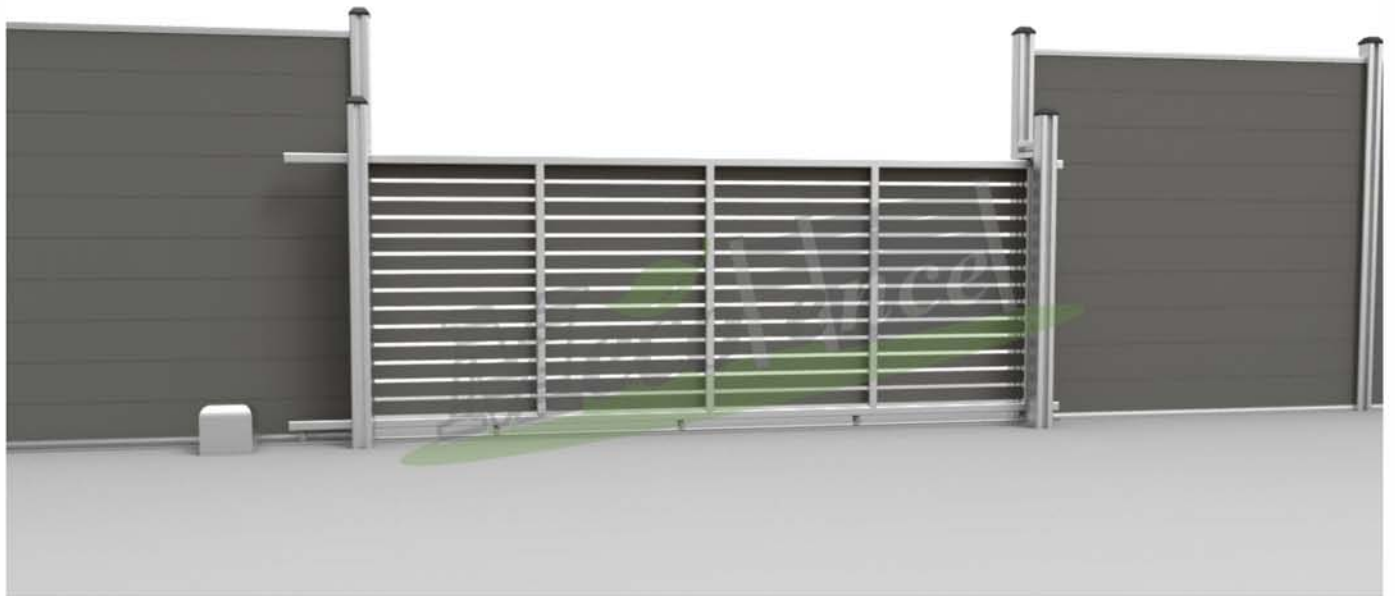
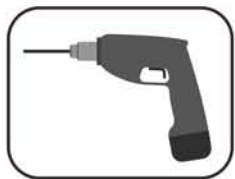


