

Tai Chi Spinners Installation



Component CheckList:	Check
Main Frame Assembly	
Fixing Post	
Base Cover	
Fixing Pack	
Information Signs	
Information Pack	

Installation Instructions

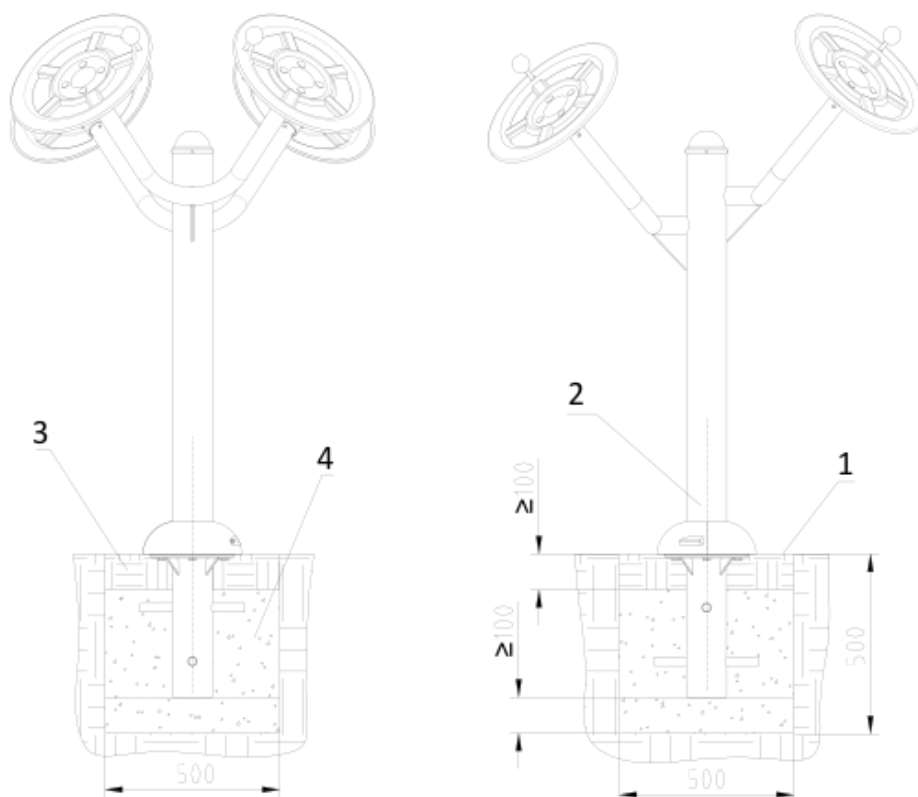
- 1 The installation layout & intended surface under the item can vary having an effect upon the installation (see note below). Refer to the client specification, order information & work instruction to verify before starting the installation.
- 2 Unpack & identify all of the components listed above.
- 3 Note installation depth, ensure the excavation & setting out corresponds with the concrete pad size for the piece and surface depth to be used. Check fixing posts with the flange on each piece to assess any alignment issues. Holes drilled in flanges are not guaranteed to be consistently aligned in the same direction on each unit.
- 4 Cat scan the area before excavating the foundation, set fixing post in wet concrete, with flange bolt-holes aligned as required, adjusting the levels to the top of the plate (This can be done with the equipment attached to the fixing post to ensure alignment).
- 5 If a safety surface is being installed excavate the area required after cat scanning and prepare edging and base for surfacing as required.
- 6 When foundations have sufficiently cured install the Tai Chi Spinners onto the fixing post & tighten the fixings (218Nm).
- 7 Check full range of movement & function.
- 8 Fit the base cover to the base of the mainframe.
- 9 Repair or provide final surfacing.
- 10 Check, commission & clean equipment.

Note: This equipment is usually installed with an impact attenuating surface to an area meeting the requirements of EN1177. A drawing is provided in these instructions showing the minimum area for this item. The thickness of the surface will vary depending upon the type i.e. wet pour is typically 40mm thick over a 100mm MOT Type 1 consolidated base.

