



INCLUSION



made by HUCK

EXPERIENCING INCLUSION TOGETHER

FOR PLAY SPACES WHERE EVERYONE BELONGS

HUCK    

**“For us, inclusion means
creating spaces
where everyone truly
belongs.”**

Stefan Huck, Valentin Huck & Wolfgang Keiner
CEOs



OUR VALUES

INCLUSION IS NOT ABOUT INDIVIDUAL PRODUCTS – IT'S OUR ATTITUDE

As a family business, we have lived inclusion from the very beginning. Ever since introducing the original Bird's Nest in 1994, we have set new standards and shown that play equipment can be more than entertainment – it can create connection, enable participation, and break down barriers, for children as well as their companions.

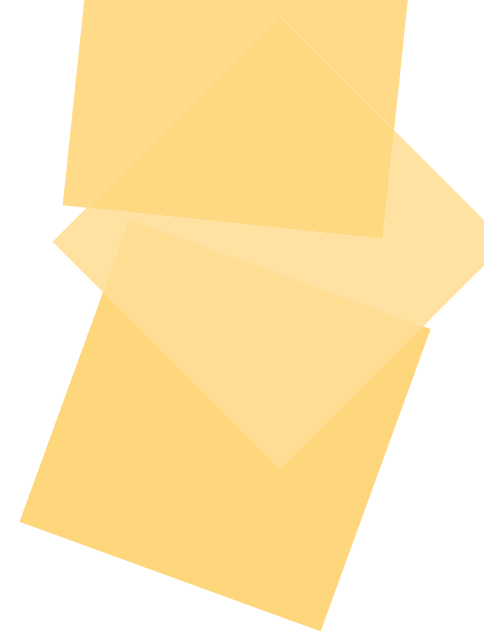
We actively contribute our expertise to the playground standards committee – and since our founding, also to the Subcommittee on Inclusion.

That means: We don't just follow standards – we help shape them.

At HUCK, every person counts.

Our rope play equipment is created out of the conviction that everyone – regardless of physical, mental, or social conditions – should be able to play, explore, and grow together. Play is much more than a pastime. It's a way to understand the world, to get to know yourself, and to experience the feeling: I belong.

That's why we design our equipment to offer challenges at different levels. They open up play spaces for all generations, needs, and abilities. Children can find their own ways to explore, test their limits, and celebrate success – and companions can also take part, whether by supporting, observing, or playing along.





INCLUSION MATRIX

WHY INCLUSION IS MORE THAN A TREND



Inclusion is no longer an optional extra – it's a fundamental part of modern urban and play space design.

Municipalities and architectural offices increasingly work with concrete evaluation tools such as the Nuremberg Inclusion Guide or the Inclusion Matrix, which allows a detailed assessment of playground quality in terms of participation.

Our role: We understand this matrix, speak its language, and help our clients align their projects transparently with it.

HUCK doesn't offer a checklist – we offer co-thinking. Through flexible, adaptable products and open dialogue, we support planners in not only defining their inclusion goals but making them tangible and experienceable.



A man with short brown hair, glasses, and a beard is shown from the chest up. He is wearing a light blue t-shirt and has several tattoos on his arms, including a large star on his right forearm. He is holding a thick, light-colored rope with both hands, and his arms are extended forward. The background is a blurred green wall. The entire image is framed by a yellow border that follows the shape of the photo.

