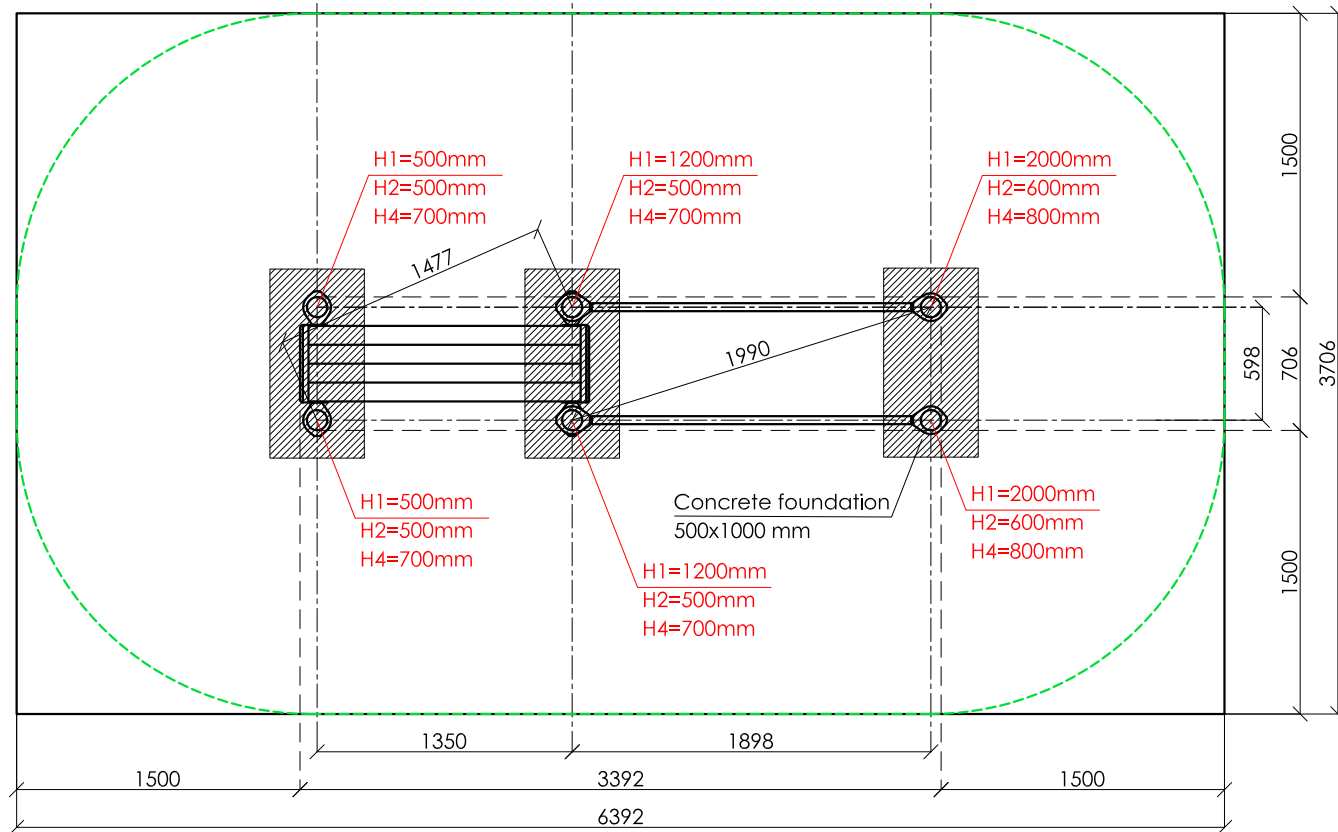
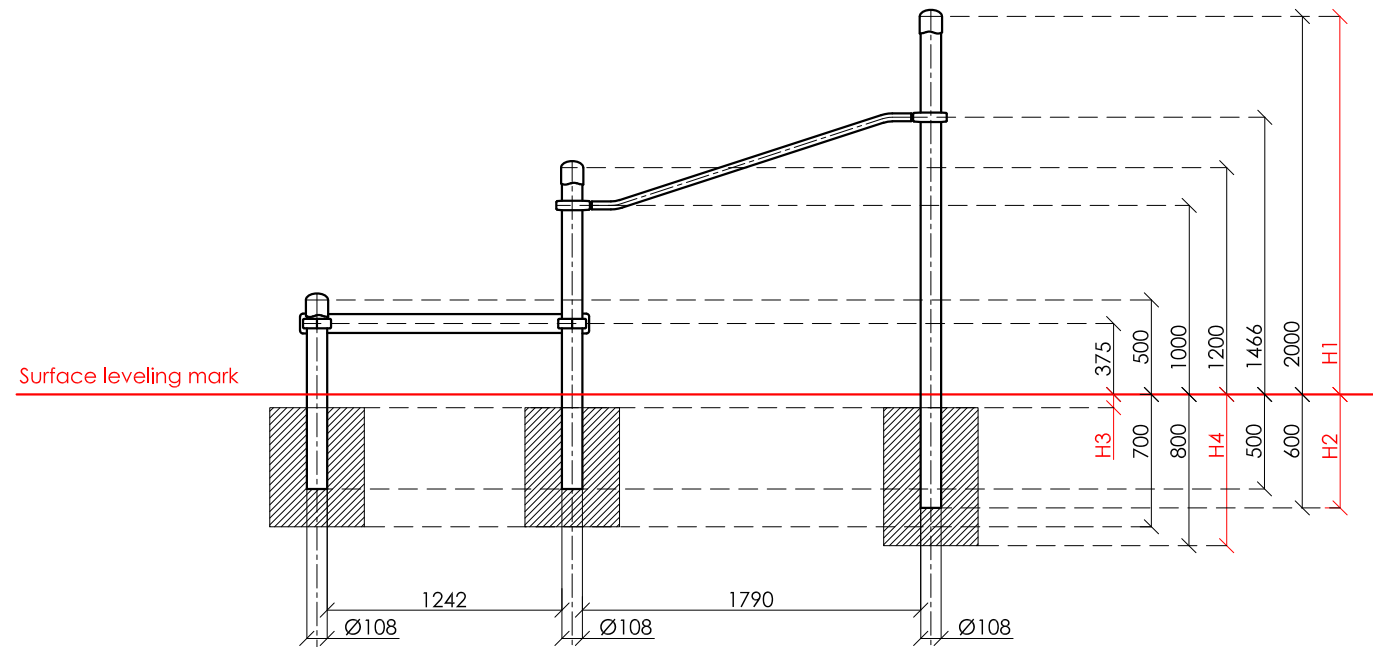
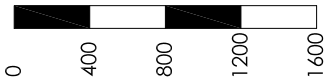


