CONCRETE DIMENSIONS

Large Turbine

LARGE TULIP
WIND TURBINE

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

Case 1: (broad base) Base: 2500 x 2500 mm, 900 mm high, 5.6 cubic meters.

Case 2: Low and long base: (this keeps the 2750 mm for each turbine next to each other so that the turbines can benefit from the Bouquet Effect aerodynamically, but gives a wider overall base in the other, non-bouquet direction): 2500x4000 mm, 500 mm high, 5 cubic meters. Note that less concrete is needed because the base is direction): 2500x4000 mm, 500 mm high, 5 cubic meters. Note that less concrete is needed because the base is larger. larger.

Case 3: Maximizing height within reason: Base (with 2 meter height): 2100x2100 mm, height 2000 mm, 9 cubic meters (with 4 meter height): 1900.1900 mm, height 4000 mm, 14 cubic meters.

Conclusion: Normal use is a base 2500x2500 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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