

**Play value**

Thanks to its various vertical and horizontal net structures, the Rope Course is an exiting challenge for active children and young people who love to try out their acrobatic skills. As the posts and ropes provide enough space to accommodate large numbers of children at the same time, the course is well suited for heavily frequented playgrounds. Horizontal nets invite the rope climbing enthusiasts to take a little break before taking on other challenges.



*The standard colour of ropes red*

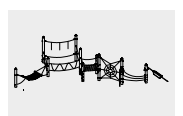
**Rope Course Type 02**

**Fundamental characteristics**

- Modular system based on cylindrical concrete columns
- Strengthen self-protective reflexes
- Play offer: different climbing opportunities
- Movement: climbing, balancing, role-playing games

**Recommended for**

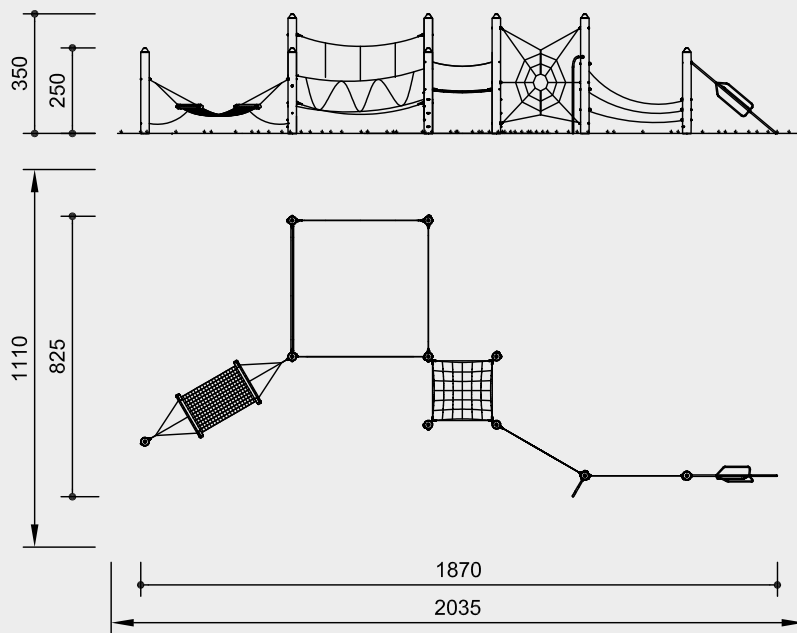
- School children
- Young people
- Supervised play areas, such as kindergartens, schools, after-school programmes or similar
- Public play areas without supervision, such as playgrounds, parks or similar



**6.49020**

**Order No. 6.49020**  
**Rope Course Type 02**

Safety distance →  
Device dimensions ●  
Functional distance —



Not to scale

Safety check according to DIN EN 1176

**Components**

- 10 Concrete columns
- 1 Square net
- 1 Vertical spider web
- 1 PP rope with hand rope
- 26 Climbing grips
- 1 Hammock
- 1 Parallel rope
- 1 Grip rope with walk rope
- 1 Walk rope with hand rope
- 1 Triple rope, installed at a steep angle
- 1 Firemen's pole
- 1 Whisk

**Utility Model**

20 2016 106 097 Germany

**Dimensions**

(small deviations possible)

Height	3.50 / 2.50 m
Length	18.70 m
Width	8.25 m
Weight	5300 kg
Columns diameter	25 cm

**Installation information**

Surfacing requirements corresponding to a fall height of  $\leq 2.00$  m (please refer to price list for more detailed information)

**Foundations**

**Concrete columns**  
10 items  $\varnothing 80$  x height 70 cm  
Excavation depth 90 cm

**Whisk**  
1 items 30 x 80 x 40 cm  
Excavation depth 60 cm

**Firemen's pole**  
1 items 30 x 30 x 30 cm  
Excavation depth 50 cm

**System details**

- Height of columns incl. cone tip 2.50 m and 3.50 m
- Distance between columns up to 4 m
- Arranged in a straight line or in a zig-zag pattern
- Zig-zag line requires 30° layout
- The installation heights for the additional elements can be chosen freely
- Horizontal nets from 1 m height with hand ropes all round
- Ropes installed one above each other (e.g. balancing rope and hand rope) will always be mounted on the same axis (no side offset)
- Horizontal nets can also be installed with an inclination

**Attention:**  
**Exact measurements may vary;**  
**for all installation dimensions refer to current assembly instructions.**  
Technical changes reserved.

**Technical information**

Columns made of self-compacting concrete C40/50, steel reinforced,  $\varnothing 25$  cm, grain size 0 to 8 mm, sand-blasted surface

**Richter Hercules type rope**

Richter Hercules type rope, a combination of galvanised six-strand steel cables and polyester yarn, diameter > 20 mm, laid and glued with very good abrasion resistance, strong sheathing even in the case of damage by puncturing



**Hercules rope**

Hercules rope, for spliced net connections. A compound of steel rope for the core and polyester or polyamide yarn for the sheath. High abrasion resistance, 4 or 6 strands



**Aluminium rope pressing**

Aluminium rope pressing, cylindrically pressed, with rounded ends



**S-connectors**

S-connectors  $\varnothing 8.1$  mm, made of high-quality stainless steel, rounded



**Rotating rope connection**

Rotatable fitting without dangerous openings, with sintered bush with integrated swivel to ensure the rope untwists



**Rope connection with joint**

Close-fitting connection with joint, without dangerous openings, with sintered bush and adjustable screw connection



**Profiled washer**

Profiled washer for covering protruding screw heads according to standard, improved pressure distribution and protection against water. Impedes loosening the bolt



**Adjustable**

Adjustable two-piece bolt connection, easy to maintain, no projecting threads



**Sintered bush**

For all reciprocating movements we use sintered plain bearings which are self-lubricating in use and can easily be exchanged if necessary



**Stainless Chains**

Chains made of steel with high corrosion resistance. Short-linked, without eyelets on the connecting parts, easily replaceable and simple shortening



**For more detailed explanation of the quality characteristics see price list.**

Cone tip made of stainless steel

Professional climbing grips made of a mixture of sand-synthetic resin with safe anti-rotation system against unintended twisting of the grips

