

play equipment

Dalben tower (17,00)

item number

913517001**product description** (page 1)Brief description

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

Posts

Laminated larch Ø 350 mm with triple protective paint finish, supported by hot-dip galvanised steel footings

Platforms

Stainless steel platforms, welded construction with lug pattern, glass bead blasted, screw-fitted flange fixings at posts.

Access

Helical stairs 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

Wind flag

Anchorage

Dowelling of each base plate by means of six stainless steel injection anchors.

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product description (page 2)

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

Tunnel hill slide (3,00)

Sliding sections from stainless steel, of low noise level thanks to tunnelled trough shape, one-piece welded assembly including K&K Hill slide support post from stainless steel tube Ø 120 x 3 mm, stainless steel fastening flange

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

helical course at 360° to the right

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		0
assembly time [hrs]		0
lifting device		no
single weight [kg]		0
total weight [kg]		0

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
8,116				12

usage

areas of use	
activities	
age groups	4+
number of users	39

inclusion	Individual games		Functional play	
	Speed		Altitude experience	

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variants

17234 *Classic*

