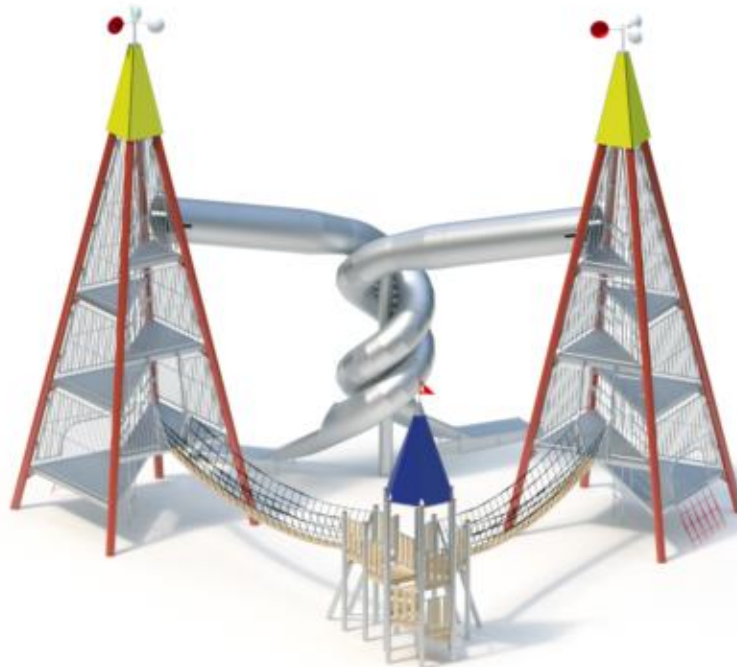


play equipment      **Dalben tower (10,50)**  
item number        **910105031**

**product description**      (page 1)



Dalben tower consisting of:

Two Dalben towers (10,50) with climbing net access made from chains (1,00 m) and three-piece wind rotor, linked by a combined roller/tunnel slide (6,00).

Passage to playing structure respectively across a plank bridge (6,83 m und 7,35 m).

Posts

Steel, Ø 193,7 x 4 mm, hot-dip galvanised

Platforms

Triangular stainless steel platforms, welded construction with lug pattern, glass bead blasted, screw-fitted flange fixing to posts. Stainless steel ladder access from platform to platform (safety barrier included), height of the first rung: 0,50 m

Protective barriers (upwards from platform height 1,00 m)

Welded structure made of stainless steel tubes Ø 21/33,7 mm, glass bead blasted, screw-fitted flange fixing to posts

Tower hood

High pressure laminate 15 mm.

Top element

Three-piece wind rotor.

Access to platform at 1,00 m

climbing net access from Hercules ropes, Ø 16 mm, mesh size 300 m x 300 mm (axial dimension)

Combined roller/tunnel slide

Installation height: 6,00 m

Entrance height: 6,10 m

Roller slide inclination: 15°

Roller slide diameter: 0,96 m

play equipment      **Dalben tower (10,50)**  
item number        **910105031**

**product description**      (page 2)

Tunnel slide inclination: 30°/38°  
Tunnel slide diameter: 0,80 m  
Sliding sheet metal thickness: 2,5 mm  
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.

roller diameter: 50 mm

Centre pylon: hot-dip galvanised tubular steel Ø 298,5 x 7,1 mm/stainless steel metal sheet covering Ø 313 x 2,5 mm  
Sliding sections from stainless steel, of low noise level thanks to trough shape, slide in five parts, including appropriate connecting flanges to facilitate installation on site.

