

#### Step 1: Assembling the sides.

Both pieces that form each of the sides are adhered together with the corresponding brackets as shown in the image below. The side where the motor is installed will have the 3 fixing holes, which will coincide once the two pieces that make up the side come together. The brackets will serve as guides so that the pieces coincide.

#### Step 2: Joining the base:

We adhere both pieces to the base and the sides:

#### Step 3: Assembling mobile arm:

#### Step 4: Mobile arm assembly

Short screws  $L = 90 \text{ mm}$

#### Step 5: Installing the arm to the structure

Step 6: Piece to lock Cam:  
L Screws = 70 mm

#### Step 6: Main Shaft - Shaft Assembly

#### Step 7: Placement of the shaft and the cam lock

#### Step 8: Engine mounting:

#### Step 9: Placing the gear

The motor gear has three serrated layers and 4 other circumferences.

#### Step 10: Cam Placement