**“Inclusion doesn’t start
with equipment – it
starts with listening.”**

PRACTICE EXAMPLE

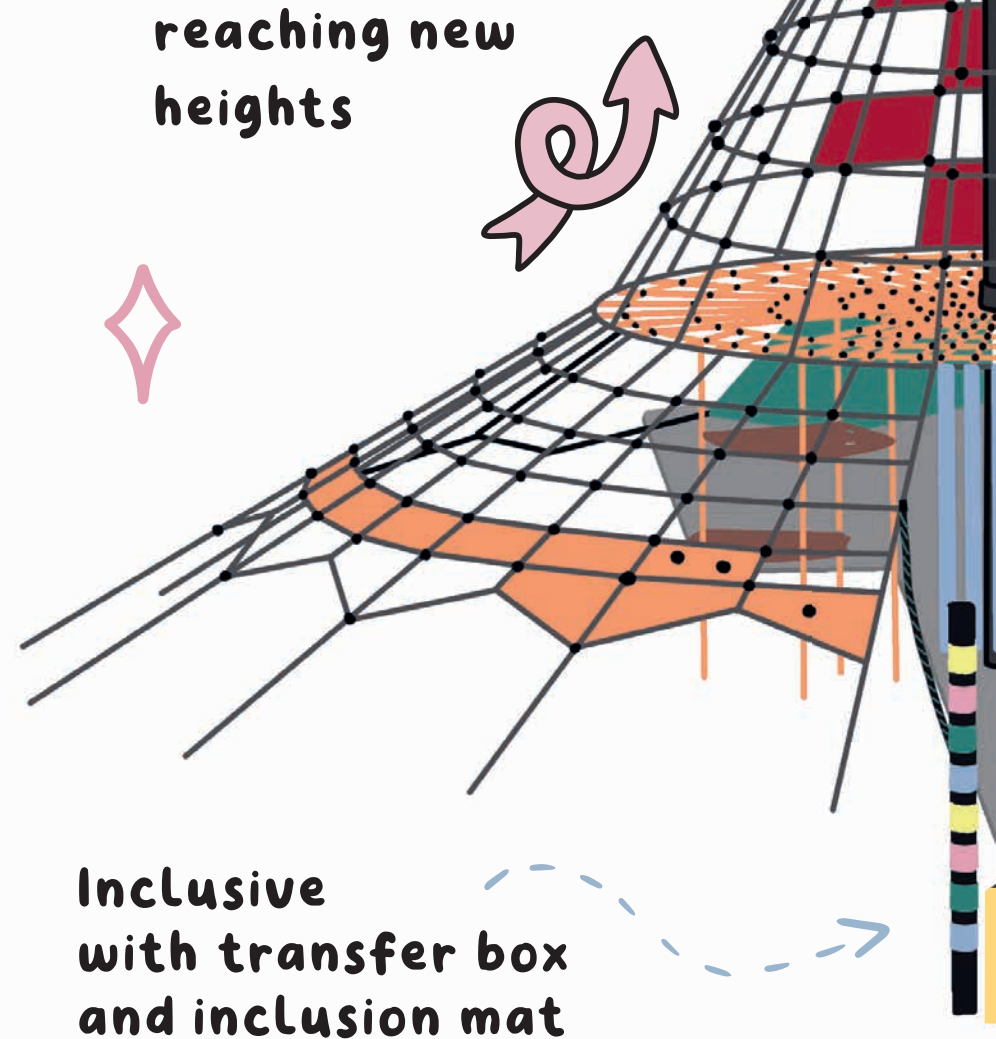
CHEOPS PYRAMID MIDI

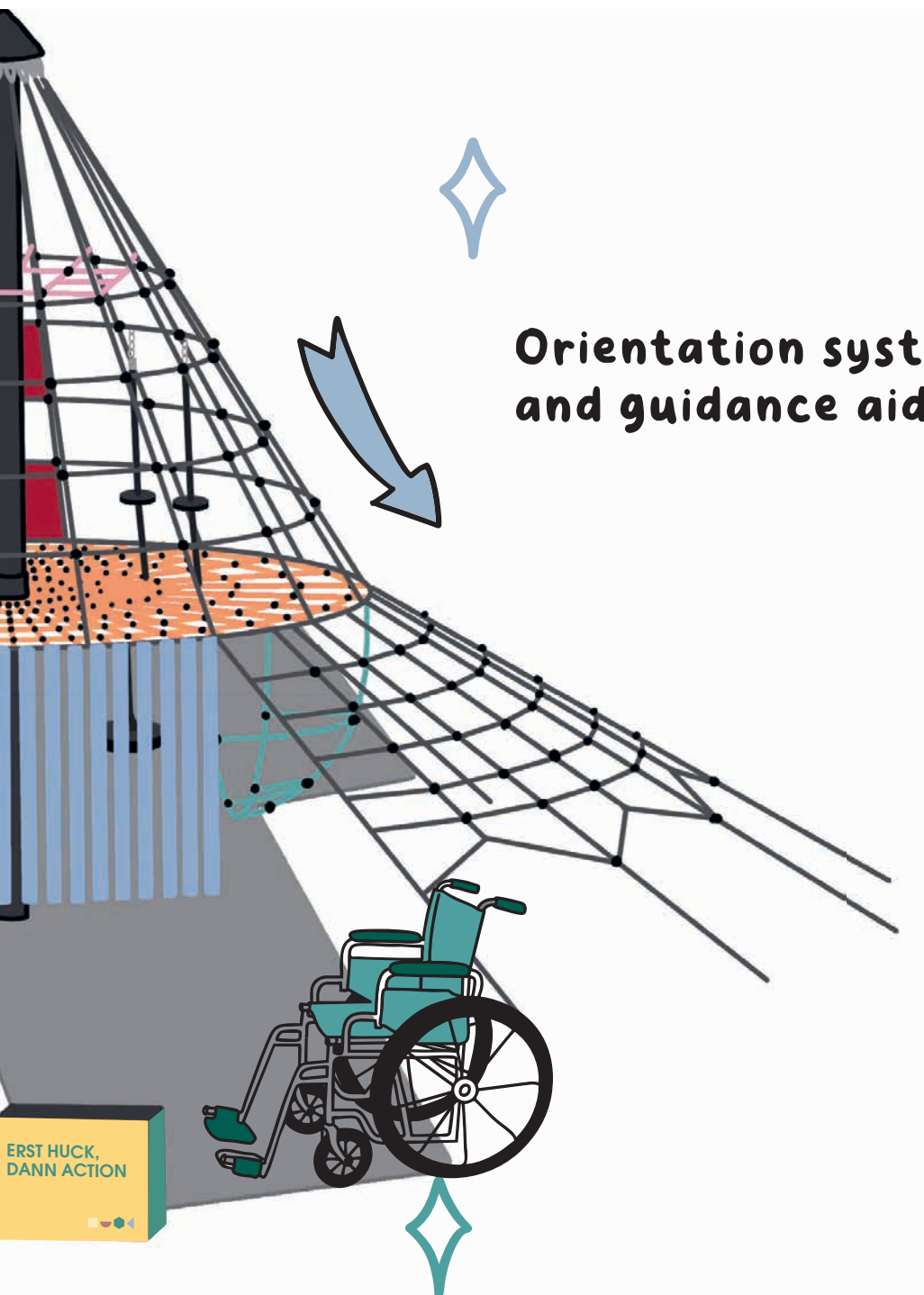
The classic playground pyramid, reimagined: together with an architect specialized in inclusion, we further developed our Cheops Pyramid Midi according to inclusive criteria.

At its core lies the idea that no single product is inclusive by itself – instead, existing concepts can be made more inclusive step by step.



