

The first Giant Construction Kit in the world!



Family business
since 1979



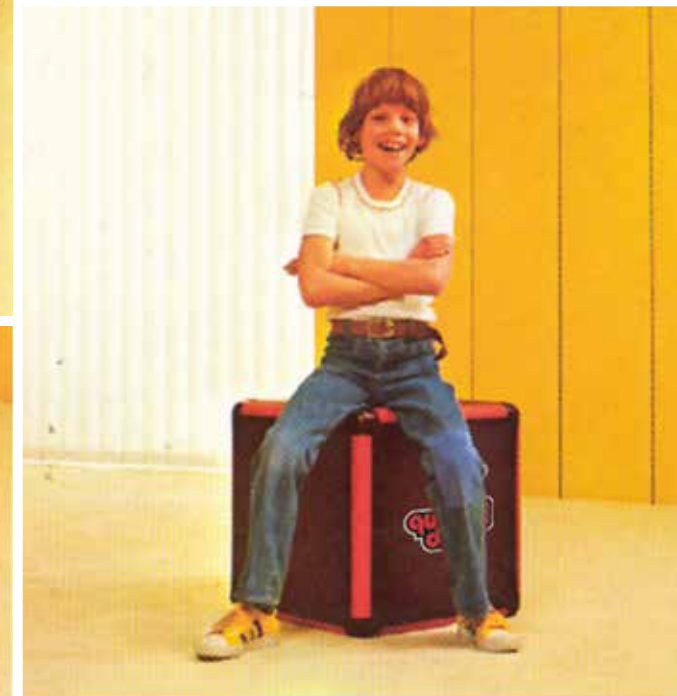
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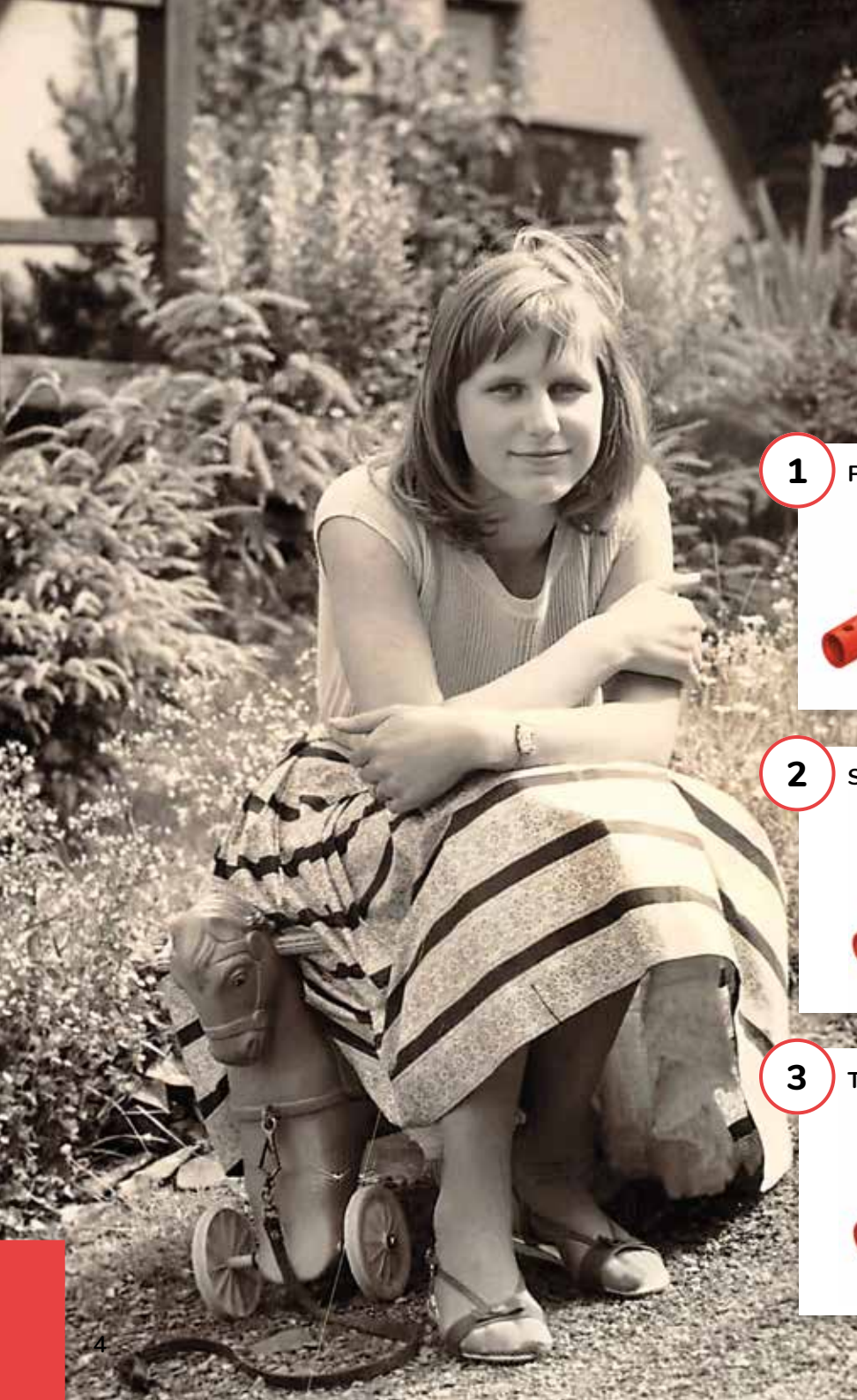
Developed for kindergartens, recommended for your home.