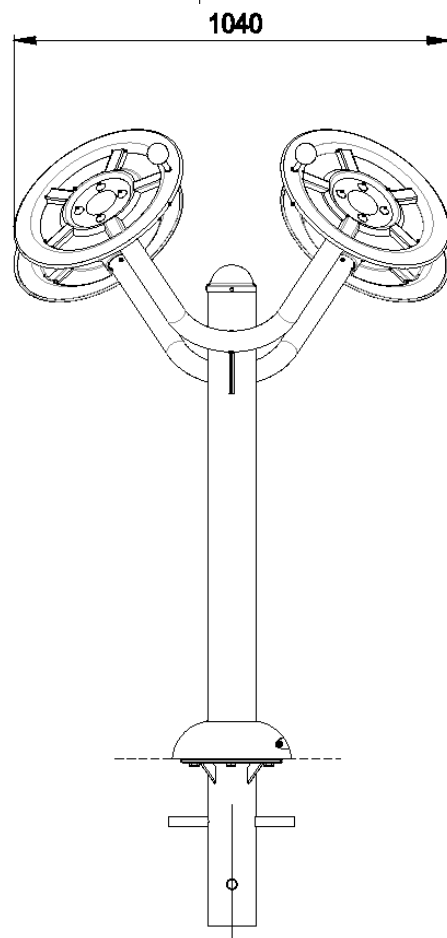
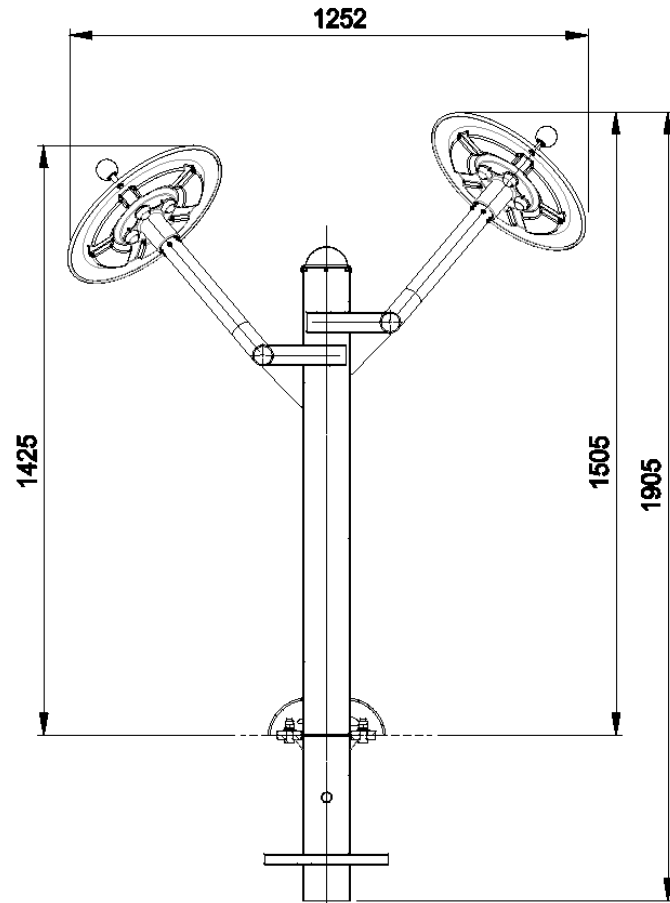
Foundation / Fixing Post / Mainframe Details:

There is a single foundation block required for this installation. The dimensions given are for regular ground conditions & may need to be amended for made up or soft ground.

The Fixing Post must be used to allow maintenance of the item: It is manufactured with reinforcement bars for rigidity & dissipation of energy from the equipment in use these must not be removed.



Ref	Name
1	Ground Level
2	Fixing Post
3	Top Soil
4	Concrete (C30)

