

Spiral circular staircase helical form self-supporting, precast, no central column, external diameter of cm ..... and total height cm ..... produced by Rizzi sas in Marano Vicentino, patent n. 507749, formed by individual elements (steps) assembled in succession including the tread, the riser and at the two ends the beam trunk that forms, when assembled, two helical beams, in which grooves will be inserted the armor that connects the starting floor to the arrival floor.

## Technical sheet Helical Staircases in reinforced concrete

External Diameter (clockwise and counterclockwise)	Riser height	Partition of the staircase	Tread length	Space useful for passage without railing	Weight each step
cm	cm	degrees	cm	cm	Kg
125	21,0	30,0°	42,5	70	25
140	21,0	27,5°	50,0	77	28
150	21,0	27,2°	55,0	84	31
160	21,0	26,2°	58,3	91	32
170	21,0	27,0°	63,5	93	36
180	17,5	25,0°	68,0	100	35
200	17,5	24,0°	74,5	112	40
220	17,5	23,6°	84,5	124	43
240	17,5	22,7°	94,5	132	52
260	17,5	22,2°	104,5	151	57
300	17,5	22,2°	123,5	161	75

**To get to the finished product of the staircase in reinforced concrete three stages are requested:**

1. Structural assembly.
2. Finishing of the rough: alabaster plaster or application of mortar.
3. treads and risers coatings: wood type on request, stainless steel (it is also possible in ceramic, resin or marble, not to our care)

Railings: painted steel or stainless steel satin.

Our Company is able to give you the finished product or in single phases under the specific request.

Example of rough staircase

