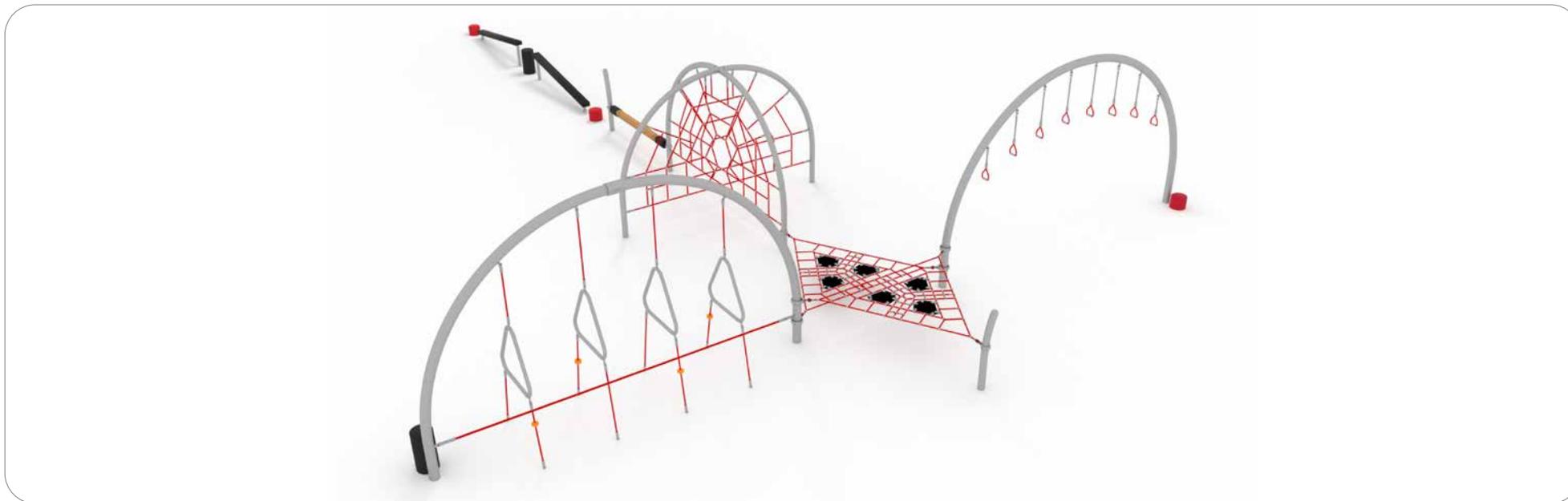
+ Atlas

+ Twisted Ladder

+ Funnel Web

+ Jungle Rope

+ Amazon Basin



- m²**
112
- 
2.4
- 
5+
- 
12+
- 
48

What makes Cathedral Peak mountain unique is that you can look across at the escarpment from a relatively high altitude.

Cathedral Peak

Prepare yourselves for an adventure through dangerous rocks, caves and mountain tops.

This medium combination offers all challenge levels for climbing, crawling and strengthening. Plus a high level for balancing.

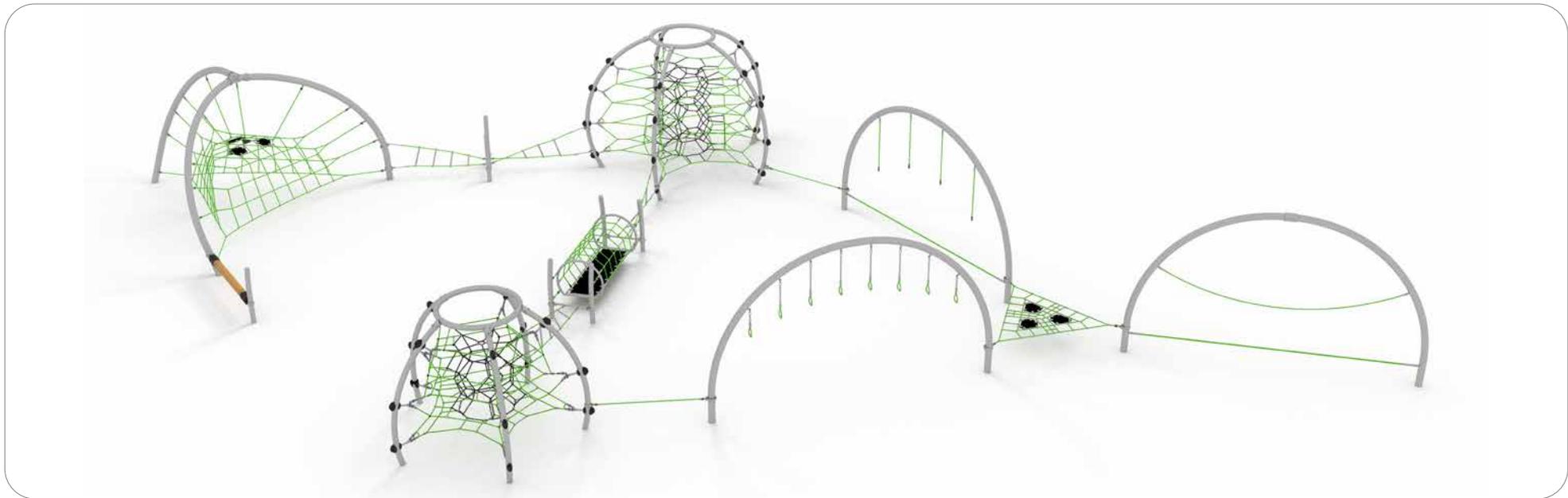
Cathedral Peak

8079847  Red
 8079848  Green
 ⚙️ 19.70 x 15.75



7 Components

Tierra Del Fuego	+ Uluru
+ 2 x Triangle Net	+ Jungle Rope
+ Chedder Gorge	+ Double Klondike



- m²**
196
- 
2.2
- 
5+
- 
12+
- 
88

El Capitan mountain is very popular with climbers who love the challenge of climbing up the sheer granite face!

El Capitan

Go on an expedition through the wonders of the world, but make sure you're ready to tackle all the challenges that this may bring.

The largest configuration offers all challenge levels for climbing, crawling and strengthening. Plus medium to high level for balancing.

