

play equipment

Water Play Structure

item number

034410700

product description (page 1)



Posts

Laminated Robinia timber Ø 120 mm with cylindrical milling. Except for posts level with platforms, 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 play level.

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

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handle is indispensable, (winter) cover panel for the bottom part is included with delivery. Facilitating fastening to solid ground or 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.

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

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Hand wheel diameter: 0,80 m

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

product data

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

0,60 0,80 1,00

inclusion

Drama play

Exploratory game

Feeling

Speed

Altitude experience

Parallel play

Fumbling

Individual games

Fine motor skills

Functional play

Group games

Coordination

Self-awareness

(without scale)

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variants

19139 *Classic*

30614 *Aloha*

30615 *Beach*

30616 *City*

30617 *Coral*

30618 *Ice Palace*

30619 *Jungle*

30620 *Mermaid*

30621 *Nature*

30622 *Ocean*

30623 *Pirate*

30624 *Safari*

30625 *Sky*

30626 *Sun*

30627 *Sunny Day*


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variants

30628 *Sweden*

