

# CONCRETE DIMENSIONS

## Medium Turbine



**MEDIUM SIZE TULIP  
WIND TURBINE**

### THIS IS CALCULATED FOR STEADY WIND AT 35 M/S.

Case 1: Base: 1000 x 1000 mm, 2200 mm high, 2.3 cubic meters.

Case 2: Base: (this keeps the 1000 mm for each turbine next to each other so that the turbines can benefit from the Bouquet Effect, but gives a wider overall base in the other direction): 1000x2000 mm, 700 mm high, 1.4 cubic meters. Note that less concrete is needed because the base is larger.

Case 3: maximizing height in a reasonable fashion:  
Base: 900x900 mm, height 6200 mm, 5 cubic meters.

Conclusion: Normal use is a base 1000x1000 mm.  
A larger base saves concrete and is lower. If you want to place the turbine high, you need a lot more concrete.



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