El Capitan

8079851  Red
8079852  Green
★ 28.00 x 16.65



14 Components

Galdhøpiggen	+ Jungle Rope
+ Twisted Ladder	+ Single Rope
+ Funnel Web	+ Everglades
+ Kebnekaise	+ Triangle Net
+ 2 x Twisted Ladders	+ Niagara Falls
+ Atlas	+ Cheddar Gorge
	+ Single Rope

New NRG components

The NRG components offer exciting, additional ways to link NRG trail features together and add new climbing possibilities.

Use these in your next NRG trail to enhance the transition between existing features. And don't forget the Atlas - rope climbing just became a whole lot more fun!

Atlas

Adventurers, get ready to test your climbing and crawling skills on the Atlas, while trying not to get lost amongst the mountain range!

The Atlas offers children the opportunity of assessing risk and challenge while improving motor skills such as balance and coordination.

It's also great at developing communication skills as children guide each other to reach the top.



Atlas

8079853 **CC** Red
8079854 **CC** Green
★ 8.20 x 7.65

m²
39

1.75

5+

6

22

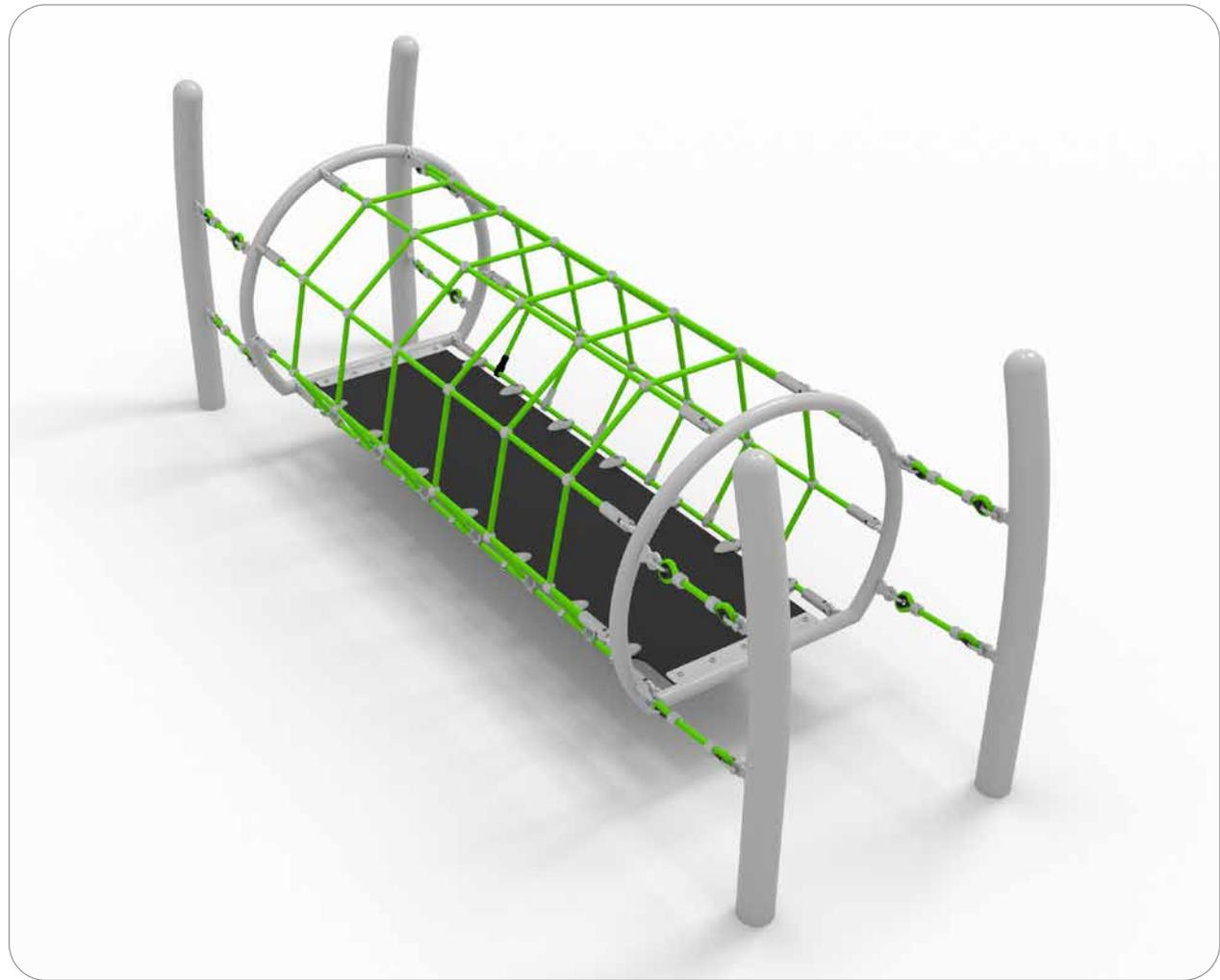
Funnel Web

Crawl through the Funnel Web to enter a world of adventures. What natural wonder will you find on the other side?

Practice and improve the crawling technique by going through the Funnel web tunnel.

The Funnel Web also helps stimulate and develop the user's proprioceptive system as they contract and stretch muscles in different ways.

A single rope can take the load of 3 tonnes - or the weight of a Rhino!