Installation Guide For Electric Gate



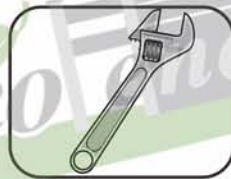
Tools



Electric Drill



Impact Drill



Spanner



Hammer



Level Ruler

Hardware



Expansion Screws

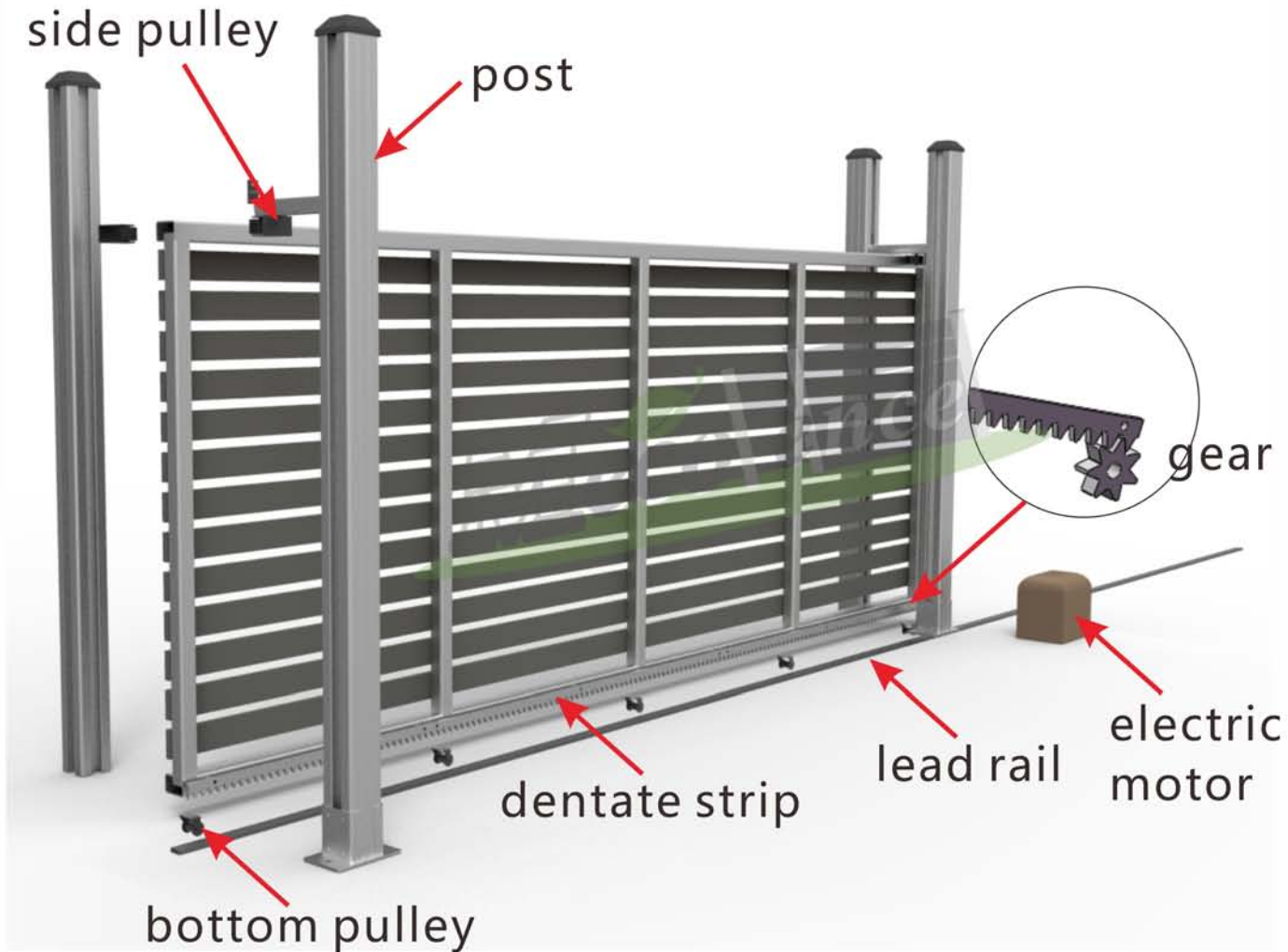


Round Head
Drilling Screws



Bolt

