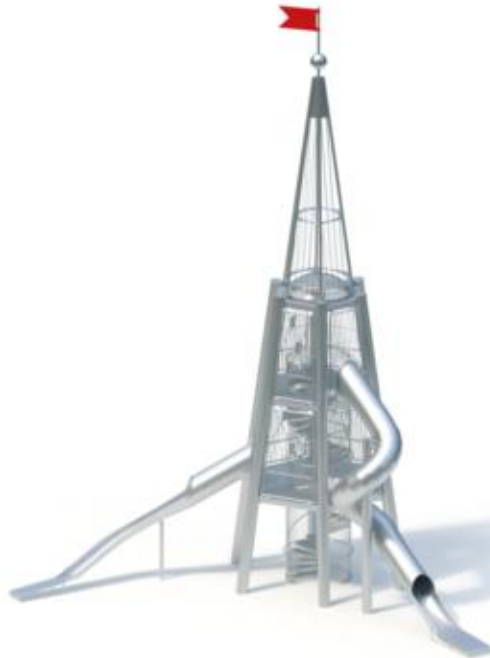


play equipment

Dalben tower (17,00)

item number

911517001**product description** (page 1)Brief description

K&K Dalben tower (17,00) with tunnel hill slide (3,00) and helical tunnel slide (6,00)

Posts

Tubular steel, Ø 355 mm, hot-dip galvanised

Platforms

Stainless steel platforms, welded construction with lug pattern, glass bead blasted, screw-fitted flange fixing to posts

Access

spiral staircase up to platform height 6,00 m, Ø 1,90 m with stainless steel steps, protective barriers and balustrades from stainless steel, glass bead blasted

Protective barriers

upwards from platform height 3,00 m, welded structure made of stainless steel tubes Ø 21,3 / 48,3 mm, with handrails, glass bead blasted, screw-fitted flange fixings at platforms.

Tower roof

Height: 9,00 m

Stainless steel roof with opal dome light Ø 2,00 m, welded structure, glass bead blasted, screw-fitted flange fixings at posts

Tower top

Tubular construction from stainless steel Ø 20/90 mm, glass bead blasted; screw-fitted flange fixings at posts (top ends furnished with protective stainless steel caps)

Top element

Corrugated rubber flag with flag pole

Anchorage

Dowelling of each base plate by means of 6 stainless steel injection anchors, material specification A4.

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product description (page 2)

As damage protection, the tower is equipped with a lightning conductor.

K&K Tunnel hill slide (3,00)

Sliding sections from stainless steel, of low noise level thanks to tunnelled trough shape, one-piece welded assembly consisting of the following components:

- 16100 K&K Tunnel slide entrance section (30°)
- 16110S K&K Straight section for 30° tunnel slide, length 0,55 m
- 41590 K&K Hill slide tunnel slide adaptor
- 41550S K&K Straight section, length 0,20 m
- 41610 K&K 3 pcs. of helical tunnel slide sections, counterclockwise course at an angle of 27°
- 41550S K&K Straight section, length 0,50 m
- 41660 K&K medium sized run-out section

including K&K Hill slide support post from stainless steel tube Ø 120 x 3 mm, stainless steel fastening flange

K&K Helical tunnel slide (6,00)

Sliding sections from stainless steel, of low noise level thanks to trough shape, slide in three parts, including appropriate connecting flanges to facilitate installation on site, consisting of the following components:

- 16100 K&K Tunnel slide entrance section (30°)
- 16110070 K&K Straight section for 30° tunnel slide, length 0,70 m
- 16140 K&K Waved section for tunnel slides 30°/38°
- 16155 K&K Helical tunnel slide section 38°, clockwise course at an angle of 360°
- 16148 K&K Waved tunnel slide section 38°/30°
- 16110070 K&K Straight section for 30° tunnel slide, length 0,70 m
- 16180 K&K Tunnel slide run-out-section (30°)

including a centre pylon made from tubular stainless steel: Ø 298,5 x 7,1 mm

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.

The foundation sizes indicated in this quotation correspond to static requirements for soils with moderate solubility with an admissible footing pressure of at least $\sigma_{R,d} = 180 \text{ kN/m}^2$ for towers with six posts.

With a deviating soil characteristic or with installation in areas with a high wind load (differing from wind zone 2 in Germany, equates to $v_{ref} = 25,0 \text{ m/s}$) or with a high snow load (differing from snow load zone 2 in Germany, equates to $s_k \geq 0,85 \text{ kN/m}^2$), technical modifications of the product construction might become necessary (for instance the addition of cross bracings). Thereby, additional costs and the extension of the delivery time will arise.

Upon request of the customer, Kaiser & Kühne can engage a recognised engineering office to establish the necessary static calculation. The customer must bear the costs arising hereby. Any necessary evidence of the local conditions must be provided by the customer.

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

product data

(without scale)

installation

play equipment [m]	l	11,70
	w	12,30
	h	17,98
minimum space [m]	l	15,80
	w	15,20
	h	17,98
impact area [m²]		118,00
free height of fall [m]		2,30
number of mechanics		3
assembly time [hrs]		26
lifting device		yes
single weight [kg]		1.400
total weight [kg]		11.000

foundations

l [m]	w [m]	h [m]	vol [m³]	qty
1,20	1,00	0,90	1,080	6
0,40	0,40	0,60	0,096	1
1,40	0,75	0,40	0,420	1
0,80	0,80	1,00	0,640	1
1,00	0,40	0,40	0,160	3
1,40	1,40	0,90	1,764	1
			9,880	13

usage

areas of use	public playgrounds	
activities	sliding	motion activity
age groups	4+	
number of users	37	
slide heights [m]	3,10 6,10	
platform heights	3,00 6,00	
inclusion	Individual games	Functional play
	Speed	Altitude experience

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variants

17252 *Classic*