- m²**
22
- 1.1
- 5+
- 2
- 12

Funnel Web

- 8079855 CC Red
- 8079856 CC Green
- ★ 6.00 x 3.90

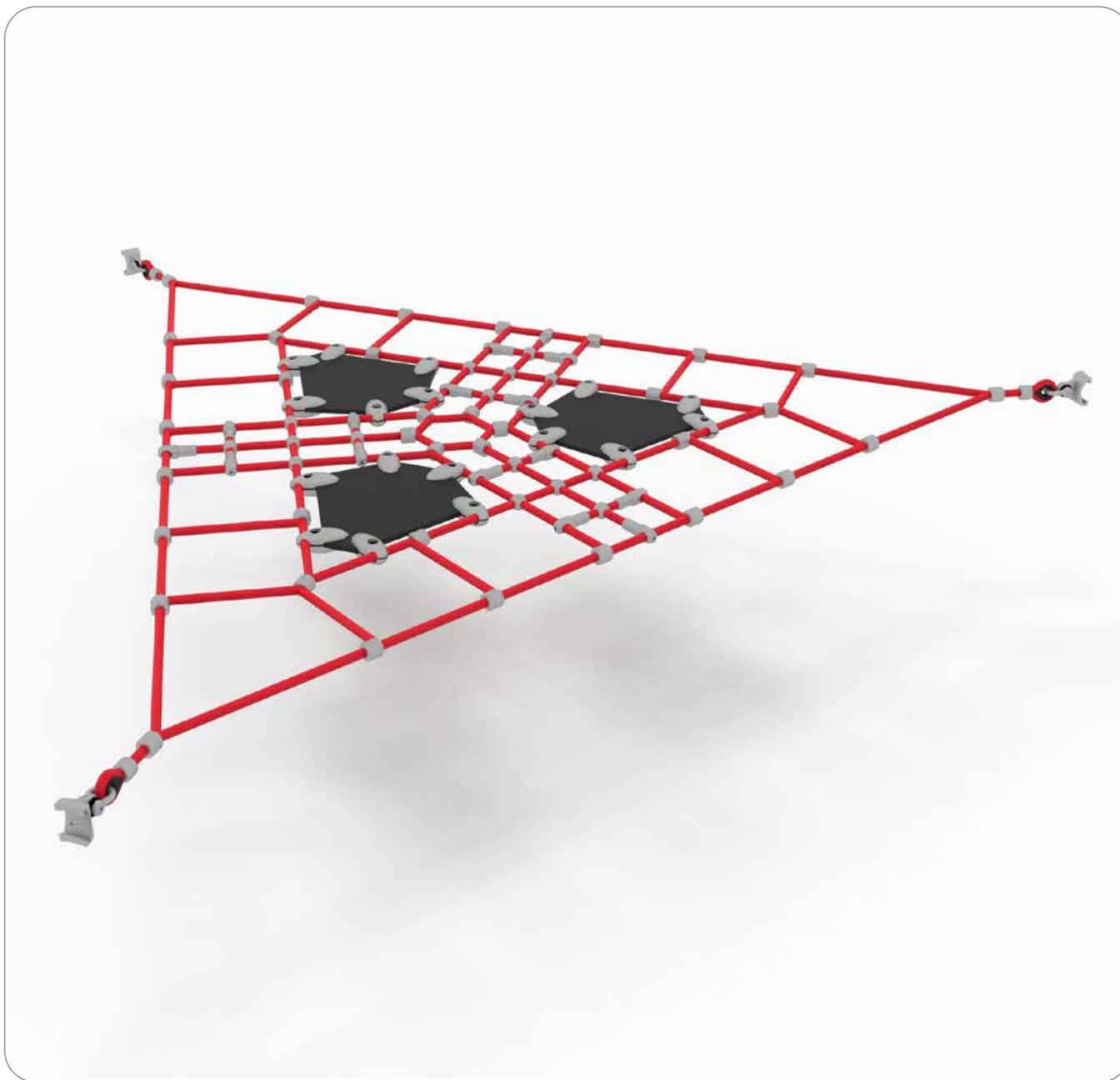
Triangle Net

The floor is lava! Use the Triangle Net to go from one place to another as you avoid the red-hot lava below.

The Triangle Net provides the perfect link between play structures, allowing children to go from one area to another with a challenge.

Please note: Must always be specified with appropriate clamp sizes.
(Not applicable for mounting onto brace bar).

The clamp being constructed from aluminium, is highly resistant to weathering and is recyclable.



Jungle Rope

Either walk or crawl on the rope to avoid the rapid river and continue your journey through the jungle.

A traditional yet brilliant way to transfer from one structure to another while trying to keep your balance. A simple element that provides fun for all.

Please note: Must always be specified with appropriate clamp sizes.
(Not applicable for mounting onto brace bar).

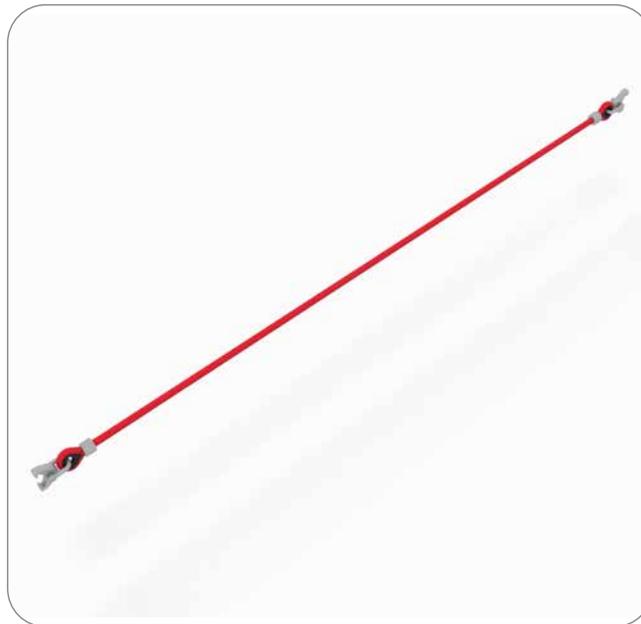


Single Rope

Can you walk between the mountains on this thin rope? Better not look down or you will lose your balance!

Challenge your balance as you carefully traverse along the low level tightrope.

Please note: Must always be specified with appropriate clamp sizes.
(Not applicable for mounting onto brace bar).