Between 1976 and 1979, a unique toy was developed in collaboration with the German TÜV specifically for kindergartens: QUADRO.

From the very beginning, it was designed to be especially safe and robust, capable of withstanding the intense play conditions in kindergartens. It ingeniously combined the complexity of a modular plug-in system with the simplicity of fewer than ten different connectors, three tube lengths, and two types of panels. Shortly after its introduction, families also discovered this innovative play system for home use. Parents who were looking for durable and safe toys for their children were thrilled with QUADRO. The modular system made it possible to build a wide variety of play structures, such as climbing frames, slides, and playhouses, all of which could be customized to meet the individual needs of their children. Due to high demand, QUADRO quickly found its way from kindergartens into households around the world. Parents especially appreciated the versatility and robust design of the toy, which promotes their children's creativity and motor skills.

QUADRO allows existing models to be rebuilt as often as desired without additional costs, adapting to the growing abilities of the children or changing space and room conditions – whether indoors or outdoors, in winter or summer.



1 Plug together



2 Screw in



3 Turn 90°



Done!



QUADRO Plug-In-System

Three Simple Steps

Doris Rüther, the inventor of QUADRO, was a visionary who revolutionized the world of modular play systems. Her drive for innovation, unwavering commitment to quality and safety, and deep love for children and their healthy development form the foundation of QUADRO's success. With her creative and forward-thinking mindset, she created a product that excites both children and parents.

A core element of Doris Rüther's vision was to create a product for the whole family. QUADRO empowers

families to be creative together, to move, and to play. Parents and children can collaborate on projects, which not only strengthens their bond but also fosters shared experiences and discoveries.

With QUADRO, Doris Rüther developed a play system that connects generations, creates lasting memories, and is ideal for active families with confident and strong children.

German Engineering



QUADRO revolutionized the world of play with the first Giant Construction Kit. Its ingenious design enables limitless large-scale role-playing adventures. Children can build imaginative worlds over and over again, making QUADRO an endless source of creativity and inspiration.

QUADRO not only enhances motor skills but also nurtures children's creative development. As they assemble and design using various connectors, tubes, and panels, kids playfully acquire important practical skills and problem-solving strategies. Parents appreciate QUADRO for its durability and the many educational benefits it provides.

QUADRO TECHNIK

The Belt Drive

At a time when go-karts were the ultimate trend, we developed our own unique solution: the QUADRO belt drive. Unlike traditional go-karts, which used a belt to transfer power from the pedals to a single axle, our system was also used for paddle wheels—like those on padd-

lewheelers—made buoyant with the QUADRO Floating Tube Set. With various add-ons like pedals, children could freely design their own land or water vehicles. Whether operated by hands or feet, the pedals transferred power to wheels, windmills, or water paddles. To this day, notches on the QUADRO Floating Wheels serve as a reminder of the freewheel mechanism required for these innovations back then.



The Steering System



As part of the development of the QUADRO belt drive, an innovative steering system was also created—designed so that each component could serve multiple purposes. This led to the development of the Bearing Connector, Multiwheel Lock, and 1-Way Hole Connector, all of which are still used in versatile ways today.

The Bearing Connector enabled the construction of axles, while the 1-Way Hole Connector and Multiwheel Lock formed the core of the steering function.

Importantly, the steering system could be used independently of the belt drive, allowing children to simply push their self-built vehicles. These multifunctional components made QUADRO vehicles highly creative and adaptable—true to our slogan at the time: Build, Climb, Drive, Slide, Swim.





Did you know?

At minute 0:38 in the 1980s commercial, you can see the propellers in action—powered by the bevel gear drive, which transfers energy from the wheels to the propellers.



en.quadro.to/bevel-differential

Bevel Differential

The bevel gear drive was a remarkable innovation in which a QUADRO connector served as the housing for a gearbox. At its core was the principle of a cone differential, where the bevel gear acted both as an axle and used the inside of the connector as a bearing. This design worked flawlessly and allowed for the installation of up to six bevel gears within a 6-Way Connector.



Unlike the belt drive, the cone differential could redirect or multiply forces at a 90° angle. The resulting kinetic energy could, for instance, be used to power one or more propellers in an airplane model or to lift a container—such as a sand bucket—to higher levels in a climbing structure. This was made possible by the same pedal system that powered both the belt and bevel gear drives.