**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.**

Plank bridges, length 6,83 m / 7,35 m

V-shaped climbing net construction from Hercules ropes, Robinia footbridge with approx. 40 mm clear distance between the planks. Attachment to a steel frame construction, barrier height approx. 0,75 m, with Robinia support posts Ø 120 mm

Playing structure

- posts made from stainless steel tubes Ø 120 mm covered by non-detachable protective stainless steel caps.
- 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.
- bowed guardrails with roll-off prevention, from stainless steel tubes, Ø 33,7 x 2 mm
- timber infill barriers from Robinia, 125 x 30 mm, fastening between stainless steel tubes Ø 33,7 x 2 mm
- tower roof, inclination 72°, made from highly weather-resistant HPL, 13 mm thickness with revolving tower flag

Anchorage

Dowelling of each base plate by means of 2 stainless steel injection anchors, material specification A4.  
As damage protection, the tower is equipped with a lightning conductor.

**The foundation sizes indicated in this quotation correspond to static requirements for soils with moderate solubility with an admissible footing pressure of at least  $\sigma_{R,d} = 150 \text{ kN/m}^2$ .**

**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.**

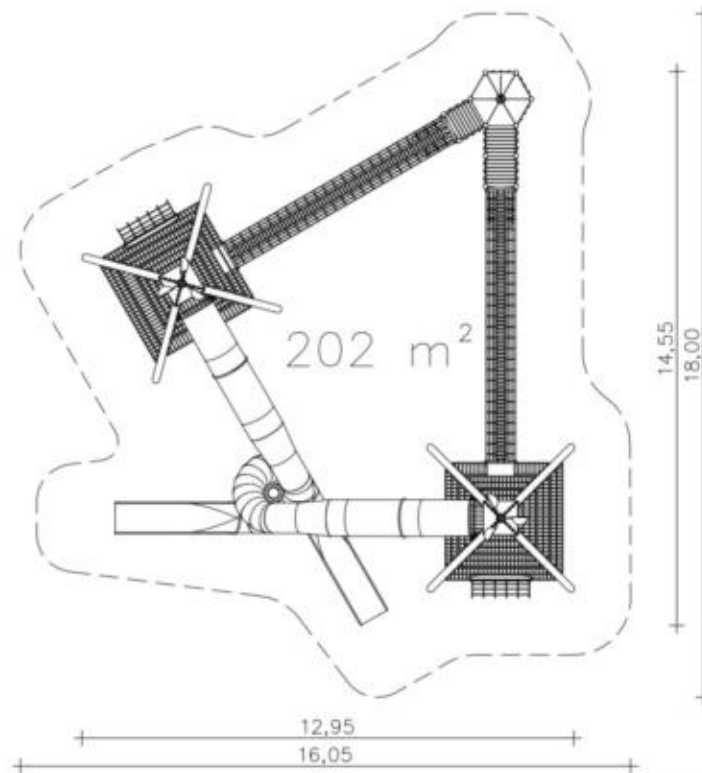
play equipment

## Dalben tower (10,50)

item number

**910105031**
<https://kaiser-kuehne.com/products/?lang=en>

### product data



(without scale)






### installation

play equipment [m]	l	12,95
	w	14,55
	h	11,40
minimum space [m]	l	18,00
	w	16,05
	h	11,40
impact area [m²]		202,00
free height of fall [m]		2,00
number of mechanics		4
assembly time [hrs]		60
lifting device	yes	
single weight [kg]		1.000
total weight [kg]		10.880

### foundations

l [m]	w [m]	h [m]	vol [m³]	qty
1,20	1,20	0,50	0,720	8
1,00	0,40	0,50	0,200	2
1,00	1,00	0,90	0,900	1
1,00	0,40	0,40	0,160	6
0,40	0,40	0,60	0,096	5
1,20	1,20	0,40	0,576	2
1,20	0,70	0,60	0,504	2
			10,660	26

### usage

areas of use	public playgrounds			
activities	sliding	motion activity		
age groups	4+			
number of users	95			
slide heights [m]	6,10			
inclusion	Individual games		Functional play	
	Speed		Balancing	
	Altitude experience		Coordination	
	Fumbling			

play equipment

## **Dalben tower (10,50)**

item number

**910105031**

### **variants**

17263 *Classic*



17264 *City*