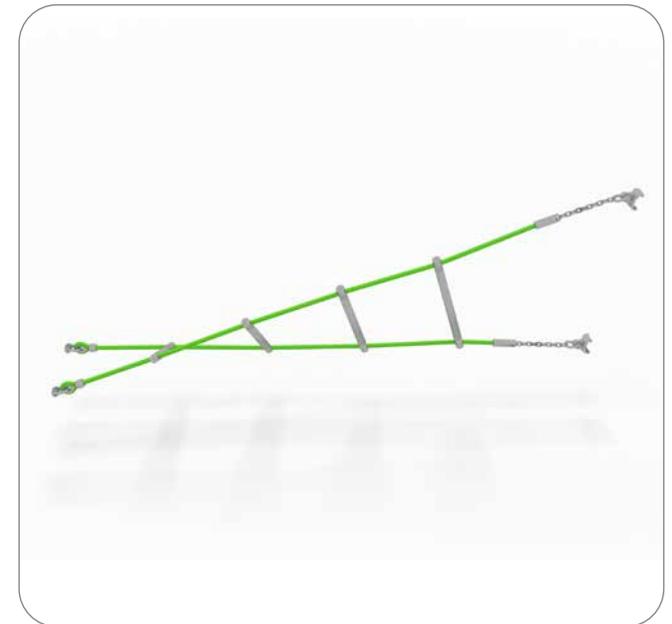


Twisted Ladder

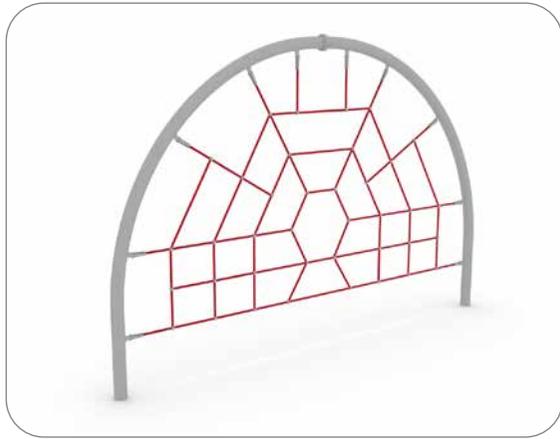
Hang on tight as the ladder swings and twists. Don't let go or you will end up in a sinking mud pit!

Strength and balance are needed if you are to carefully make your way along the ladder rungs. The Twisted ladder is great for a physical test as well as helping with coordination and building confidence.

Please note: Must always be specified with appropriate clamps and brace bar sizes. Adjustable chain length allowing for easy onsite installations.