QUADRO Design



In the early days of QUADRO, the inventor had the idea to create garden furniture using QUADRO components. At a time when options for outdoor furniture were limited, QUADRO offered complete creative freedom. She had tubes, connectors, and panels produced in white and paired them with bright red seat cushions and a matching garden umbrella in the same design. Especially notable were the chairs, where a thick and highly durable nylon material was stretched across the QUADRO frame.

According to the current CEO of QUADRO, these chairs were a part of his childhood, and he vividly recalls being impressed by their durability. Even after more than two decades, the chairs were still in use thanks to their robust construction—long after the red cushions had worn out.

One of the standout innovations was a lounge made entirely from QUADRO parts, featuring an adjustable headrest with multiple angles. Combined with the white Floating Wheels, it blended seamlessly into the garden and exuded a sense of understated elegance.



Did you know?

Even today, QUADRO continues to impress in the field of furniture for adults—for example, with the Modern Beach Chair.

Learn more here:



en.quadro.to/beachchair





Did you know?

The story of QUADRO is exciting and one of a kind. Scan the QR code or visit:



en.quadro.to/ourstory



QUADRO Aqua

Floating Tube Set



QUADRO's original slogan, "Build, Climb, Drive, Slide, Swim," referred to the time when QUADRO could literally float—thanks to its innovative Floating Tube Set. This set, consisting of just two discreet components hidden within tubes and couplings, made QUADRO floatable when combined with the large Floating Wheels. It enabled the construction of stable amphibious vehicles, covered rafts, and other imaginative water-based creations that thrilled both children and adults.



Even back then, QUADRO's durable materials were suitable for use in chlorinated and saltwater environments, making them popular in both public and private swimming pools. It wasn't until the introduction of QUADRO Pools that the slogan was updated to "Build, Climb, Drive, Slide, Splash," placing greater emphasis on playful water fun with the QUADRO pool systems.



QUADROmini

at a 1:5 scale

QUADROmini was developed in the early years of QUADRO—at a time when climbing frame designs were still created without the help of computers. The goal was to offer a quick and simple way to design structures on a small scale—completely screw-free. When the developers' children started enthusiastically playing with QUADROmini, the decision was made to market it.

QUADROmini combines proven QUADRO quality with a compact format, allowing models to be built right at

the desk. Thanks to the identical shape of the components, all designs can be accurately recreated with full-sized QUADRO. As long as the part structures match, the model can be precisely optimized down to the smallest detail and rebuilt without difficulty.

Beyond the design process, QUADROmini also inspires children to engage in creative building projects. Whether it's spaceships, castles, or adventure vehicles—QUADROmini supports fine motor development and encourages freeform creative play.





Quality and Safety since 1979

Our multiple award-winning play systems are defined by the highest safety and quality standards. Each product is manufactured in accordance with strict guidelines and complies with DIN EN ISO 9001. Independent certification bodies regularly verify compliance with all safety standards. For nearly half a century, QUADRO has stood for durable, long-lasting quality – Made in Germany.

Did you know?

QUADRO has stood for proven quality for over 45 years. Scan the QR code or visit:



en.quadro.to/madeingermany



Over 45 years of quality and safety – A selection of awards and certifications:



Cita the Elephant



The well-known logo featuring an elephant on a QUADRO platform dates back to the early 1980s, inspired by the bold question of whether a QUADRO platform could support the weight of an elephant. As luck would have it, a well-known circus was in Hamburg at the time. Contact was made, and by late summer, the challenge was accepted. Cita, a fully grown elephant weighing 2.4 tons, was chosen to stand on a platform specially constructed for the occasion.

Standard QUADRO parts were used, reinforced with an acrylic plate for extra stability. The experiment

was a success and resulted in two iconic photos that have endured for over 45 years.

Learn all about Cita!

Discover the fascinating story behind the QUADRO logo featuring the elephant. Scan the QR code for more info!



en.quadro.to/cita



Unleash the gardener in you!

Back in the 1980s, QUADRO attracted attention with its innovative greenhouses. Now, QUADRONature is bringing this tradition back with a modern approach.

QUADRONature combines the modern concept of urban gardening with QUADRO's proven, durable, and stable construction systems. The focus is on practical benefits for gardening projects and supporting plant cultivation. Hobby gardeners, parents, and children are invited to explore the fascinating world of plants in a playful way.

Special emphasis is placed on growing edible plants, creatively designing flower beds, and cultivating herbs—not only for their rich aromas but also for highlighting the health benefits of certain varieties.

quadro
nature

Tradition meets innovation

Today, QUADRO represents an impressive blend of tradition and innovation. We build on our successful roots while combining them with forward-looking product ideas like QUADROnature. With high-quality materials, practical design, and innovative products for parents and children, we continue to write our story of success.



Join the QUADRO community!

Connect with other QUADRO enthusiasts in our Facebook group and become part of a growing community!

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QUADRO The Giant Construction Kit

QUADRO Nature

QUADROnature combines urban gardening with stable and innovative concepts, inviting children to playfully explore the fascinating world of plants.





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