

play equipment

## Water Play Structure

item number

**034410500**
**product description** (page 1)


### Posts

Posts made from stainless steel tubes Ø 120 x 3 mm covered by non-detachable protective stainless steel caps. Except for posts level with platforms, end-grain surfaces are covered by non-detachable protective stainless steel caps.

### 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. The pump platform is additionally covered by profiled stainless steel sheet.

### Attachment parts

- stairs for post attachment made from Robinia 170 x 45 mm, fixed to stainless steel framework Ø 33,7 x 2 mm, step spacing 133 mm
- pair of stainless steel infill barriers for stairs, Ø 33,7 x 2 / 20 x 2 mm, one-piece welded assembly
- sand pulley with rubber scoop and stainless steel chain, link thickness of 4 mm. Continuous loop construction to block its drawing into adjoining playing areas/free spaces
- sand funnel without stopper, stainless steel half-shell with welded-on stainless steel ring
- sand chute from coloured HPL in a tubular stainless steel frame
- bowed guardrail with roll-off prevention, from stainless steel tubes, Ø 33,7 x 2 mm
- tandem guardrail 0,80 m/ from stainless steel tubes , Ø 33,7 x 2 m
- ladder rung from stainless steel tubes, Ø 33,7 mm
- entrance guardrail with roll-off prevention, welded assembly from stainless steel tubes Ø 33,7 x 2 mm, consisting of a horizontal guardrail and vertically positioned bent retaining
- stainless steel infill barrier, Ø 33,7 x 2 / 25 x 2 mm, one-piece welded assembly
- trough-shaped attachment slide, width 0,60 m, one-piece welded assembly, stainless steel sheet thickness: 2,5 mm, with roll-off prevention above the entrance section

### Water pump with handle

Suction pipe connection 1 ¼ in (pipe diameter at least ¾ in), welded stainless steel construction, fully encapsulated pump housing, pump mechanism with roller and anti-friction bearing. During winter season, a removal of the upper housing and the handle is indispensable, (winter) cover panel for the bottom part is included with delivery. Facilitating fastening to solid ground or

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e.g. a platform on site.

Please note:

The installation of the water pump to a pressure water pipe requires a K&K Valve combination (item no. 0-33190-000 or 0-33195-000).

If the water supply to the pump (through a clock timer or similar) is interrupted, the pump handle must be safeguarded against operation (for example by the K&K pump latch, item no. 1040639). This prevents a handle setback due to an increasing negative pressure.

Please also consider the basic technical details given in the installation instructions (such as spacing, pipe diameters etc.); upon request, you will receive them directly from K&K or by downloading the corresponding PDF from [www.kaiser-kuehne.com](http://www.kaiser-kuehne.com).

**Water storage basin**

Base area: Ø 0,86 m

Welded stainless steel construction with a tubular outlet pipe. Conical rubber closing with locking mechanism for complete water extraction. Sheet metal thickness: 2 mm at least / tube Ø 33,7 mm, post attachment

**Y-shaped water trough**

Welded stainless steel construction with one water feed and two run-offs, sheet metal thickness: 2 mm at least/ tube Ø 38 mm. Including flexible flap (2 pcs.) with stainless steel knob and reinforced rubber blade, clamping device for tube attachment Ø 38 mm. Limited shifting on choice.

**Water swirl table**

Welded stainless steel construction with five adjustable triangular HPL plates for water flow obstruction. Sheet metal thickness: 2 mm at least, tube Ø 33,7 mm resp. Ø 30 mm

**Water distributing table (0,75)**

Total height: 0,90 m

Welded structure made of stainless steel with two water outlets. Conical stopper made of rubber with fixing device for total removal of water. Thickness of sheet steel: min. 2 mm/pipe Ø 38 mm. Anchorage by means of ring-shaped bottom flange. At extra charge, there are appropriate ring-shaped concrete foundations for flange fastening and concrete form blocks for masonry works to compensate different levels or for a safe installation with loose fall protection surfacing (sand, gravel etc.).

**Basin with water outlet pipe for terracing installation, post attachment**

Base area: Ø 0,90 m

Total height: 0,14 m

Welded stainless steel construction with outlet pipe, sheet metal thickness: 2 mm at least / tube Ø 38 mm

**Water trough 0,80 m**

Welded stainless steel construction. Sheet metal thickness: 2 mm at least / tube Ø 38 mm, inclined run-off. Designed for inclined installation for water supply and run-off by means of additional tubular support(s).

**Water trough 1,60 m**

Welded stainless steel construction. Sheet metal thickness: 2 mm at least / tube Ø 38 mm, inclined run-off. Designed for inclined installation for water supply and run-off by means of additional tubular support(s). Including flexible flap with stainless steel knob and reinforced rubber blade, clamping device for tube attachment Ø 38 mm

**Stand alone bottom basin for screw pump**

Welded stainless steel construction with discharge drilling, closed by a cylinder screw. Screw connection of the bottom bearing of the screw pump. Sheet metal thickness 2 mm at least / tube Ø 38 mm. At extra charge, there are appropriate ring-shaped concrete foundations for flange fastening and concrete form blocks for masonry works to compensate different levels or for a safe installation with loose fall protection surfacing (sand, gravel etc.).