Watch now!
**ALL HIGHLIGHTS
IN THE VIDEO**





Orientation systems and guidance aids

Colors by difficulty level



Easy:
turquoise-
black



Medium:
orange-
black



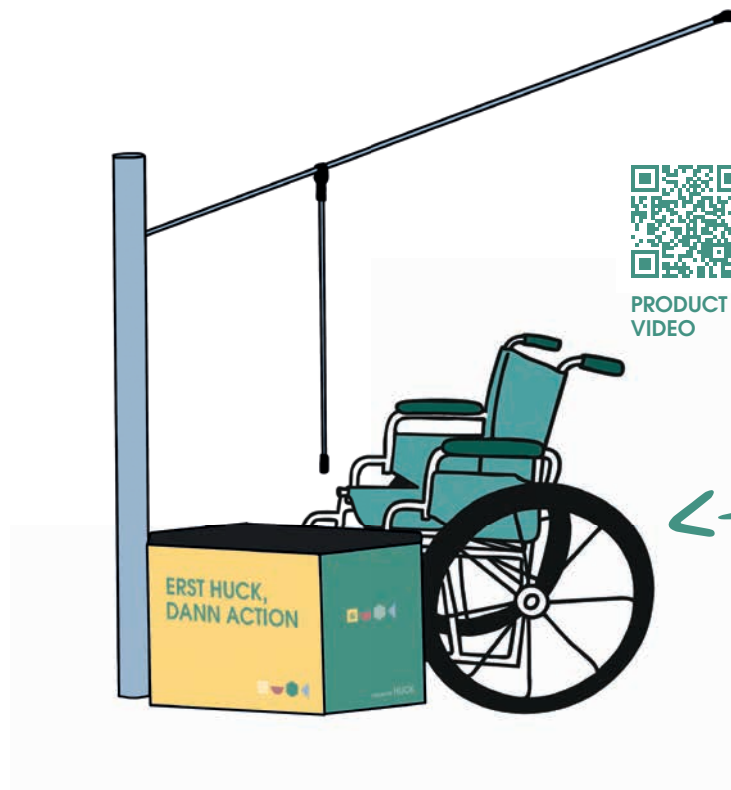
Hard:
fuchsia-
black

Our newly developed two-tone rope offers a real advantage for people with visual impairments thanks to its strong contrast. This contrast principle, built right into the material, supports inclusive design at the material level itself.

NEW

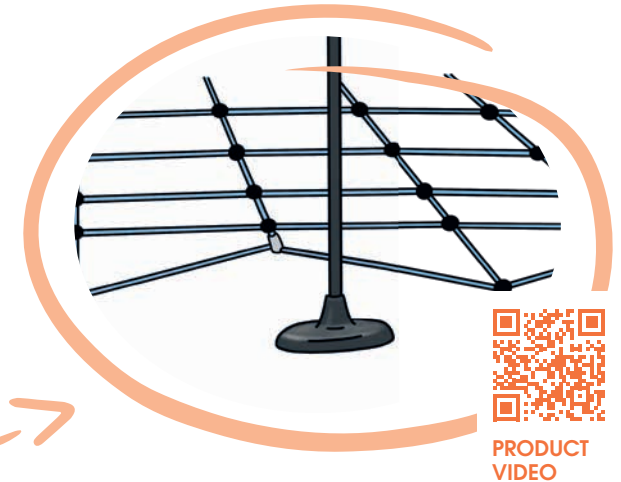
FLEXIBLE MODULES

Modules can be adapted to the project's needs – for maximum planning freedom.



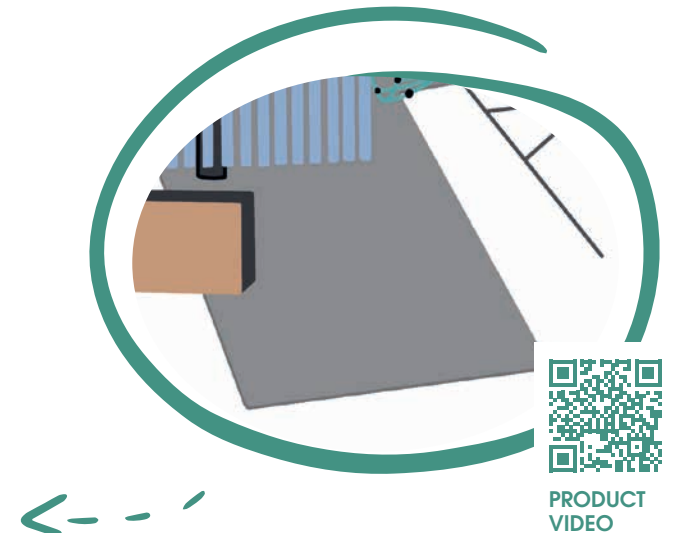
Pendulum Seat

Trains upper-body strength and balance.



Transfer box

Enables transfer from wheelchair to play equipment – for genuine participation.