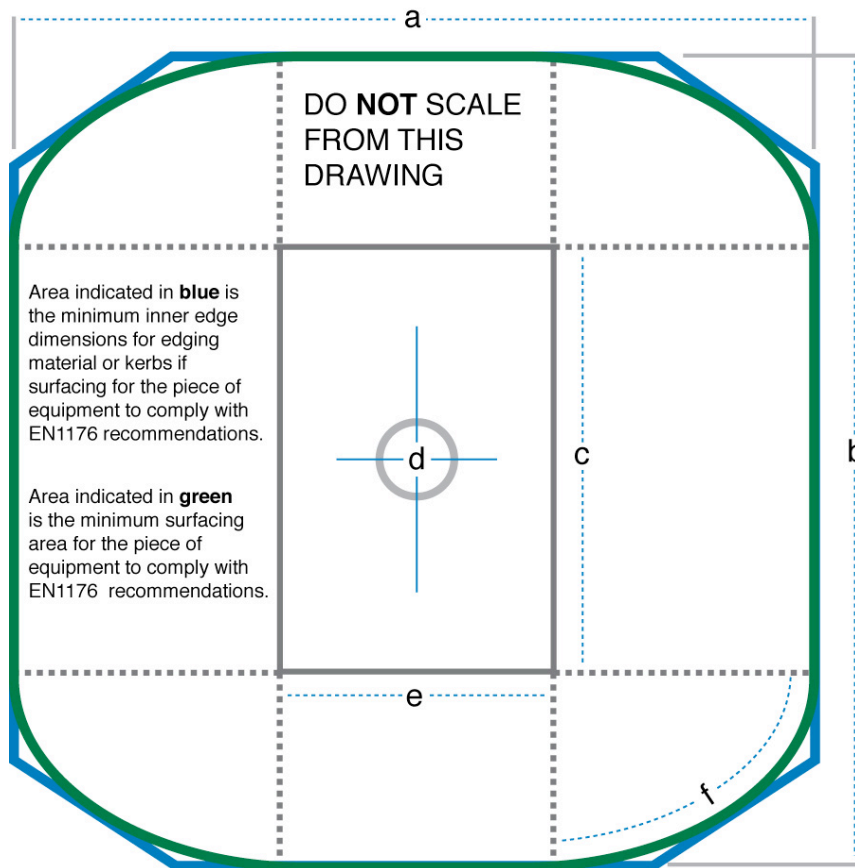


Setting Out and Minimum Spatial Requirements (Top View):

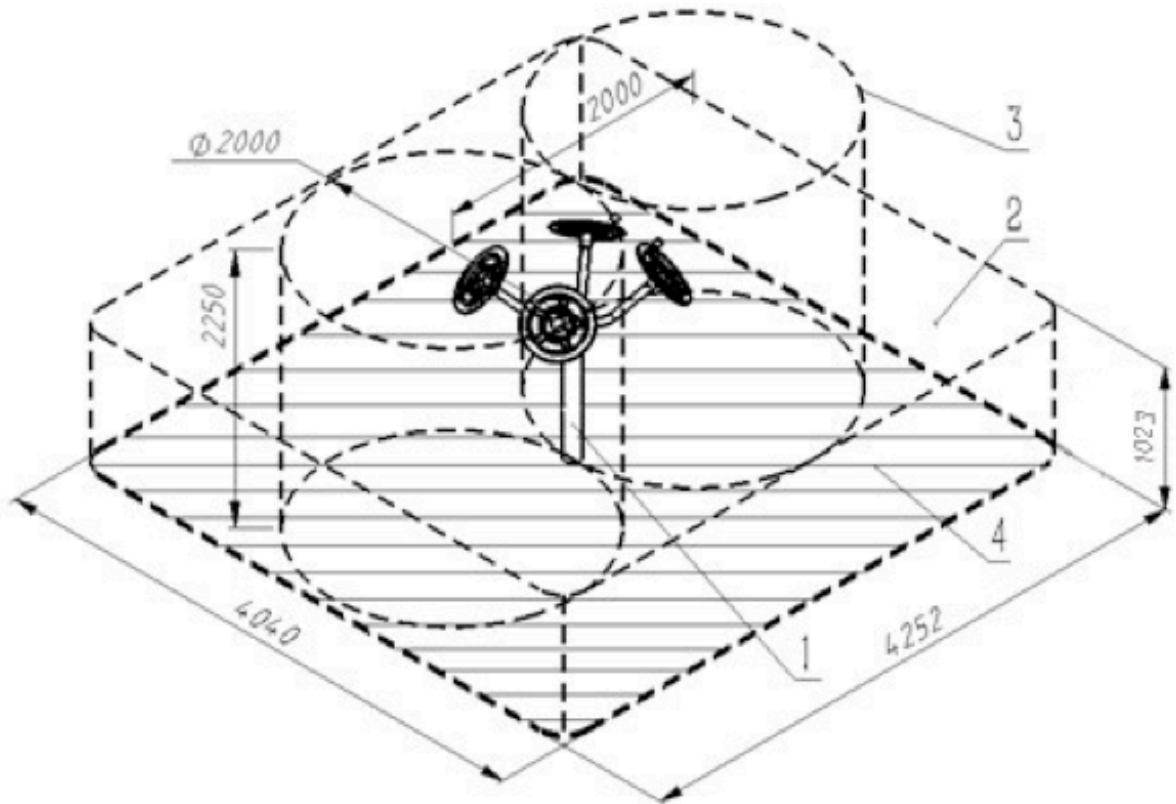
Note: All Fresh-Air Fitness equipment should be installed with a minimum 1.5m area extending from all parts at the extreme range or their movement; as indicated with the drawing below.

This should be interpreted as the minimum area for this item and must not be compromised by any other feature on the site.

1. This space should remain free of obstacles for 3.0m vertically
2. Maximum permissible fall to the surfacing $\leq 1:50$



Ref	Measurements
a	4040mm min
b	4252mm min
c	1252mm
d	Centre Point
e	1040mm
f	1500mm radius



Ref	Name
1	Equipment
2	Safety Surface Perimeter
3	Fall Zone
4	Safety Zone

Grass Tiles Install Information

To install the Grass Tiles hammer the pegs provided into the ground making sure they are evenly spaced.

Note: When installing Grass Tiles the minimum ware area is 2m x 1.5m and in order to achieve this you will need to order 2 Grass Tiles from Fresh-Air Fitness. Grass Tile part number is 'GT'.