16 Existing NRG Components



m²
29

2.4

5+

4

Angel Cascade

8079881 CC Red

8079882 CC Green

★ 6.60 x 4.35



m²
29

2.4

5+

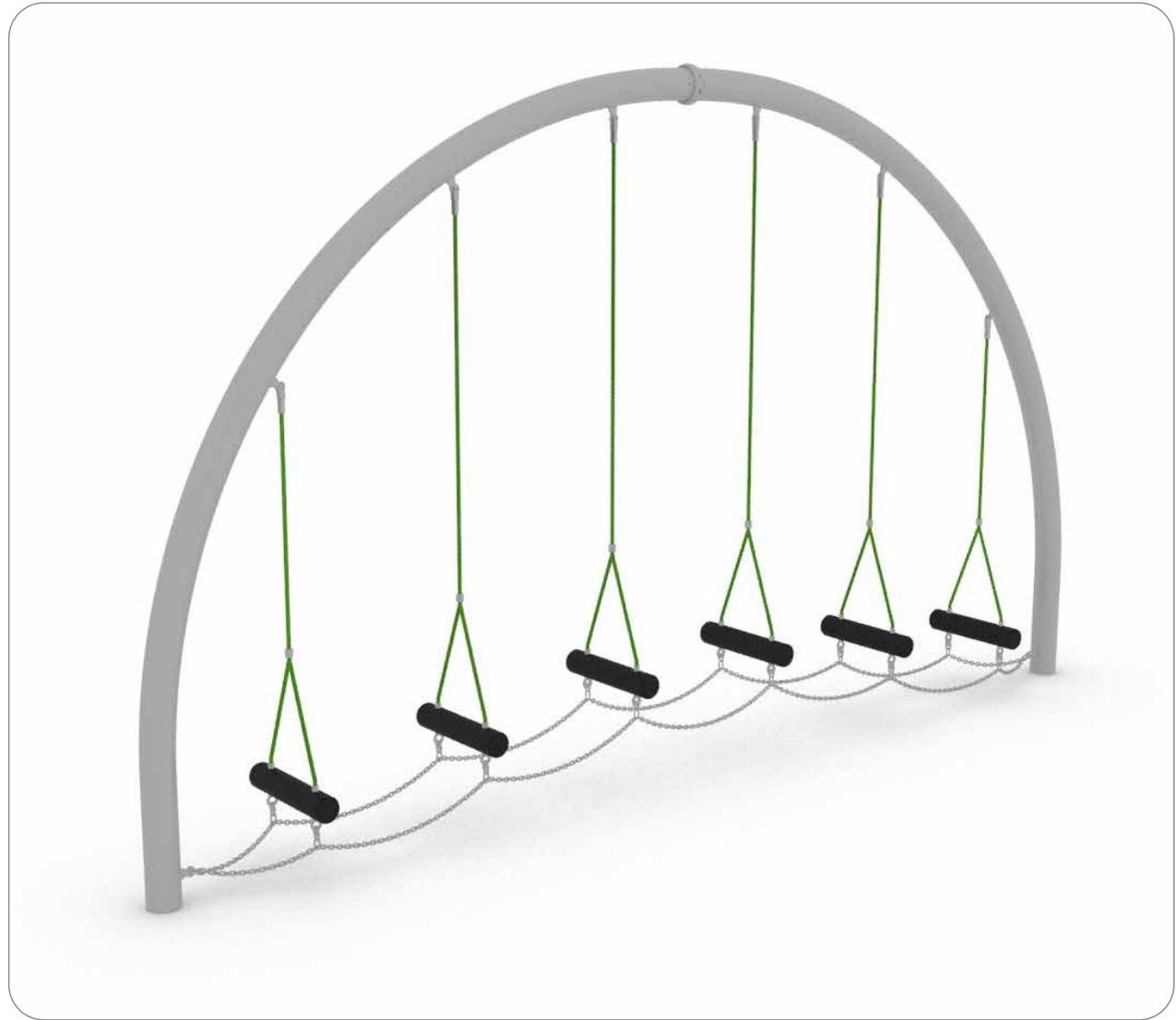
3

Bermuda Triangle

8079904 CC Red

8079905 CC Green

★ 7.10 x 4.30



m²
28

0.6

5+

4

Amazon Basin

8079867 CC Green

8079866 CC Red

★ 7.95 x 3.50



Cheddar Gorge

8079883 **CC** Red
8079884 **CC** Green

★ 7.95 x 3.85

m²
30



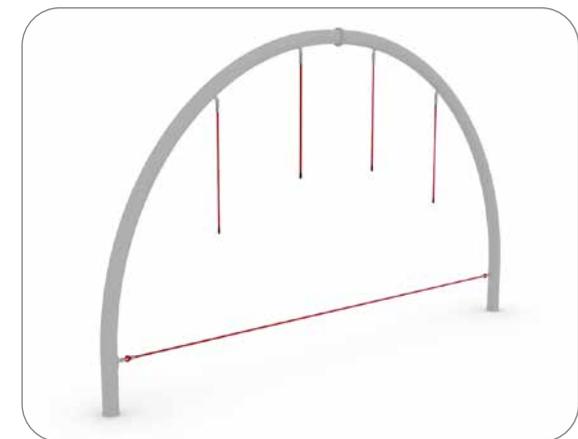
m²
20



Cape Horn

8079869 **CC** Green
8079868 **CC** Red

★ 6.25 x 3.25



m²
27



Everglades

8079885 **CC** Red
8079886 **CC** Green

★ 7.95 x 3.15

18 Existing NRG Components



m²
24

1.1

5+

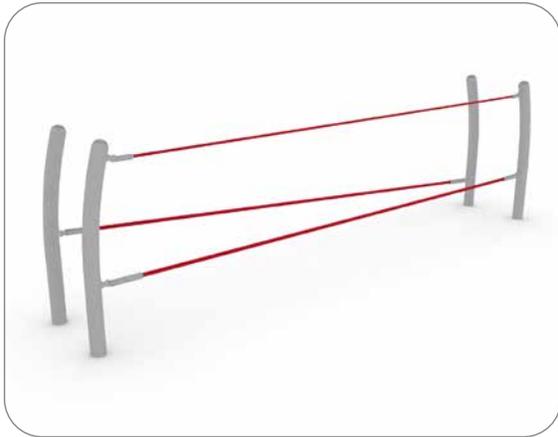
3

Gaping Ghyll

8079888 **CC** Green

8079887 **CC** Red

★ 6.05 x 3.85



m²
26

0.6

5+

3

Grand Canyon

8079872 **CC** Red

8079873 **CC** Green

★ 7.10 x 3.60



m²
