

play equipment

## Play structure

item number

**023835701**

### **product description** (page 1)



#### Posts

Laminated Robinia timber Ø 120 mm with cylindrical milling. End-grain surfaces are covered by non-detachable protective stainless steel caps. Stainless steel tubular pedestal for concrete-cast foundation and for fixed mounting to round Robinia posts, Ø 120 mm, below playing surface.

#### Platforms

Platforms from boards of 30 mm thickness and all-round square-shaped joists 45 x 100 mm. Dried timber from Robinia, planed, milled and free from decay. Force-fitting fastening through specific stainless steel brackets with end-to-end bolt assembly.

#### Attachment parts

- bowed guardrails with roll-off prevention, from stainless steel tubes, Ø 33,7 x 2 mm
- timber infill barriers from Robinia, 125 x 30 mm, fastening between stainless steel tubes Ø 33,7 x 2 mm
- infill panels from highly weather-resistant HPL, fastening between stainless steel tubes Ø 33,7 x 2 mm
- stepped guardrails from stainless steel tubes, Ø 33,7 x 2 mm
- climbing rungs made from stainless steel tubes Ø 33,7 x 2 mm
- cranked ladder rungs made from stainless steel tubes Ø 33,7 x 2 mm
- seats made from highly weather-resistant HPL panel (20 mm thickness)
- tottery bridge suspended from tandem crossbeams, Robinia logs Ø 10 cm, suspended from fine stainless steel chains, protection against the possibility of stepping through
- sloping tottery stairs 0,80 m x 2,40 m, suspended from tandem railings, rungs from Robinia logs Ø 10 cm, fine stainless steel chains
- arch-shaped Robinia bridge
- infill panels (for arch-shaped bridge) from highly weather-resistant HPL, fastening between stainless steel tubes Ø 33,7 x 2 mm
- climb up ramp from highly weather-resistant HPL, 20 mm thickness, stainless steel frame, with five cut-outs for climbing
- climbing net from stainless steel chains, suspended from stainless steel crossbeam
- suspension bridge from Robinia joists 45 x 100 mm with rubber buffers 30 mm, stainless steel supporting cable Ø 10 mm with four tensioning devices, fine stainless steel chains
- plank bridge: V-shaped climbing net construction from Hercules ropes, Robinia footbridge with approx. 40 mm clear distance between the planks. Attachment to a steel frame construction. Barrier height approx. 0,75 m
- stainless steel support posts for a bridge Ø 120 mm

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**023835701****product description** (page 2)

- inclined Robinia ramp with stainless steel tandem guardrail and pre-assembled Hercules rope
- climbing wall with 6 cut-outs from highly weather-resistant HPL, 20 mm thickness, framed by stainless steel tubes
- vertical handle from stainless steel tube Ø 33,7 x 2 mm, as a climbing aid
- climbing pole from tubular stainless steel Ø 38 mm with horizontal arch
- attachment slide, width 0,60 m, one-piece welded assembly with roll-off prevention, sheet metal thickness 2,5 mm, with additional support beneath run-out section. Slide of low noise level thanks to trough-shaping
- tower roof, inclination 80°, made from highly weather-resistant HPL, 13 mm thickness, with whirligig
- hill slide 30°, installation height 2,80 m, stainless steel sliding segments, of low noise level thanks to trough-shaping, one-piece welded assembly, including stainless steel support post for the curved section and fastening flange

**For your planning, due to a possible sliding surface heating, please see to a north-east orientation of the slides or provide half-shade of trees.**

Metal components: stainless steel

Robinia timber is furnished with water-repellent, breathable protective coating. Besides protection from moisture, that treatment reduces crack formation. Thanks to a specific fastening adaptor, forces arising from the modular attachment parts are directly derived into the posts. Tamper-proof connections thanks to screws with protective screw caps.

