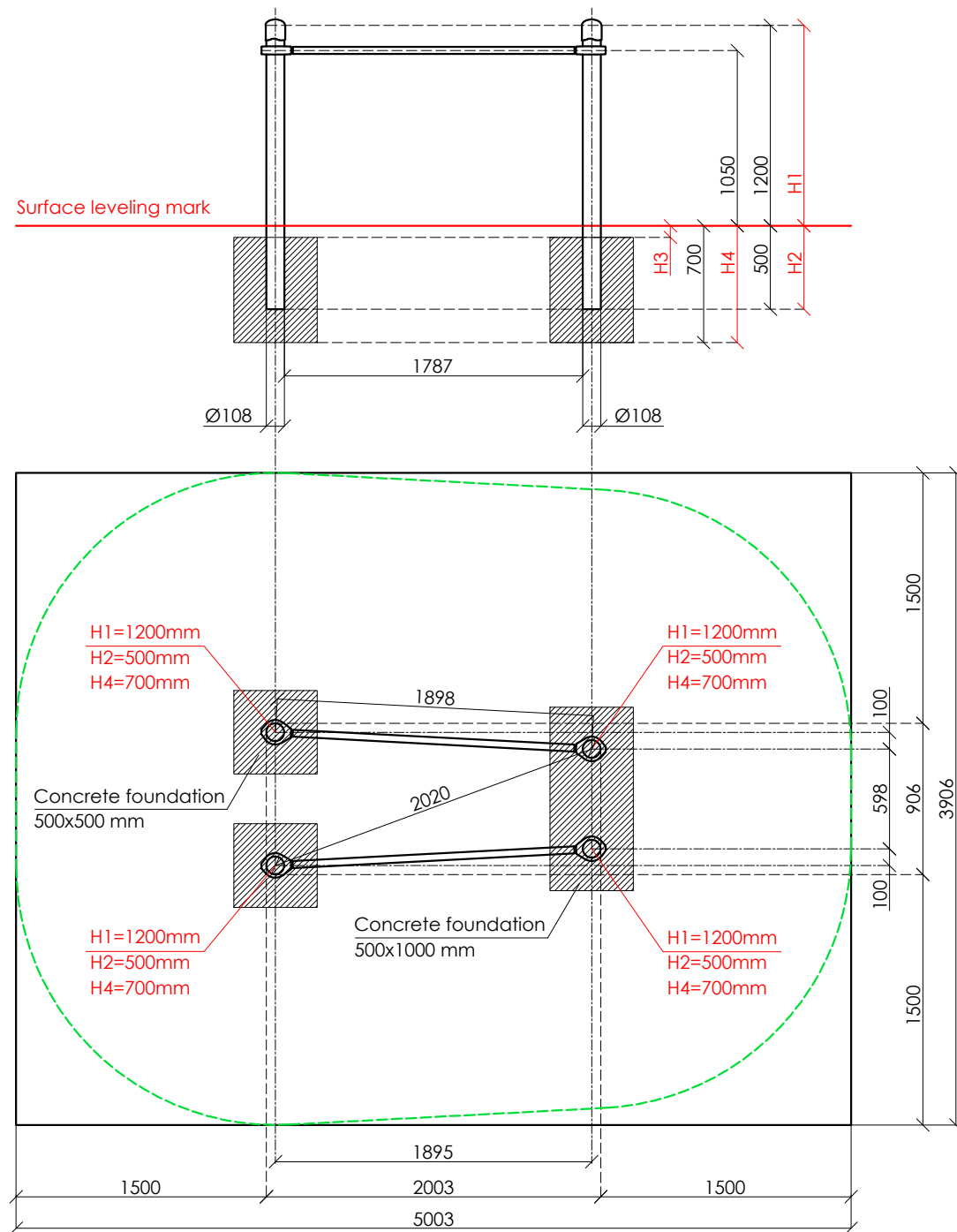
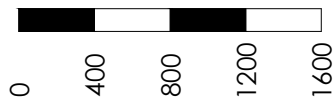


SCALE 1:40



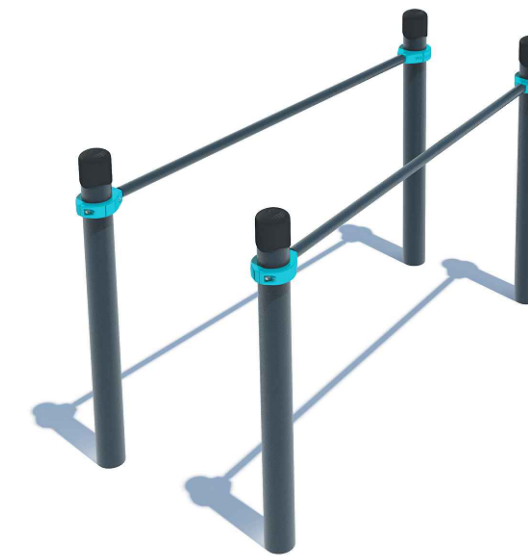
**KENGURU
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P-009

PARAKENGURU Various width parallel bars



The complex consists of four vertical columns 1200mm in height and two bars 1790 mm in length. The distance between the bars is 598 mm at one end and 798 mm at the second end. Total width difference for the bars is 200 mm. Construction is secured together with siluminium clamps.

Installation instructions:

- Choose a suitable underground for the unit.
- Prepare the construction pit with a drilling machine or other devices.
- Before pouring the concrete all structures elements must be leveled and fixed.
- Complex elements must be fixed and bolted together with metal clamps.
- Ready-made C25 concrete should be used.
- Crossbars installation height can be changed according to customer's wishes.
- Approximately 0,15m³ concrete is needed for each spot foundation.
- Under the structures we recommend to install absorbing rubber cover.

The size of the hole for the foundation is depending on the consistency of the ground. The dimensions mentioned above are applicable for normal conditions with firm ground. If the ground is extremely soft, a much bigger foundation is needed. Use only appropriate material and follow the installation instructions closely!!!

Foundation plan and area of movement of the P-009 PARAKENGURU Various width parallel bars

Technical information

Foundation when using Shock absorbing underground (synthetic – rubber granulates)		Beveling of foundation when using loose filling material		Technical information		
H3	Drop height	H3	Drop height	width:	906 mm	
40 mm	> 1.2.....1.4 m	20 cm	< 1.0 m	height:	1250 mm	
50 mm	> 1.5.....1.7 m	30 cm	< 2.0 m	length:	2003 mm	
60 mm	> 1.8.....2.0 m	40 cm	< 3.0 m	largest part:	1790 mm	
70 mm	> 2.1.....2.5 m			weight:	81.8 kg	
				floor space required	5003 x 3906 mm	
				pipe measurements:	diameter:	wall thickness:
					108 mm	3.2 mm
					42.4 mm	3.2 mm
					33.7 mm	3.2 mm
				metal parts:	steel, galvanized, powder coated RAL 7016 (anthracite grey)	
				metal clamps:	siluminium, powder coated, RAL 5018 (turquoise blue)	
				bolts for metal clamps:	stainless steel, Pin Hex Button Head Security bolts M10	
				max. free fall height:	< 1050mm	possible underground see DIN 79000:2012-05 Tab.2 or installation instructions
				user height:	> 140 cm	
				maximum user weight:	130 kg	
				certificates:	TÜV Rheinland InterCert Kft.	