36

2.4

5+

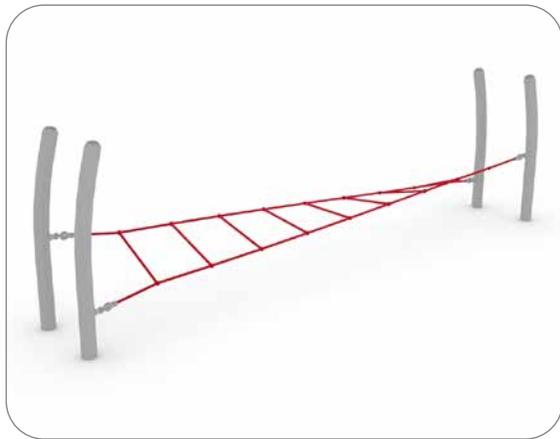
3

Hogs Back

8079875 **CC** Green

8079874 **CC** Red

★ 7.20 x 5.30



m²
26

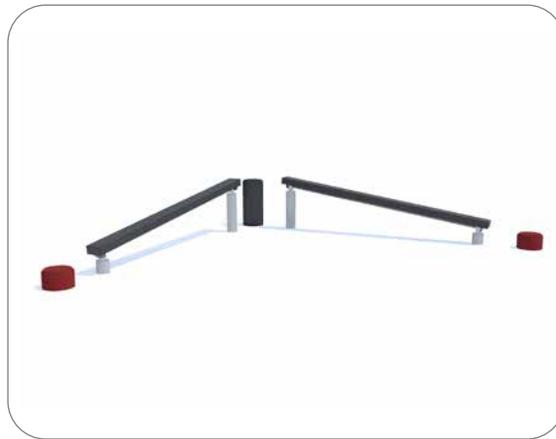
0.6

5+

2

Jacobs Ladder

8079890 CC Red
8079891 CC Green
★ 7.10 x 3.60



m²
32

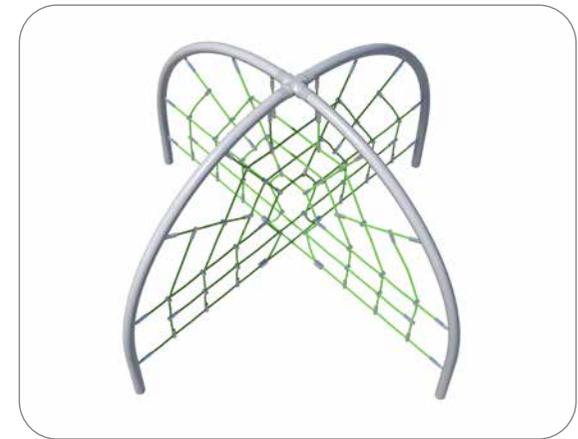
0.6

5+

5

Double Klondike

8079903 CC
★ 6.50 x 6.50



m²
38

2.4

5+

8

Uluru

8079865 CC Green
8079864 CC Red
★ 6.30 x 6.30



m²
20

0.6

5+

3

Kakum Canopy Walk

8079877 CC Green
8079876 CC Red
★ 5.25 x 3.70



m²
16

0.6

5+

3

Klondike

8079906 CC
★ 4.85 x 3.25



m²
22

0.6

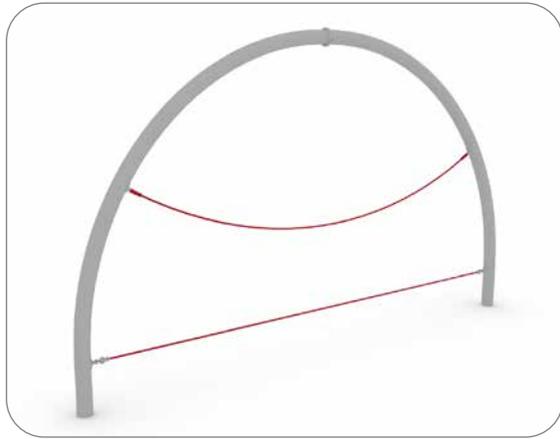
5+

3

Magellan Straits

8079898 CC
★ 7.0 x 3.15

20 Existing NRG Components



m²
25

0.4

5+

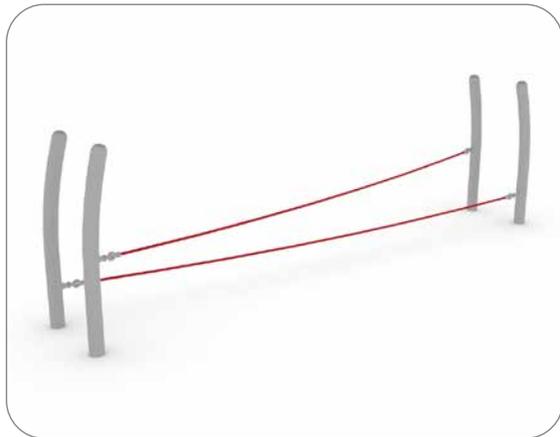
3

Niagara Falls

8079894 CC Red

8079895 CC Green

★ 7.95 x 3.15



m²
26

0.6

5+

3

Offas Dyke

