

play equipment **Dalben tower (20,00)**
item number **911520001**

product description (page 1)



Brief description

K&K Dalben tower (20,00) with tunnel slide, helical tunnel slide and roller slide

A. Dalben tower

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 9,00 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 handrail, glass bead blasted, screw-fitted flange fixings at platforms.

Cross bracing M20 System mconnect, DIBT license No. Z-14.4-441 according to DIN 18800: hot-dip galvanised fork heads from quenched and tempered steel casting. Tension rods from high-strength fine-grained structural steel S460N.

Tower roof

Height: 12,00 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

Two-piece wind rotor, Ø 500 mm with powder-coated half shells made from stainless steel, mounted to an anti-friction bearing

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Anchorage

Dowelling of each base plate by means of 6 stainless steel injection anchors, material specification A4.
As damage protection, the tower is equipped with a lightning conductor.

B. Roller slide (3,00)

Installation height: 3,00 m
Entrance height: 3,10 m
Slide inclination: approx. 15°
Diameter of tunnel section: 0,96 m
Diameter of the sliding rollers: 50 mm
Sliding sheet metal thickness: 2,5 mm

K&K Roller slide, length 15,00 m, straight, with light domes.

Roller slide sections with interior handrail guideway made from stainless steel, one-piece welded assembly.
Grip openings on both sides of the entrance section. Light domes made from break-proof Polycarbonate.
Stainless steel rollers mounted to anti-friction bearings.

C. Helical Tunnel slide (6,00)

Installation height: 6,00 m
Entrance height: 6,10 m
Slide inclination: 30°/38°
(Clockwise) helical course: 360°
Diameter of tunnel section: 0,80 m
Sliding sheet metal thickness: 2,5 mm
Centre pylon made from tubular stainless steel: Ø 298,5 x 7,1 mm, stainless steel sheet coating Ø 313 x 2,5 mm

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.

D. Tunnel slide (9,00)

Installation height: 9,00 m
Entrance height: 9,10 m
Slide inclination: 30°/36°
Diameter of tunnel section: 0,80 m
Sliding sheet metal thickness: 2,5 mm
Tubular stainless steel support post Ø 120 x 3 mm

Sliding sections from stainless steel/Light domes made from break-proof Polycarbonate, of low noise level thanks to trough shape, slide in three parts, including appropriate connecting flanges to facilitate installation on site.

Course: 25° curve to the right, 105° curve to the left

Including K&K Tunnel slide support posts made from tubular stainless steel Ø 120 x 3 / 159 x 4 mm with stainless steel fastening flange.

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

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must be provided by the customer.

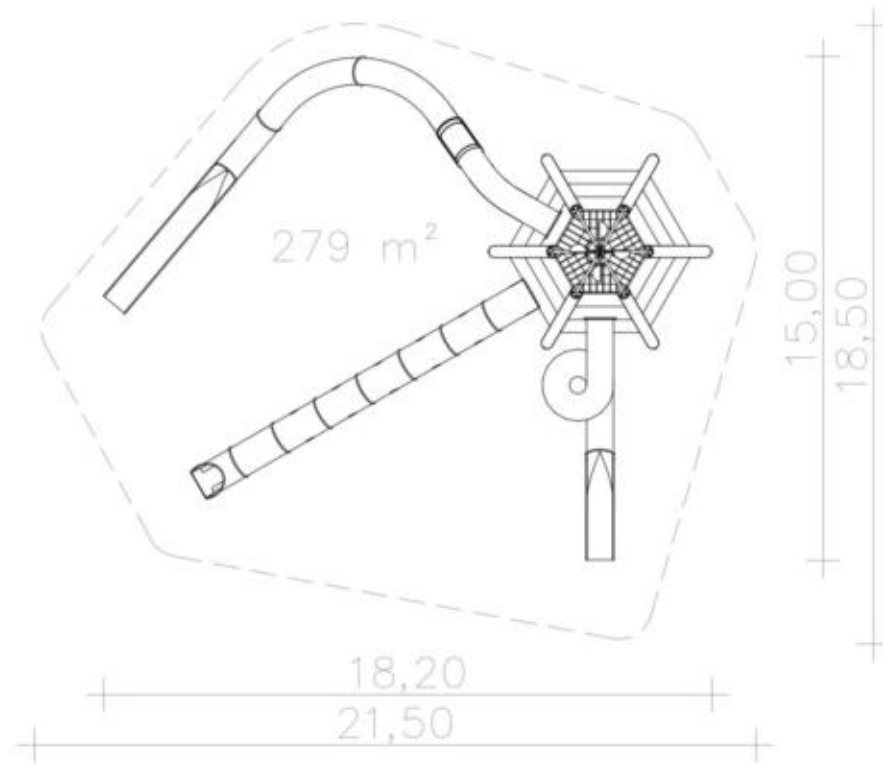
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<https://kaiser-kuehne.com/products/?lang=en>

product data







(without scale)

installation

play equipment [m]	l	18,20
	w	15,00
	h	19,96
minimum space [m]	l	21,50
	w	18,50
	h	19,96
impact area [m²]		279,00
free height of fall [m]		0,90
number of mechanics		3
assembly time [hrs]		36
lifting device		yes
single weight [kg]		1.400
total weight [kg]		13.000

usage

areas of use	public playgrounds		
activities	sliding		motion activity
age groups	4+		
number of users	57		
slide heights [m]	3,10	6,10	9,10
platform heights	3,00	6,00	9,00
inclusion	Individual games	 Functional play	
	Speed	 Altitude experience	

foundations

l [m]	w [m]	h [m]	vol [m³]	qty
1,20	1,00	0,90	1,080	6
0,60	0,60	0,60	0,216	3
1,00	0,40	0,40	0,160	8
0,80	0,80	1,00	0,640	1
1,20	0,40	0,40	0,192	1
1,40	1,40	0,90	1,764	1
			11,004	20

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variants

17251 *Classic*

