

## Installation instructions

1. Position the footplate on the floor (without fixing it) and place the central axe on top of it where the staircase should be placed.
2. Put the landing step in place, by sliding it from above (over the central axe), and secure it temporarily in the stairwell on its exact final position.
3. Check (using a spirit level) and – if necessary – correct the position of the footplate (without moving the landing step) until the central axe is perfectly vertical.
4. Mark the location of the footplate on the ground and then remove the landing step and the central axe.
5. Fix the footplate to the floor (with a screw and/or collar).
6. Put the central axe back on the footplate. Take note that it is not necessary to fix (weld) the central axe to the footplate.
7. Take the first step, slide it from above (over the central axe) and put it on the ground.  
Calculate, according to the position of the exit on top, where this first step should be positioned taking into account the rotation speed of the staircase, i.e. 21.17 degrees per step (17 steps represent a complete revolution) in order to obtain the desired orientation of the last (landing) step and an appropriate exit from the stairs. Sketches of the staircase are available on the website: <https://spiral-stairs.com/spiral-staircase-versailles/>.
8. Take the next step, slide it from the top and place it on the previous step and tighten these two steps with a stair baluster (by sliding it through the steps) using a nut.
9. Repeat the previous assignment until the last step. Please note: the staircase must be propped up as long as the assembly has not been finalized.



10. Complete the assembly of the steps with the landing step. If you do not arrive exactly at the desired height, remove the necessary millimetres of the landing step (with a grinder) from the bottom (on both sides). Then weld the landing step to the central axe.
11. Put the intermediate stair balusters of each step in place and tighten them with the corresponding screws.
12. If the handrail consists of more than one piece, first weld the pieces together to make a full handrail. Note that the start and/or end of a handrail (approximately 20 to 25cm long) is not bend, but straight. Put the handrail on the balusters and weld the handrail to the balusters.
13. Finally, weld the curls on the ends of the handrail. In the case of a balustrade you can choose not to put a curl (on top), but to lengthen the handrail to connect it (directly) to a balustrade.
14. Weld the ball on top of the central axe.