SCALE 1:40



**KENGURU
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P-024

Inclined parallel bars with bench



The complex consists of six vertical columns of different height, two crossbars 490 mm in length, inclined parallel bars 1790 mm in length and a composite material bench. The distance between the parallel bars is 598 mm. The difference between the lowest and highest point of the inclined parallel bars is 466.3 mm. The structure is secured together with aluminium clamps. Weight - 166.00 kg.

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-024 Inclined parallel bars with bench

Technical information

Foundation when using Shock absorbing underground (synthetic - rubber granulates)		Beveling of foundation when using loose filling material		Technical information													
				width:	706 mm												
				height:	2050 mm												
				length:	3392 mm												
				largest part:	2650 mm												
				weight:	166.00 kg												
				floor space required	6392 x 3706 mm												
				pipe measurements:	<table border="1"> <tr> <td>diameter:</td> <td>108 mm</td> <td>wall thickness:</td> <td>3.2 mm</td> </tr> <tr> <td></td> <td>42.4 mm</td> <td></td> <td>3.2 mm</td> </tr> <tr> <td></td> <td>33.7 mm</td> <td></td> <td>3.2 mm</td> </tr> </table>	diameter:	108 mm	wall thickness:	3.2 mm		42.4 mm		3.2 mm		33.7 mm		3.2 mm
diameter:	108 mm	wall thickness:	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:	aluminium, powder coated, RAL 5018 (turquoise blue)												
				bolts for metal clamps	stainless steel, Pin Hex Button Head Security Screws M10												
				wood plastic composite beam measurement.	<table border="1"> <tr> <td>Height, width</td> <td>Length</td> </tr> <tr> <td>100 x 100</td> <td>1500</td> </tr> </table>	Height, width	Length	100 x 100	1500								
Height, width	Length																
100 x 100	1500																
				WPC beams	Dark brown, brushed surface												
				max. free fall height:	< 1466 mm												
				possible underground see	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.												

