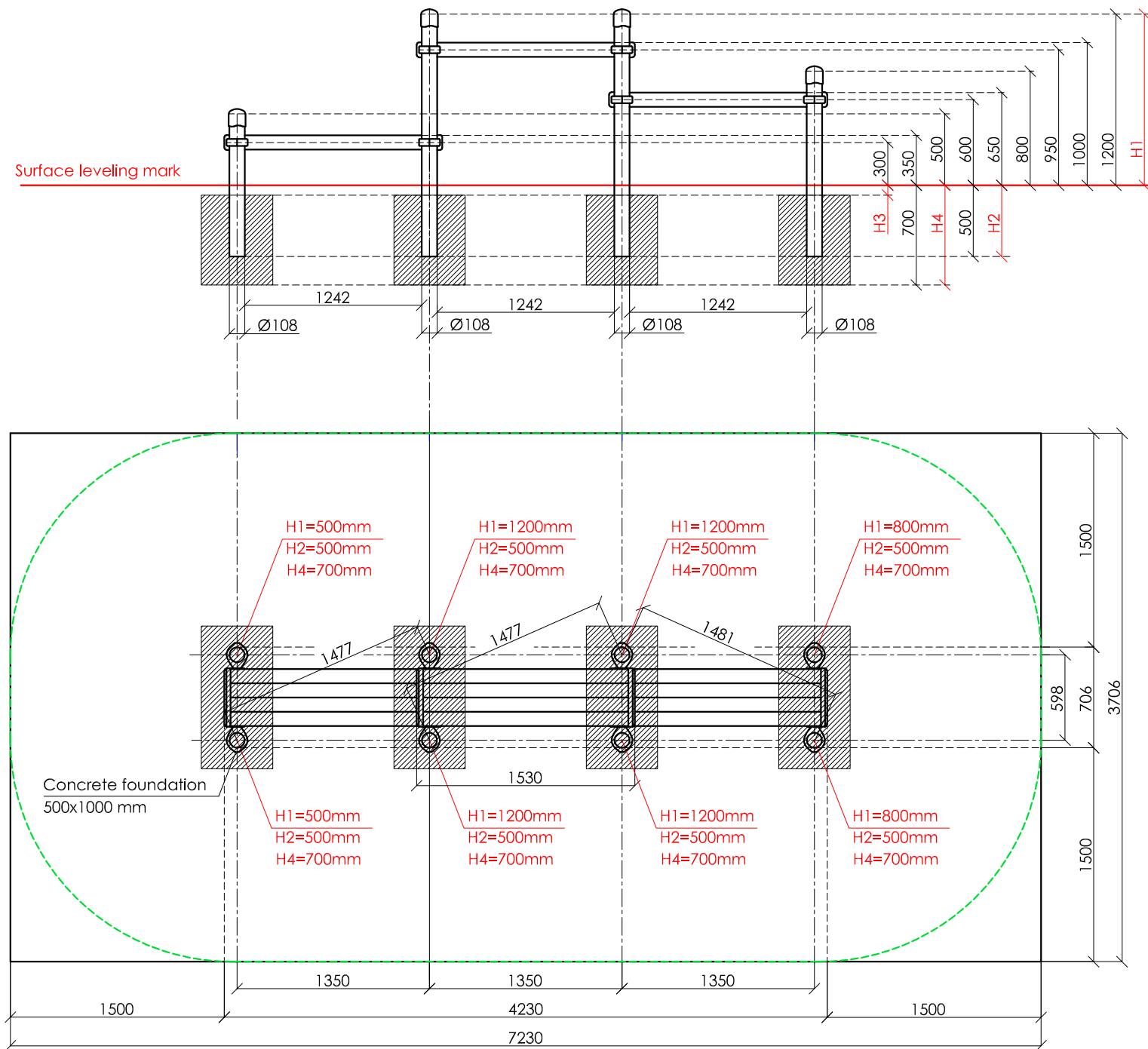
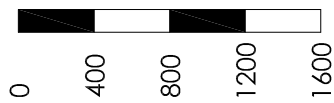


SCALE 1:40



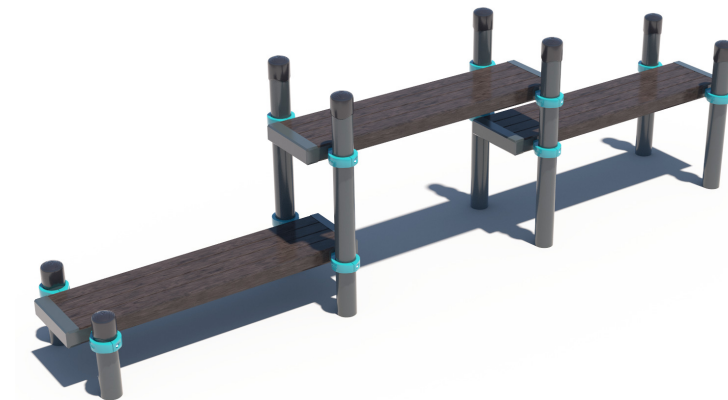
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K-028

Triple level bench



The construction consists of eight vertical columns of different height, six crossbars 490 mm in length, supporting three sets of composite material benches. The beam length of each bench is 1500 mm. All elements of the construction are secured together with siluminium clamps at the height that corresponds to the wishes of the Client. Weight- 248,4 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-028 Triple level bench

Foundation when using Shock absorbing underground (synthetic - rubber granulates)		Beveling of foundation when using loose filling material	
H3	Drop height	H3	Drop height
40 mm	> 1.2.....1.4 m	20 cm	< 1.0 m
50 mm	> 1.5.....1.7 m	30 cm	< 2.0 m
60 mm	> 1.8.....2.0 m	40 cm	< 3.0 m
70 mm	> 2.1.....2.5 m		

Technical information

width:	706 mm	
height:	1250 mm	
length:	4230 mm	
largest part:	1530 mm	
weight:	248,4 kg	
floor space required	7230 x 3706 mm	
pipe measurements:	diameter:	wall thickness:
	108 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	
wood plastic composite beam measurements:	Height, width (mm)	Length (mm)
	100x100	1500
WPC beams	Dark brown, brushed surface	
max. free fall height:	< 1000 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.	

