

To make

STOCHASTIC

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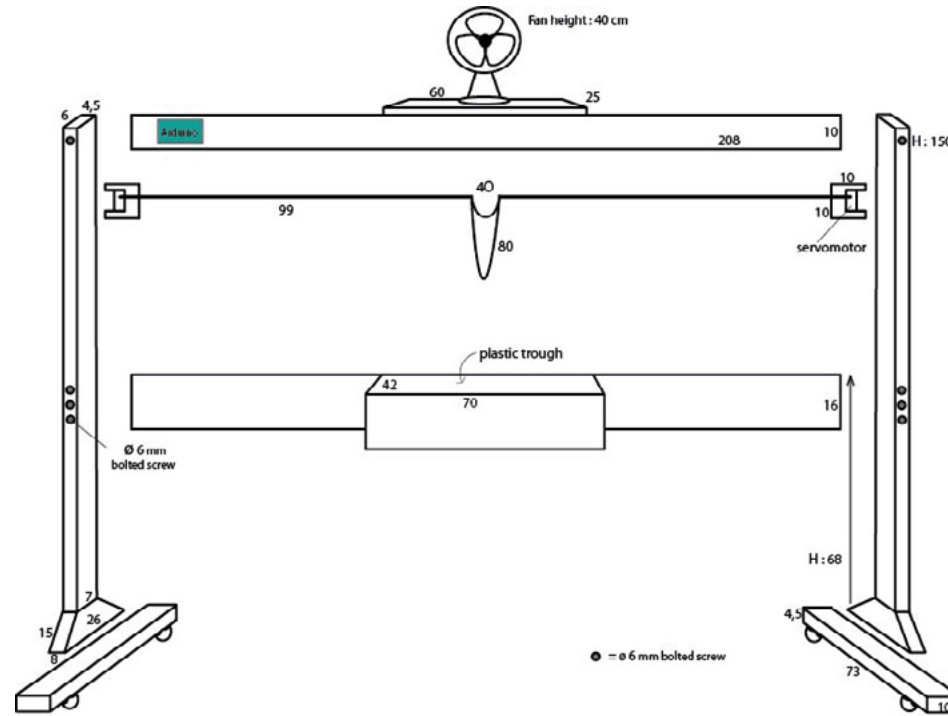
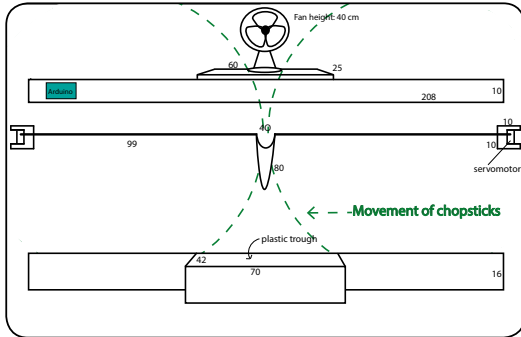


Machine side plan

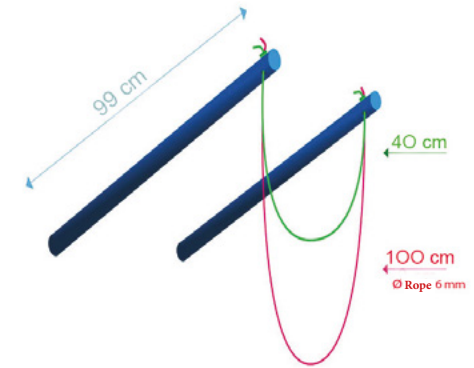
These were made from reclaimed materials, mainly plywood and cleats.

Measurements can be adopted to the materials used.

Only important point : the wooden strips must not touch when in horizontal position.

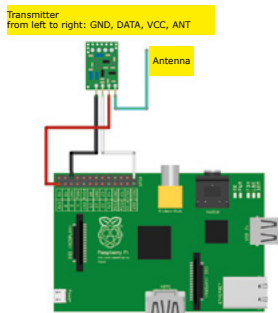


Bubbler construction



- Ingredient**
- 2 woden strips (10mm diameter)
 - 2 pieces of sting (laces) preferably cotton

Raspberry Pi assembly drawing

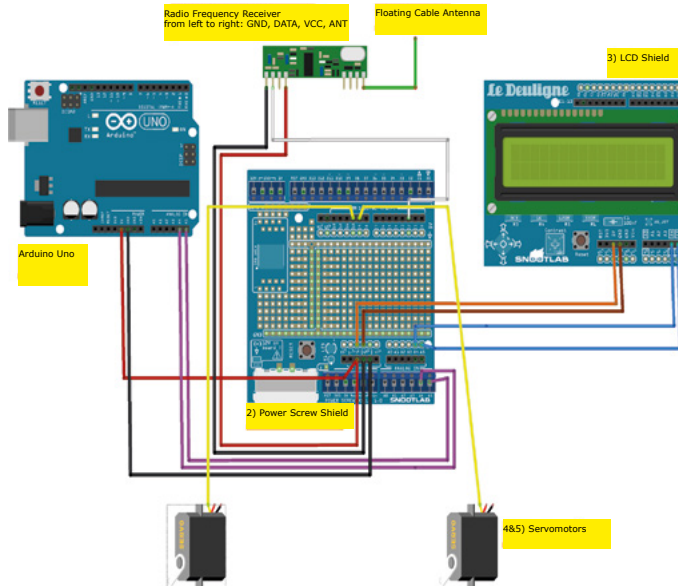


Rasberry pi (open source nano computer) launches a program every minute that retrieves via an ethernet cable data of stock market values of various lines of business. These results are sent to an arduino card through a radio transmitter.

The Arduino receives this data from the transmitter and converts them into time to regulate how many seconds the bubbler sting will stay in front of the fan depending on the market price.

Copy/paste this software onto Rasberry pi sd card from this internet link : <http://annlorcodina.com/wp-content/uploads/2014/10/programme-Rasberry.txt>

Mounting diagram Arduino board/Servomotors/LCD screen



- To install arduino program
- Install a version of arduino software that is compatible with your computer through this link : <http://arduino.cc/en/Main/Software>
 - Open arduino software
 - Arduino = File = New
 - Copy/Paste the program into program window by going to this link : annlorcodina.com/wp-content/uploads/2014/10/programme-arduino.txt

Stochastic recipe

- 75ml of water (25%)
- 15g of powdered sugar(5%)
- 30 ml of glycérol (10%)
- 60mL of washing up liquid (20%)
- 120 ml of water (40%)
- 1 wooden or plastic spoon (no metal)

- 1) Pour 75 ml of water
Completely dissolve the sugar
- 2) Add glycerol
stir continuously to homogenize mixture
- 3) Pour washing-up liquid
as slowly as possible
- 4) Add the rest of the water
Stir slowly to avoid bubbles forming