

The ground surfacing has to be made in accordance with EN1176,EN16630.

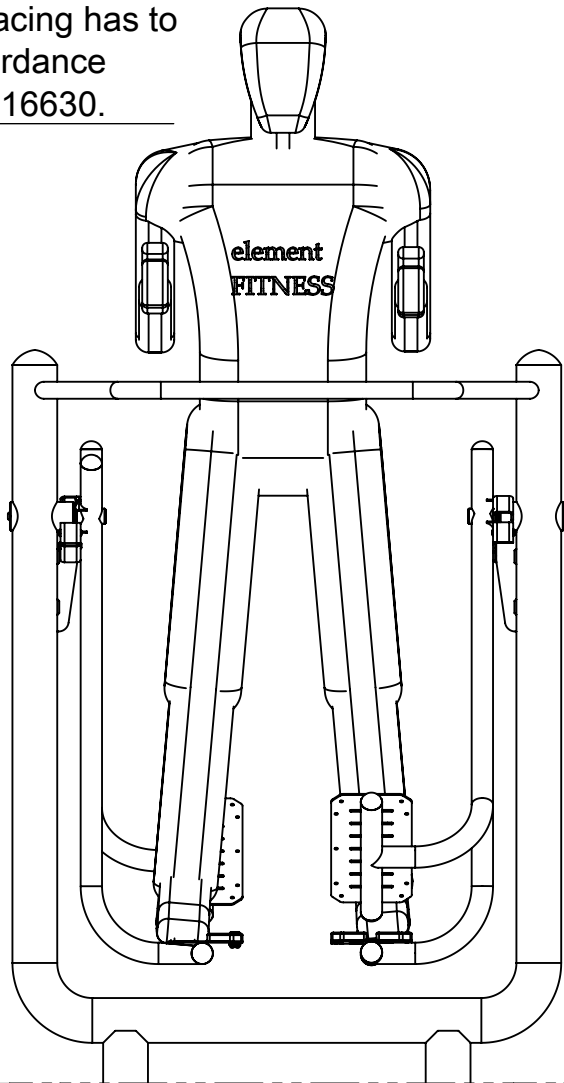
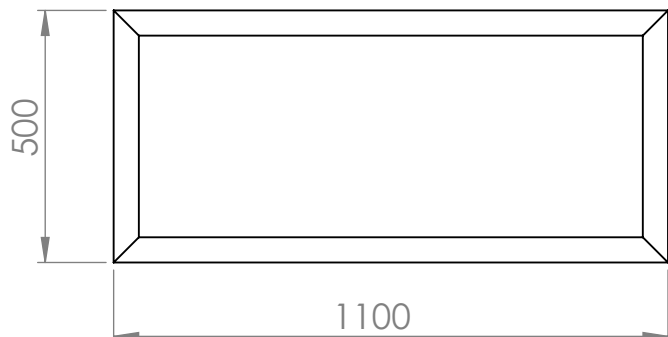
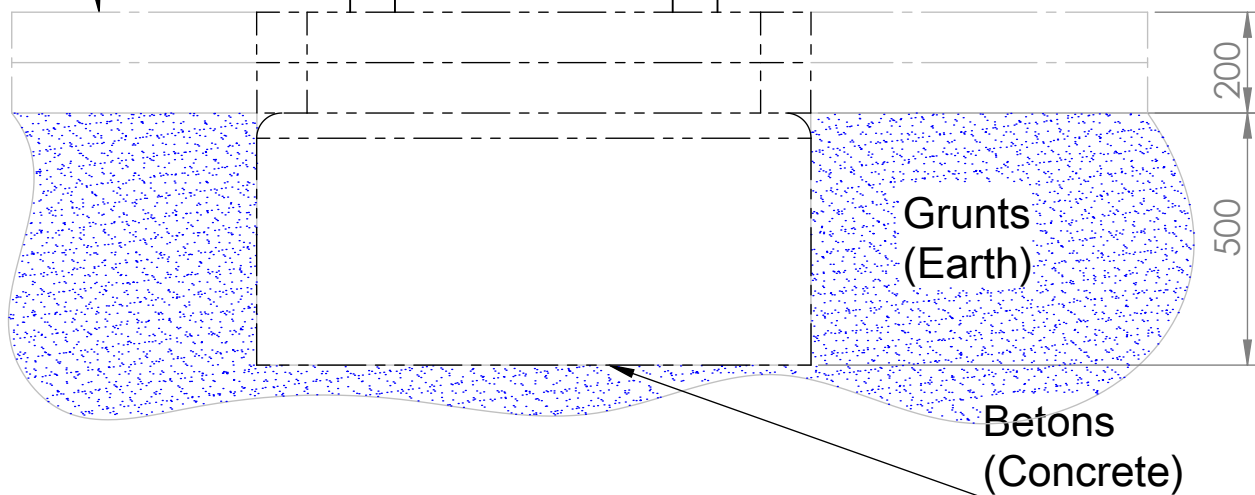
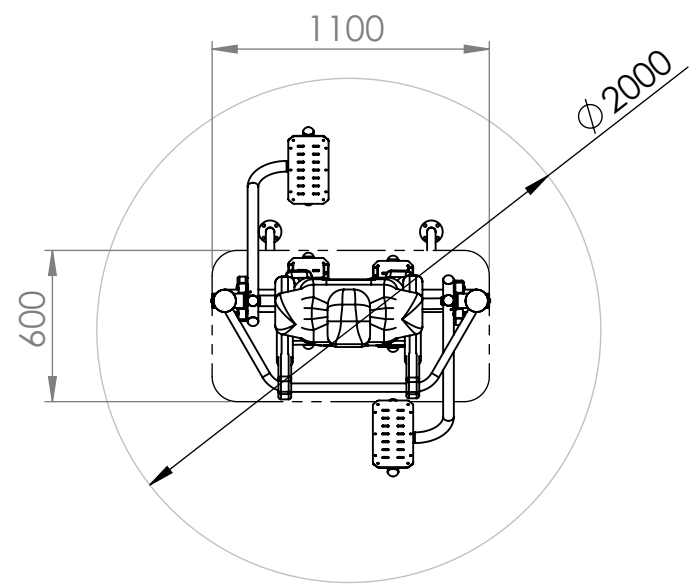
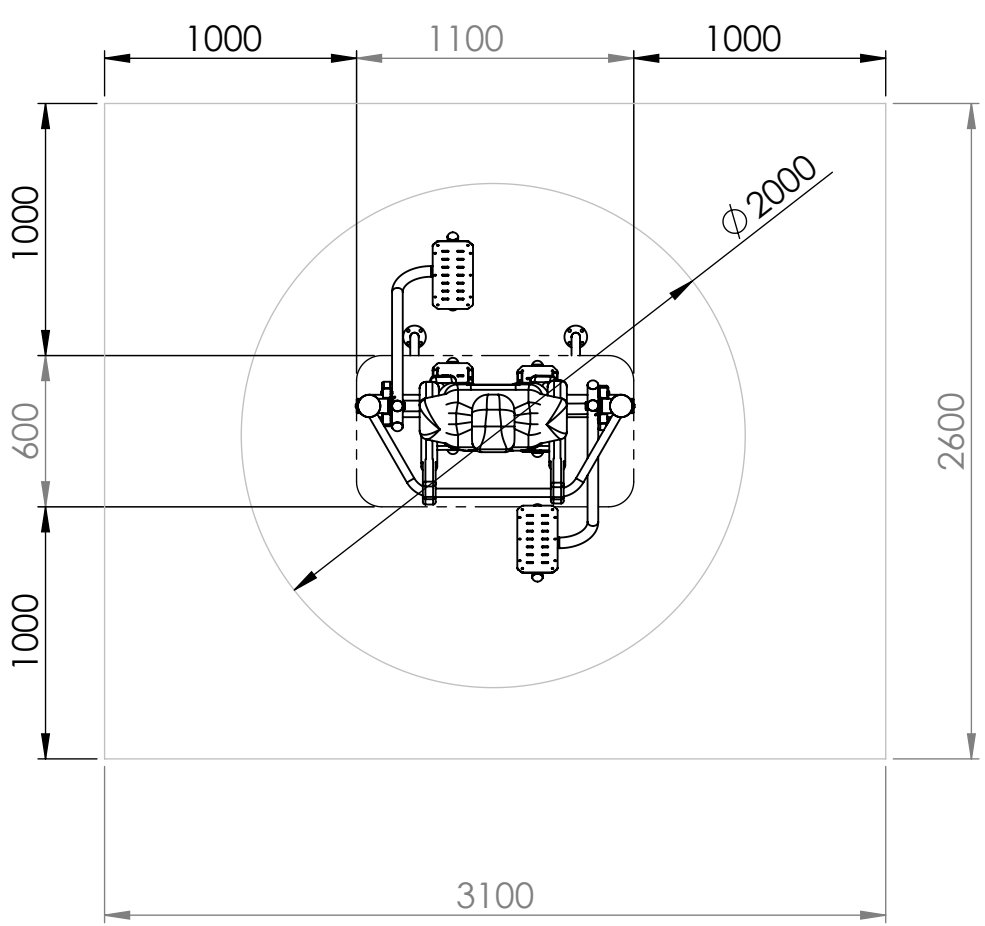


