



### **Laddermill with Magnus cylinders**

The inflatable cylinders (1) form the loop named as Laddermill. Each cylinder contain a motor assuring the rotation producing lift during their rise, then stop, then reverse the rotation to produce reverse lift. The drums (4) transmit the rope (2) motion towards the ground generators (3). A swiveling tray (5) allows adaptation to wind changes.

An advantage is the permanent shape of the cylinders during the whole travel. The aerodynamic modifications are assured by their respective motors, varying rotation speed and direction. So the Magnus cylinders look to be the more implementable Laddermill architecture.

**Pierre Benhaïem**

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