

# The Berliner Advantage

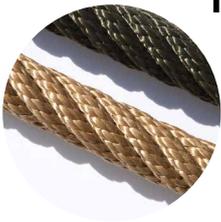
Innovation, design and quality in a league of its own



## Berliner - Play equipment for life

- Owner-managed family business with a long tradition, currently run by the 2nd generation -> quick and direct decision-making, independent reliable partner
- In-house production of all key components for the play equipment, especially own rope production being the core competency -> maximum flexibility
- Interdisciplinary technical team covering all areas -> no limits for customer-specific designs and constructions
- 100% made in Germany -> top quality
- Great innovative power -> various international patents, technological leadership
- Active member of various associations and standards committees -> standard conformity of all products, technical and safety know-how permanently up to date

## The Ropes



- Best abrasion resistance through compressed threads
- Maximum grip through an optimum number of external strands
- Low stretching due to a steel core
- Maximum colour-fastness through the use of polyester threads
- Consistent quality, high flexibility in rope designs and color selection through a proprietary core manufacturing process

## HDPE



- UV stabilizations protects from fading, even with increased sun exposure
- No rotting, no chipping, no splintering or breaking
- Easy cleaning due to stain and graffiti resistance
- No painting necessary
- Very low maintenance

## Bamboo



- Being screwed into HDPE panels, bamboo has no bearing on the structural integrity
- Bamboo is recycable and can be reused for heatproduction
- It has an outstanding energy balance as a rapidly regenerating raw material
- It is tougher and more resilient than wood
- It is highly resistant to wood-destroying fungi

## The Frox connection



- Connection of ropes to posts that are gentle on hands
- No sharp edges, pinch points, openings that are dangerous to fingers
- Proper alignment of rope sections in the direction of tension
- Fast, inexpensive replacement of Frox-balls when they wear out thanks to their two-part design

## The cloverleaf ring



- The cloverleaf ring maintains the loop points securely in position and the forces are transferred from rope to rope
- High-strength, non-corroding aluminium alloy
- The cloverleaf ring makes it possible to replace single ropes on-site
- European patent, worldwide patent application



## The AstemTT tensioning system

- Net can be tensioned particularly easily and evenly
- Proprietary technology allowing for single rope replacement, reducing maintenance time and expense
- Entrapment-free environment for users
- Aluminium spheres are sandblasted and solvent-free powder coated, protecting against corrosion



## Pentagode single-point tensioning

- Patented technology minimizing maintenance
- no impact to surfacing for maintenance as the tensioning point is on top of the structure



## The spherical node

- Safe, shape-locked connection of rope intersection points in surface nets
- High traction, safe hold of the intersection position
- No gaps, edges and openings that can injure childrens' fingers
- Worldwide patent application for the new internal shape
- Corrosion-resistant, recyclable aluminium alloy



## The Chrox connection

- Simple adjustment of rope lengths and rope tensions on-site
- Compensation for installation imprecision
- No pinch points and sharp edges accessible for playing children



# Berliner Playpoints

URBAN DESIGN BERLIN

## Freeride

- Inbuilt absorption, so no additional cushioning is required
- Can also be used on its' own thanks to the rubber bearings
  - Additional "jump effect"



## Disk L & XL

- If necessary, bearings can be replaced on site
- The base part of the disc is made of stainless steel and is therefore particularly durable
- A couple of drain holes positioned at the lowest point ensure optimal water drainage

## Hula-Loop

- The absorption elastomeric bearings are located above the play level
  - Swinging is silent as there is no mechanical grinding noise
- Less noise as the ball does not run through any hollow parts
  - Can be assembled without using a fall protection system

