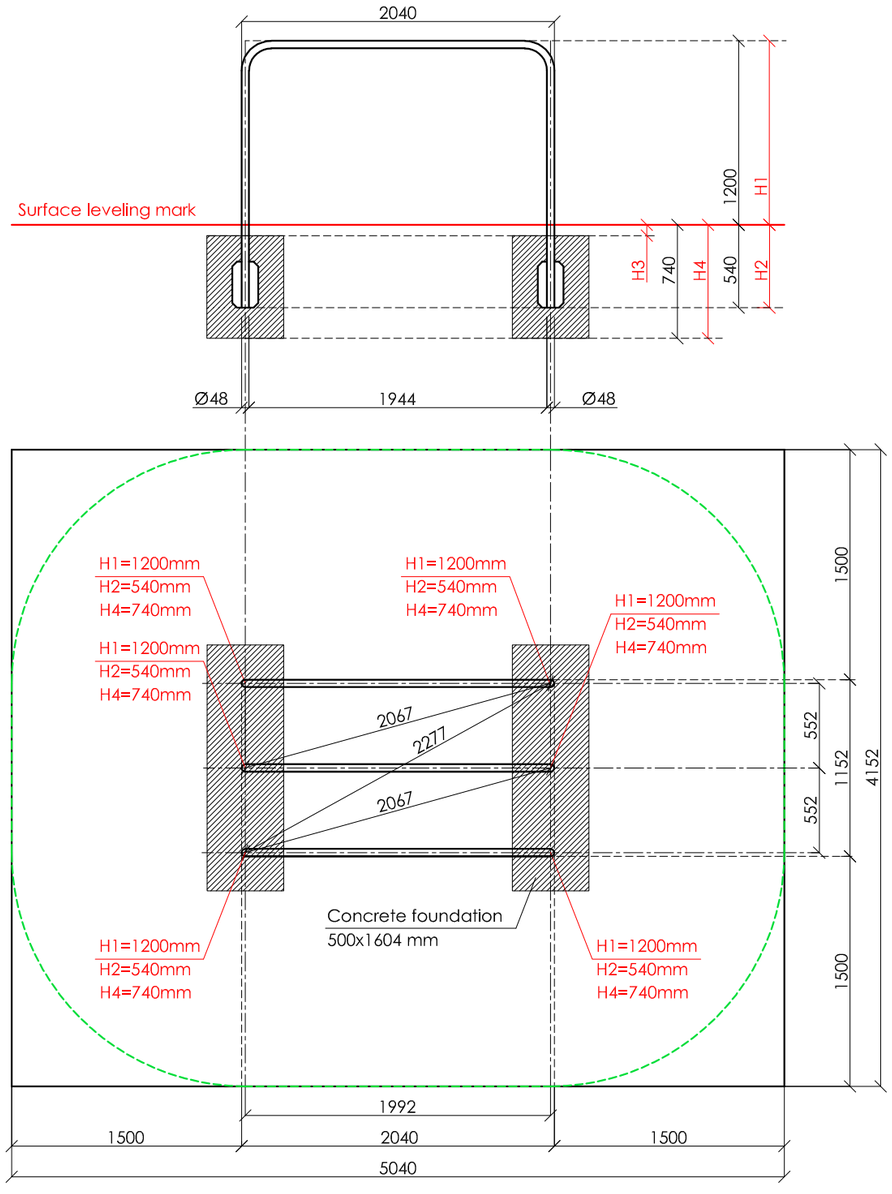
SCALE 1:40

0 400 800 1200 1600



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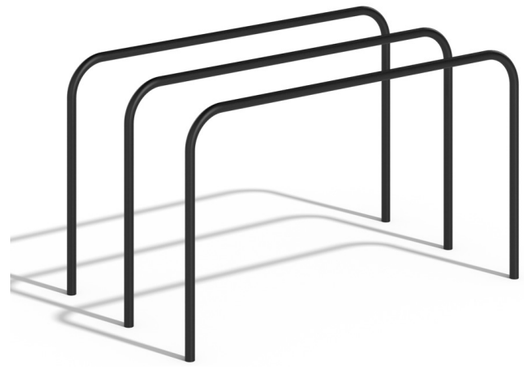
K-018 Double parallel bars



The construction consists of three curved bars that are placed parallel. The distance between the inside surfaces of bars is 500 mm. The horizontal surface of bars is 1650 mm in length. Bars are symmetrically curved at the angle of 90 degrees and create the construction at the height of 1200 mm (1300 mm optional height is possible) from the foundations. Weight 78 kg.

Installation instructions:

- Choose a suitable underground for the unit (see page 2, table 2)!
- 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!!!

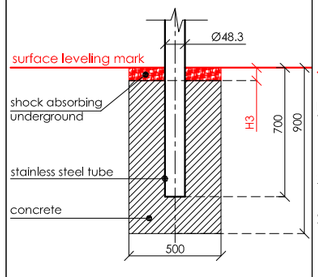
Foundation plan and area of movement of the K-018 Double parallel bars

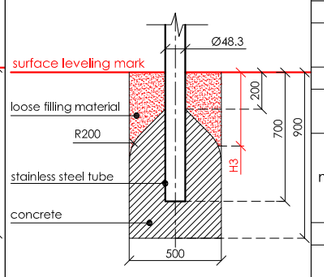
Foundation when using Shock absorbing underground (syntethic – rubber granulates)

H3	Drop height
40 mm	> 1.2.....1.4 m
50 mm	> 1.5.....1.7 m
60 mm	> 1.8.....2.0 m
70 mm	> 2.1.....2.5 m

Beveling of foundation when using loose filling material

H3	Drop height
20 cm	< 1.0 m
30 cm	< 2.0 m
40 cm	< 3.0 m





Technical information

width:	1152 mm	
height:	1200 mm	
lenght:	2040 mm	
largest part:	2160 mm	
weight:	78 kg	
floor space required	5040 x 4152 mm	
pipe measurements:	diameter:	wall thickness:
	48.3 mm	3.0 mm
metal parts:	stainless steel AISI 304, brushed surface	
metal clamps:	-	
bolts for metal clamps	-	
max. free fall height:	< 1200 mm	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.	