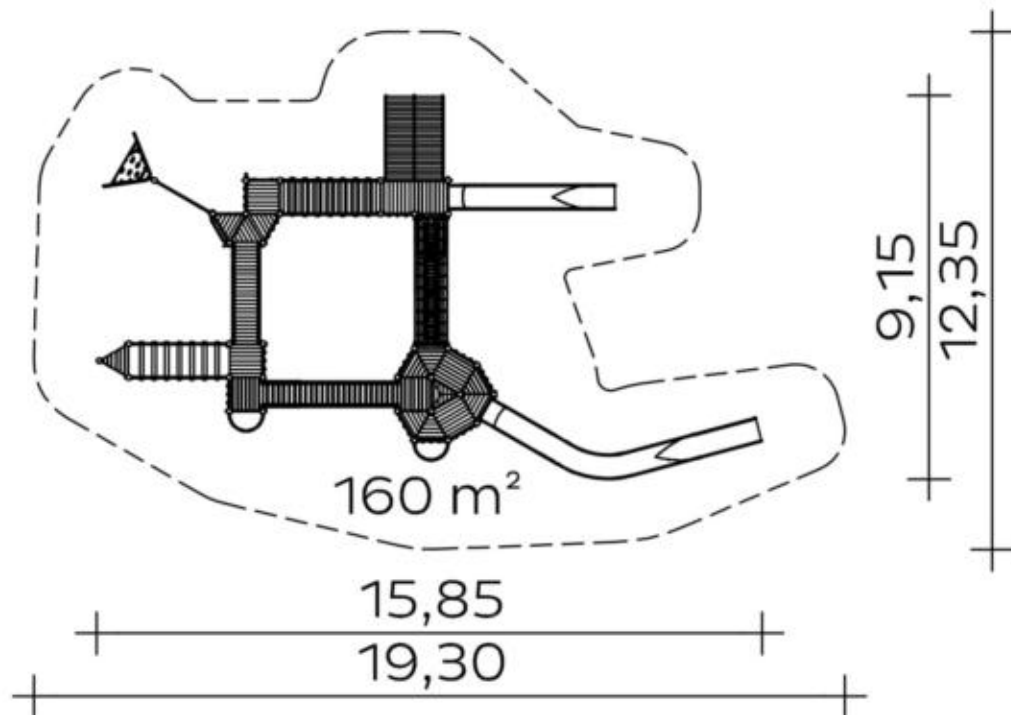
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**023835701**
<https://kaiser-kuehne.com/products/?lang=en>

### product data



(without scale)

### installation

|                               |   |        |
|-------------------------------|---|--------|
| play equipment [m]            | l | 15,85  |
|                               | w | 9,15   |
|                               | h | 6,40   |
| minimum space [m]             | l | 19,30  |
|                               | w | 12,35  |
|                               | h | 6,40   |
| impact area [m <sup>2</sup> ] |   | 160,00 |
| free height of fall [m]       |   | 2,90   |
| number of mechanics           |   | 4      |
| assembly time [hrs]           |   | 15     |
| lifting device                |   | yes    |
| single weight [kg]            |   | 210    |
| total weight [kg]             |   | 3.205  |

### foundations

| l [m] | w [m] | h [m] | vol [m <sup>3</sup> ] | qty |
|-------|-------|-------|-----------------------|-----|
| 0,40  | 0,40  | 0,40  | 0,064                 | 34  |
| 0,75  | 0,40  | 0,40  | 0,120                 | 1   |
| 1,40  | 0,75  | 0,40  | 0,420                 | 1   |
| 0,30  | 0,30  | 0,40  | 0,036                 | 7   |
| 1,00  | 0,60  | 0,50  | 0,300                 | 2   |
| 0,40  | 0,40  | 0,60  | 0,096                 | 1   |
|       |       |       | 3,664                 | 46  |

### usage

|                   |                                                                                                                                                                                                              |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| areas of use      | public playgrounds                                                                                                                                                                                           |
| activities        |                                                                                                                                                                                                              |
| age groups        | 4+                                                                                                                                                                                                           |
| number of users   | 50                                                                                                                                                                                                           |
| slide heights [m] | 2,10 2,90                                                                                                                                                                                                    |
| platform heights  | 0,20 1,20 1,60 1,80 2,00 2,20 2,40 2,60 2,80 3,00                                                                                                                                                            |
| inclusion         | Meeting opportunity  Drama play    |
|                   | Individual games  Functional play  |
|                   | Speed  Balancing                   |
|                   | Group games  Altitude experience   |
|                   | Coordination  Parallel play        |
|                   | Self-awareness                                                                                                          |

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### variants

16769 *Classic*



16770 *Pirate*



26299 *Aloha*



26300 *Beach*



26301 *City*



26302 *Coral*



26303 *Ice Palace*



26304 *Jungle*



26305 *Mermaid*



26306 *Nature*



26307 *Ocean*



26308 *Safari*



26309 *Sky*



26310 *Sun*



26311 *Sunny Day*



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**variants**

26312 *Sweden*

