

DERVISH

*What do you do when the dervishes are whirling?
You merely stand still and let them whirl!!" - Rumi*

Dervish is a modular kinetic sculpture that generates electricity by harvesting wind energy. Functioning as a Vertical Axis Wind Turbine (VAWT), the sculpture consists of a series of stacking turbines, each containing its own dedicated magnetic alternator and internal gearing to translate wind-generated spinning motion into electrical current to be stored in a bank of batteries within the base or used directly to power lighting on site or connected to a localized grid.

Consisting of a double course of concave, semi-helical blades arranged at alternating, complementary angles, as the turbines rotate, the blades and their shadows create complex optical patterns and illusions, at times appearing to be spinning in reverse. The double course of blades optimize windflow by capturing prevailing outflow.



Aluminum & GFRC Base on permeable concrete slab stores batteries, offers seating & has educational graphics and text