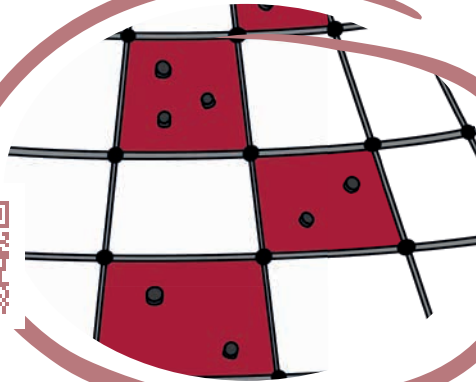


Inclusion mat

Ensures accessibility for all.
Can be combined with any safety surface.

Rubber mat path difficult

This particularly challenges sure-footedness and body control – an exciting balancing act for all age groups.



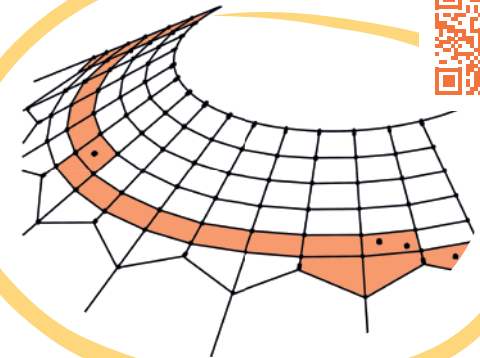
Rope swing

Invites several people to swing, relax, or play together.



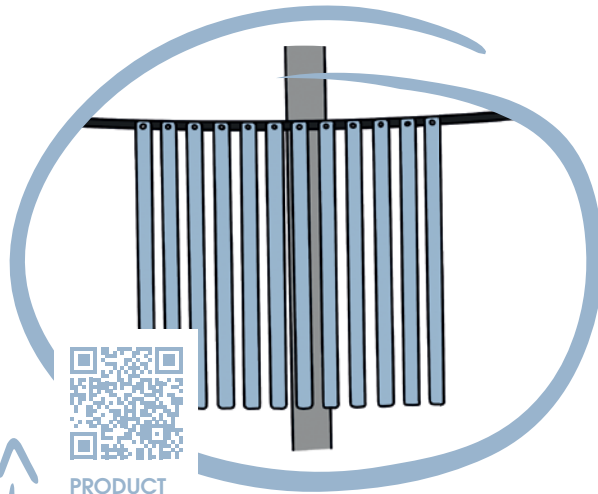
Rubber mat path medium

Trains balance and coordination and offers a sensory experience for feet and body.



Sensory shower

Various materials and textures stimulate the senses.



BERGHAUSEN PROJECT

INCLUSION DOESN'T REQUIRE A NEW PLAYGROUND

Inclusion doesn't have to start from scratch. Many existing playgrounds already provide a good foundation for enabling more people to play together. Targeted adaptations, new access routes or replacing individual pieces of playground equipment are often enough to make a playground more inclusive step by step. This is exactly the approach we are taking with the Berghausen project.

Together with the client, we are developing a concept that makes use of the existing structures and enhances the playground according to actual needs.



BEFORE

LARGE CLIMBING
PYRAMID

WOODEN
PLAYHOUSE

SANDBOX

CAROUSEL

BLACK BEARD
PIRATE SHIP

"BERGHAUSEN" PLAYGROUND
BEFORE RENOVATION

SWING FRAME
WITH BIRD'S NEST



“BERGHAUSEN” PLAYGROUND BEFORE RENOVATION

LIMITED ACCESSIBILITY

Before the renovation, many play areas and pieces of equipment were difficult to access. Gravel used as impact-attenuating surfacing and entry points that were too high made access particularly difficult for people with limited mobility.

LIMITED PARTICIPATION IN PLAY

The existing playground equipment offered very few opportunities for children with different physical or motor abilities. As a result, opportunities for playing together were limited.

LACK OF ORIENTATION

There were no clear orientation aids for people with visual impairments. Paths, play areas and transitions were not sufficiently distinguishable or intuitive to navigate.

LIMITED OPTIONS FOR DIFFERENT AGE GROUPS

The playground was primarily designed for specific age groups. There was no dedicated area for toddlers, meaning that younger children and accompanying families had fewer suitable play opportunities.