**Screw pump (2,00) with hand wheel and revolving disc at the upper end**

Length: 2,00 m

Outer diameter: 0,25 m

Hand wheel diameter: 0,80 m

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Welded stainless steel construction for post attachment, with roller bearings, base bearing facilitating screw fastening.

Modular collecting basin

Welded stainless steel construction with discharge pipe. Sheet metal thickness 2 mm / tube Ø 38 mm, for post attachment

Water trough 1,60 m for post attachment

Welded stainless steel construction 0,80 m x 1,60 m, Sheet metal thickness: 2 mm at least / tube Ø 38 mm, inclined run-off. Including flexible flap with stainless steel knob and reinforced rubber blade, clamping device for tube attachment Ø 38 mm

Water wheel for post attachment

Wheel diameter: Ø 0,60 m

Welded stainless steel construction for post attachment, for water collection from a trough on top, 12 paddle wheels, rounded on the front end, framed by side panels. Sheet metal thickness: 2 mm at least. Water wheel mounted in roller bearing.

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 screw connections thanks to screws with security socket.

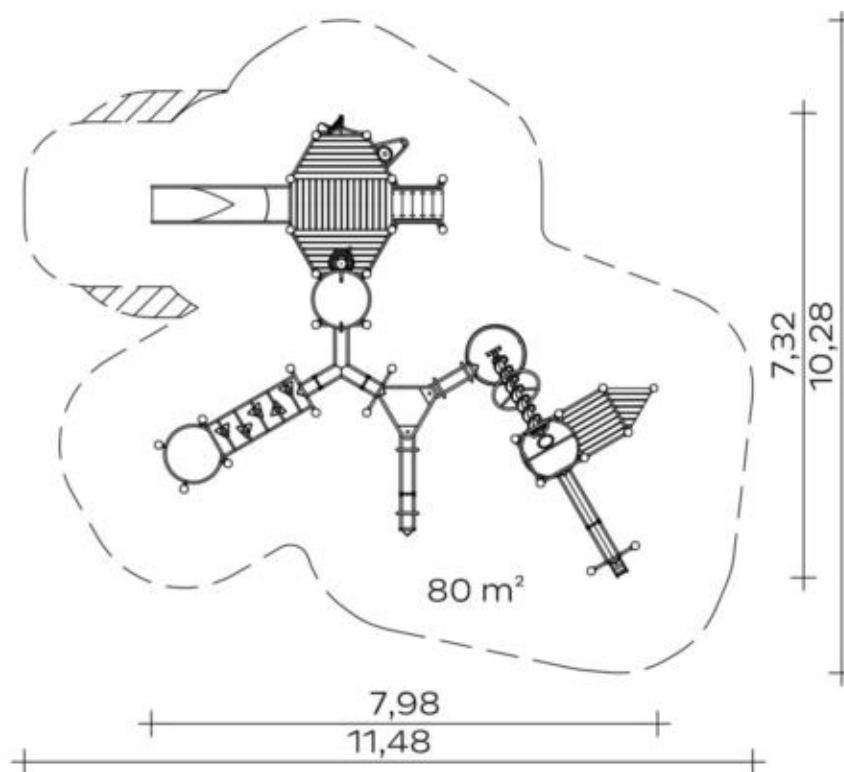
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## Water Play Structure

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

### product data



(without scale)

### installation

play equipment [m]	l	7,98
	w	7,32
	h	2,30
minimum space [m]	l	11,48
	w	10,28
	h	2,30
impact area [m²]		80,00
free height of fall [m]		1,00
number of mechanics		3
assembly time [hrs]		24
lifting device		no
single weight [kg]		75
total weight [kg]		1.316

### foundations

l [m]	w [m]	h [m]	vol [m³]	qty
0,40	0,40	0,40	0,064	29
0,75	0,40	0,40	0,120	1
0,30	0,30	0,40	0,036	4
			2,120	34

### usage

areas of use

activities

age groups

2+

number of users

44

slide heights [m]

0,90

platform heights

1,00 0,80 0,60

inclusion

Drama play

Exploratory game

Feeling

Speed

Altitude experience

Parallel play

Fumbling

Individual games

Fine motor skills

Functional play

Group games

Coordination

Self-awareness

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## Water Play Structure

### 034410500

#### variants

17986 *Classic*



30509 *Aloha*



30510 *Beach*



30511 *City*



30512 *Coral*



30513 *Ice Palace*



30514 *Jungle*



30515 *Mermaid*



30516 *Nature*



30517 *Ocean*



30518 *Pirate*



30519 *Safari*



30520 *Sky*



30521 *Sun*



30522 *Sunny Day*



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### **variants**

30523 *Sweden*