Table 1.1 — Materials in dependence of permissible free heights of fall

No.	Surfacing material ^a	Description	Minimum layer thicknesses ^b mm	Maximum height of fall mm
1	concrete/stone	—	—	≤ 600
2	bituminous surfacing	—	—	≤ 600
3	topsoil	—	—	≤ 1 000
4	turf	—	—	≤ 1 500 ^d
5	Bark mulch	20 mm to 80 mm grain size broken bark of conifers	200 300	≤ 2 000 ≤ 3 000
6	wood chips	mechanically shredded wood (no wood based materials) without bark and leaf components, grain size 5 mm to 30 mm	200 300	≤ 2 000 ≤ 3 000
7	sand ^c	grain size 0,2 mm to 2 mm	200 300	≤ 2 000 ≤ 3 000
8	gravel ^c	grain size 2 mm to 8 mm	200 300	≤ 2 000 ≤ 3 000
9	other materials or other thicknesses	according to HIC test (see EN 1177)	—	Critical fall height as tested

^a Properly prepared surfacing material for use in children's playgrounds.
^b For loose particulate material, 100 mm are to be added to the minimum depth to compensate for displacement (see 4.2.8.5.1).
^c No silty or clay particles. Grain size can be identified by use of a sieve test, such as EN 933-1.
^d See 4.2.8.5.2, NOTE 2.



Surface coating		Total NDT 100mkm			
Painting		ZN(R) primer - 50 mkm		Topcoat - 50 mkm	
Hot dip galvanizing		HDG acc. ISO 1461			
Other					
No	Revision	Date			
A06					
A05					
A04					
A03					
A02					
A01					
		DIN / ISO			
Welding		DIN EN ISO 13920	BF		
Stamped steel parts		DIN 6930	g		
LINEAR AND ANGULAR DIMENSIONS		DIN ISO 2768	CL	Material:	

 DIN ISO 13715	Surf.Area 4.28
	Mass 53.98
Name: Air walker	
Drawing No: 20-07049	A00 A3
	MO
SCALE:1:15	Sheet 2 U3 2