LIMITED RANGE OF MOVEMENT EXPERIENCES

Swinging and climbing were available, but other forms of movement were missing. In particular, dynamic activities such as bouncing and jumping were not part of the playground.

LIMITED SPACE FOR SOCIAL INTERACTION

Limited accessibility meant that there were few areas where children and accompanying adults could naturally come together.

As a result, the playground offered limited opportunities to spend time together, interact and connect.



SEE THE
DIFFERENCE
NOW!

BEFORE &
AFTER

INCLUSION made by HUCK

BERGHAUSEN PROJECT

TURNING EXISTING PLAY SPACES INTO PARTICIPATION

Every measure was carefully planned to make the playground accessible and enjoyable for as many people as possible.

Not every change is a major one.
But together, they create a play space that enables more interaction, more participation and more opportunities to play together.



AFTER

SANDPIT WITH
ROPE EDGING AND
SUN SHADE

SPIRAL SPINNER
"INKLU"

BALANCE
ROCKER

BLACK BEARD
PIRATE SHIP

"BERGHAUSEN" PLAYGROUND
AFTER RENOVATION

SWING FRAME
WITH SOMBRERO



LARGE CLIMBING
PYRAMID

“BERGHAUSEN” PLAYGROUND AFTER THE INCLUSIVE RENOVATION

IMPROVED ACCESSIBILITY

Thanks to the two-route principle and the HUCK Inclusion Mat, the playground equipment is now significantly easier to access. Children, accompanying adults and people using mobility aids can move around the playground more easily and reach the equipment directly.

GREATER PARTICIPATION IN PLAY

The play opportunities offered by the equipment have been expanded, allowing more children to actively participate. Different access points, movement experiences and play areas create more opportunities for playing together.

BETTER ORIENTATION

Coloured posts, two-colour ropes and clearly visible orientation ropes make it easier to navigate the playground. People with visual impairments in particular benefit from clearer structures and more easily perceptible guidance elements.



SEE THE
DIFFERENCE
NOW!

BEFORE &
AFTER

OPTIONS FOR MANY AGE GROUPS

Additional playground equipment for toddlers means the playground can now be enjoyed by a wider range of age groups. Younger children also have suitable play opportunities within their own dedicated area.

WIDER RANGE OF MOVEMENT EXPERIENCES

In addition to swinging and climbing, the playground now offers further forms of movement, like balancing and seesawing. Additional play opportunities increase play value and address a variety of motor skills.

NEW SPACES FOR INTERACTION

The Inclusion Mat provides access right up to the playground equipment, creating new spaces for interaction. Combined with the expanded play zones, this creates more opportunities to play together, watch others and connect with one another.

BERGHAUSEN PROJECT

THE SOLUTIONS IN DETAIL

An inclusive playground is not created by a single piece of play equipment. It emerges from a well-conceived overall concept that further develops existing play areas and enables as many people as possible to play together.

BEFORE & AFTER

on pages 14-19

01

02

03

04

05



01

BERGHAUSEN PROJECT

BLACK BEARD PIRATE SHIP



AFTER

SENSORY SHOWER

Different materials and textures stimulate the senses and provide an engaging tactile play experience, particularly for children with visual or sensory impairments, while also making it easier to enter the play structure.



AFTER

RUBBER MAT ACCESS UNDER THE BRIDGE

The new access route now also enables children with disabilities to reach the upper play level.



AFTER

TWO-COLOURED ROPES FOR ORIENTATION

Two-coloured ropes make the different play areas easier to identify. Their strong contrast is particularly helpful for people with visual impairments.



AFTER

TRANSFER BOX WITH GUIDANCE POST AND GUIDE ROPE

The transfer box helps children move from a wheelchair onto the play structure and also provides a place to rest. The guidance post and guide rope make it easier to find and access the entrance to the play structure.

02

BERGHAUSEN PROJECT

SPIRAL SPINNER “INKLU”

WITH INCLUSION MAT



The renovated spinner adds another form of movement to the playground for children with different abilities and needs.



BEFORE



AFTER

Outer Net with Seating Openings

The seating openings in the outer net provide support and orientation, making the equipment easier to use for children with motor impairments.