8079892 CC Red

8079893 CC Green

★ 7.05 x 3.60



m²
32

1.75

5+

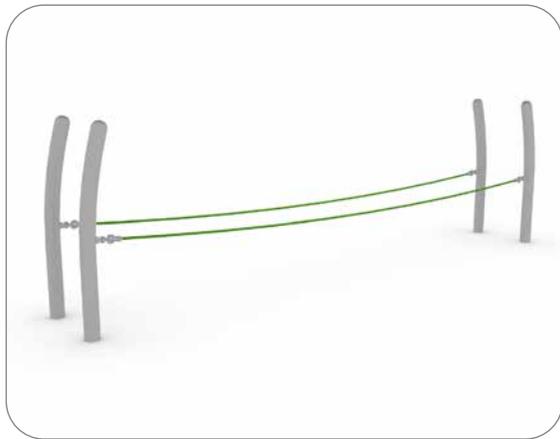
5

Sierra Diablo

8079880 CC Green

8079879 CC Red

★ 8.00 x 4.50



m²
26

0.6

5+

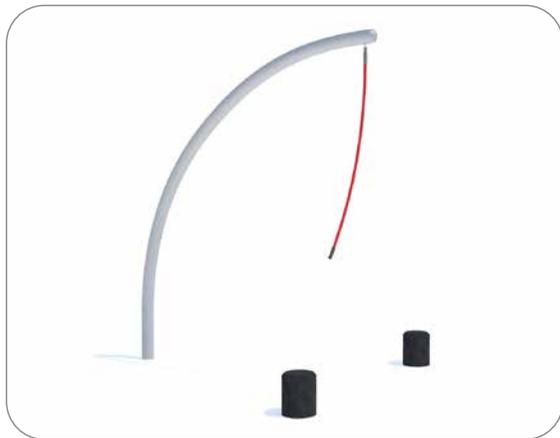
3

Okavango Swamp

8079871 **CC** Green

8079870 **CC** Red

★ 7.10 x 3.60



m²
30

1.8

5+

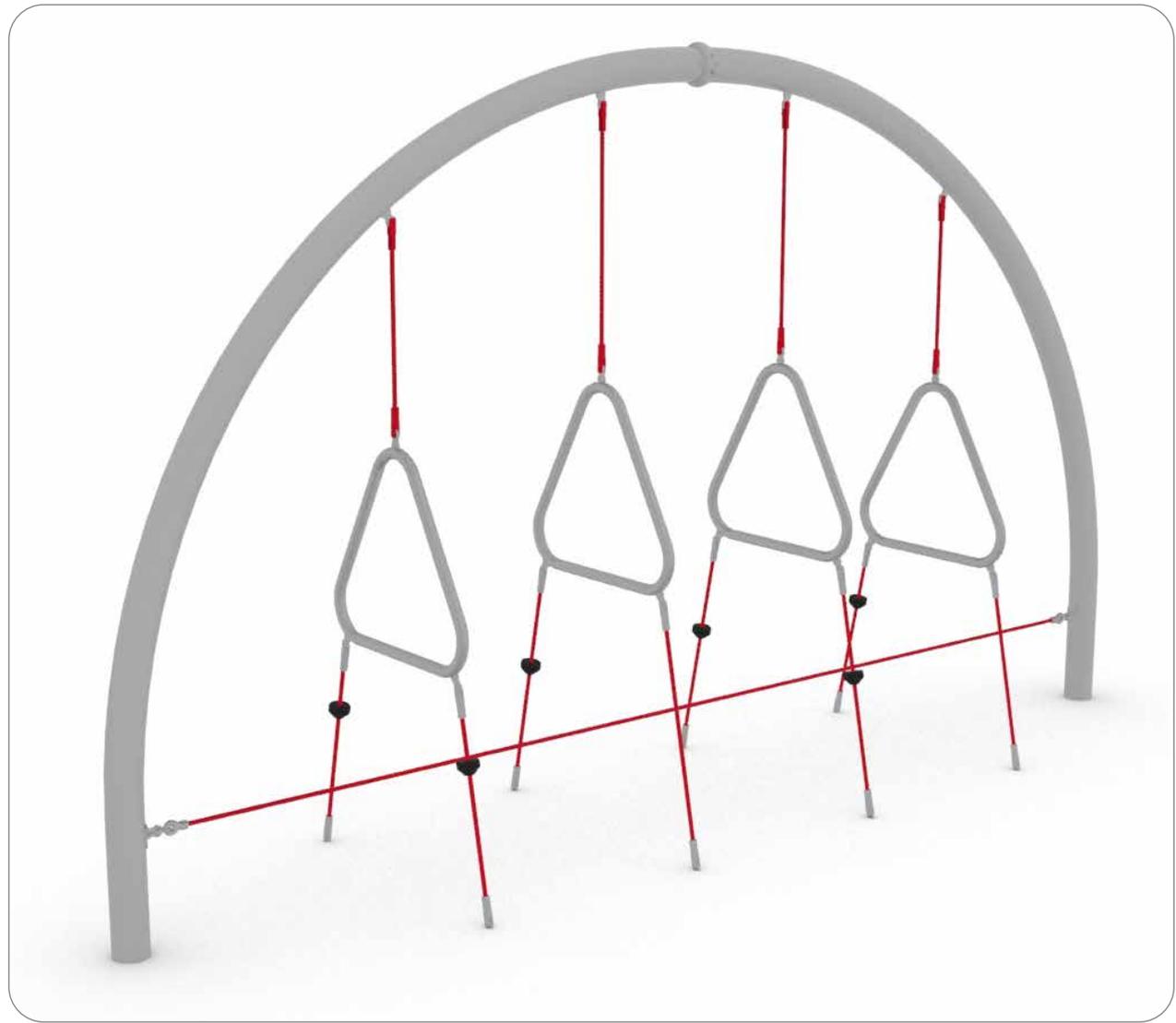
1

Pillars Of Hercules

8079901 **CC** Red

8079902 **CC** Green

★ 5.00 x 5.25



m²
32

1.7

5+

3

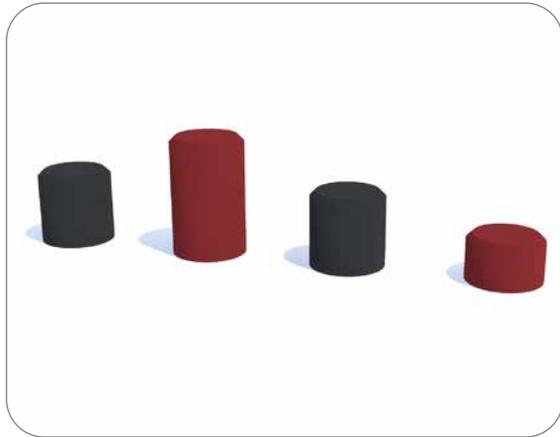
Tierra Del Fuego

8079896 **CC** Red

8079897 **CC** Green

★ 7.95 x 4.00

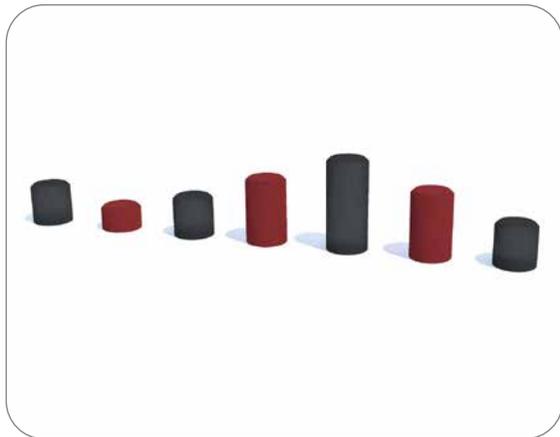
22 Existing NRG Components



Ross Ice Shelf

8079878 **CC** Red

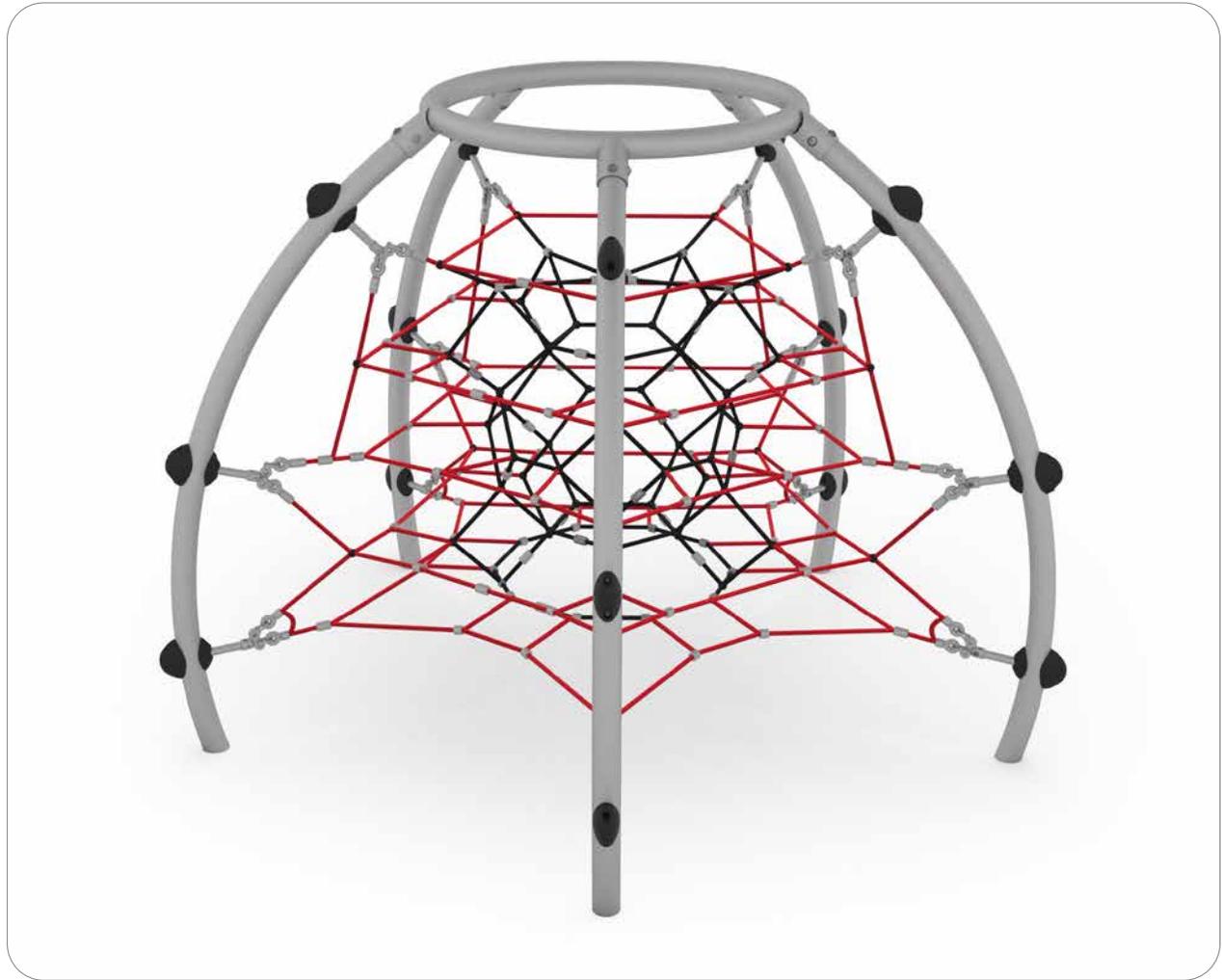
★ 4.65 x 3.45



Giants Causeway

8079889 **CC** Red

★ 6.50 x 3.45



Galdhøpiggen

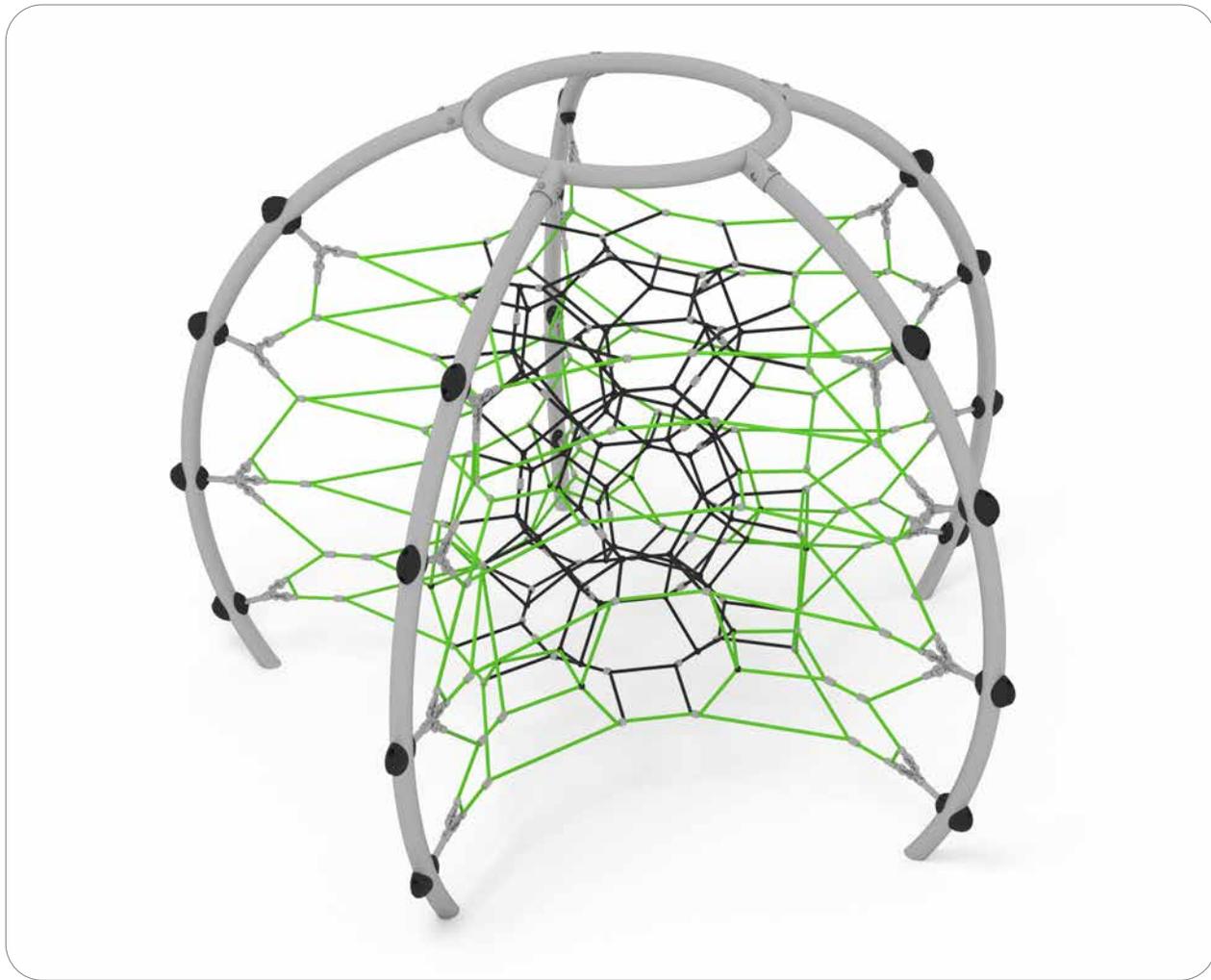