Sitting, Lying Down and Holding On

Depending on their abilities, children can experience the spinner while sitting, lying down or holding on, allowing them to participate in play in different ways.

Gentle Spinning Movement

The gentle rotation provides a movement experience that stimulates balance and body awareness without being overwhelming.

LARGE CLIMBING PYRAMID



BEFORE



AFTER

The seating options now also allow people with disabilities to actively take part in the spinning movement and share the experience with others.

Seating Openings in the Lower Ring

The turquoise-and-black seating openings indicate an easy play area and provide children with motor impairments with an easily accessible place to sit and hold on.

Nets as Guidance Routes

The orange-and-black rope indicates the medium difficulty level and helps children identify the route through the climbing pyramid that best suits their abilities.

The fuchsia-and-black rope identifies the difficult section and supports orientation for children looking for a greater challenge.

ORIGINAL HUCK BIRD'S NEST SOMBRERO®

WITH INCLUSION MAT



BEFORE



AFTER

Sombrero with Integrated Back Support

Thanks to its integrated back support, the Sombrero provides additional stability and particularly supports children with limited mobility when swinging safely.

Where there was previously no direct access, the Inclusion Mat now creates an accessible route right into the swing area.

05

BERGHAUSEN PROJECT

INCLUSION MAT



BEFORE



AFTER



AFTER



The Inclusion Mats create an accessible route throughout the entire playground and enable people with limited mobility to reach the individual pieces of playground equipment.

INCLUSION made by HUCK

INCLUSIVE PLAYGROUND EQUIPMENT

LOOKING FOR INCLUSIVE PLAYGROUND EQUIPMENT?

Inclusion on a playground is not created by a single piece of equipment. It comes from the interaction of accessibility, play value, movement, social interaction and spaces where people can spend time together. Nevertheless, choosing the right playground equipment is an important building block – particularly when upgrading existing playgrounds, adding new elements or implementing targeted individual measures. The following HUCK product categories offer a wide range of opportunities for playing together, different forms of movement and individual challenges.

We would be happy to work with you to find the right solution for your project.



SWINGS



ORIGINAL HUCK
BIRD'S NEST®

DISCOVER
PRODUCTS



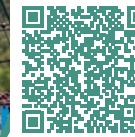
PARCOURS



DISCOVER
PRODUCTS



ROPE NET PYRAMIDS

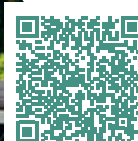


DISCOVER
PRODUCTS



BOUNCING EQUIPMENT

DISCOVER
PRODUCTS



COMPLETE UNITS



DISCOVER
PRODUCTS



CAROUSELS AND SEESAWS



DISCOVER
PRODUCTS

Are you interested in a piece of playground equipment but would like it adapted to your specific requirements?

Contact us at
seiltechnik@huck.net

Together, we will assess which adaptations are technically feasible, appropriate in terms of design and compliant with the relevant standards.

BY YOUR SIDE

WHY INCLUSIVE DESIGN PAYS OFF

The Inclusion Matrix is complex – we make it actionable. Well-planned inclusive playgrounds are often the most creative ones. They surprise, inspire, and bring new perspectives to design. They become places of genuine participation, showpieces for architects, and landmarks for municipalities that live and celebrate diversity.

Our own production facilities, rope factory, and decades of experience make us a partner who not only advises but also realizes. Whether for entirely new projects, products or inclusive upgrades of existing playgrounds – HUCK stands by your side.

“With HUCK by your side, you’re already winning in the tendering phase.”



WHY HUCK IS THE RIGHT PARTNER

Member of the Standard Committee –
Shaper, Not Follower



Own production,
maximum flexibility



Educational focus
Play value at the center



Sustainable materials
Inclusion & ecology –
thought together



Experience + openness
Every playground
is unique



CONTACT US NOW
for custom inclusion
consulting



“Inclusion starts in the mind – and with us, it becomes an experience.”

HUCK is the partner for architects, municipalities, and manufacturers worldwide who want to create real inclusion – not just for their projects, but for people.

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