8074937 **CC** Red/Black

8074942 **CC** Green/Black

★ 5.30 x 5.25

8074938 **OM** Red/Black

8074943 **OM** Green/Black



Kebnekaise

8074960 **CC** Green/Black
 8074955 **CC** Red/Black

8074961 **OM** Green/Black
 8074956 **OM** Red/Black

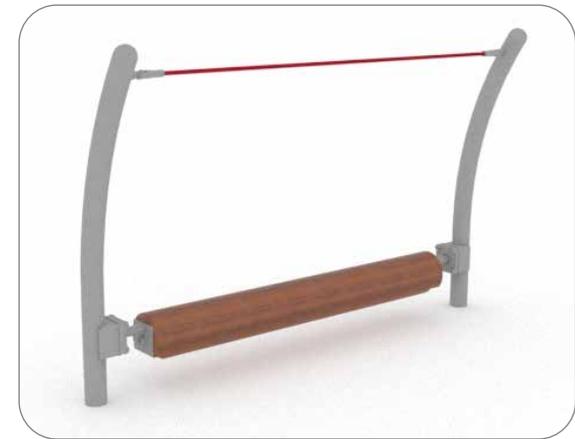
★ 7.20 x 5.05

m²
39

2.25

5+

16



m²
20

0.6

5+

1

Yukon Log Roll

8079899 **CC** Red
 8079900 **CC** Green
 ★ 5.20 x 3.40

NRG Colour Options

Steel - Titanium Grey
 Rope - Red or Green

NRG Anchoring Options

Cast in place (CC)

Galdhøpiggen and Kebnekaise

Cast in place (CC)

*Above ground (OM)

only available as stand alone unit

To view the full NRG range please visit our

website: www.hags.com/NRG





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Inspiring all generations

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...wir bauen Spielplätze