Parts of the electric gate



bottom pulley



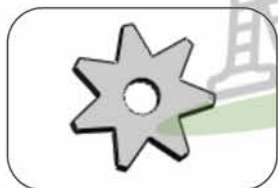
dentate strip



side pulley



electric motor



gear

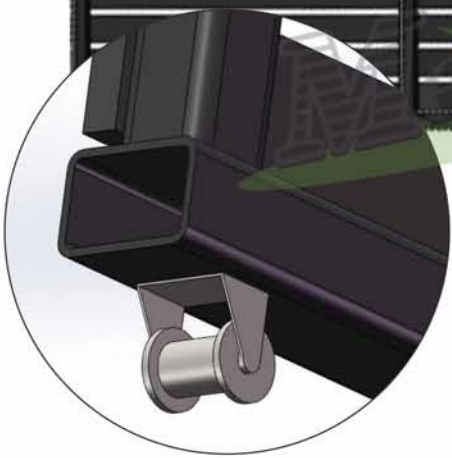


post

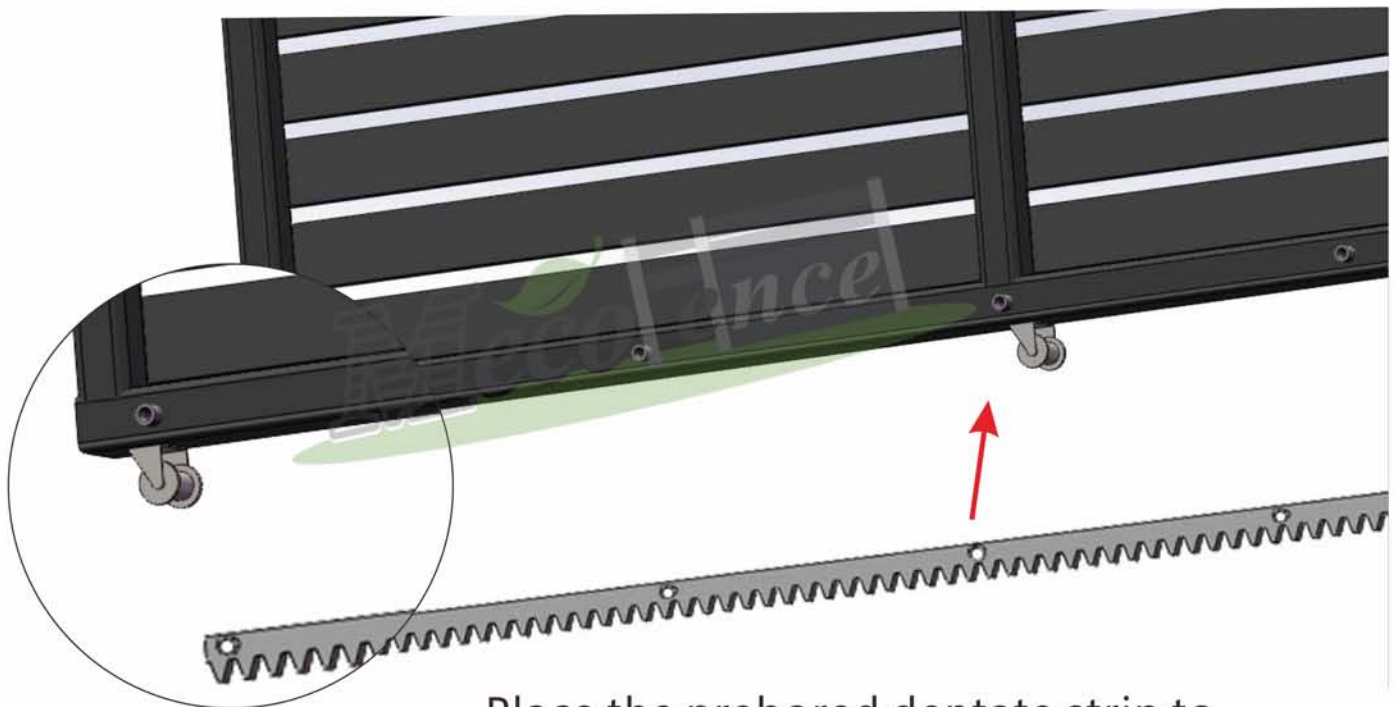


lead rail

1, Install the bottom pulley and dentate strip.

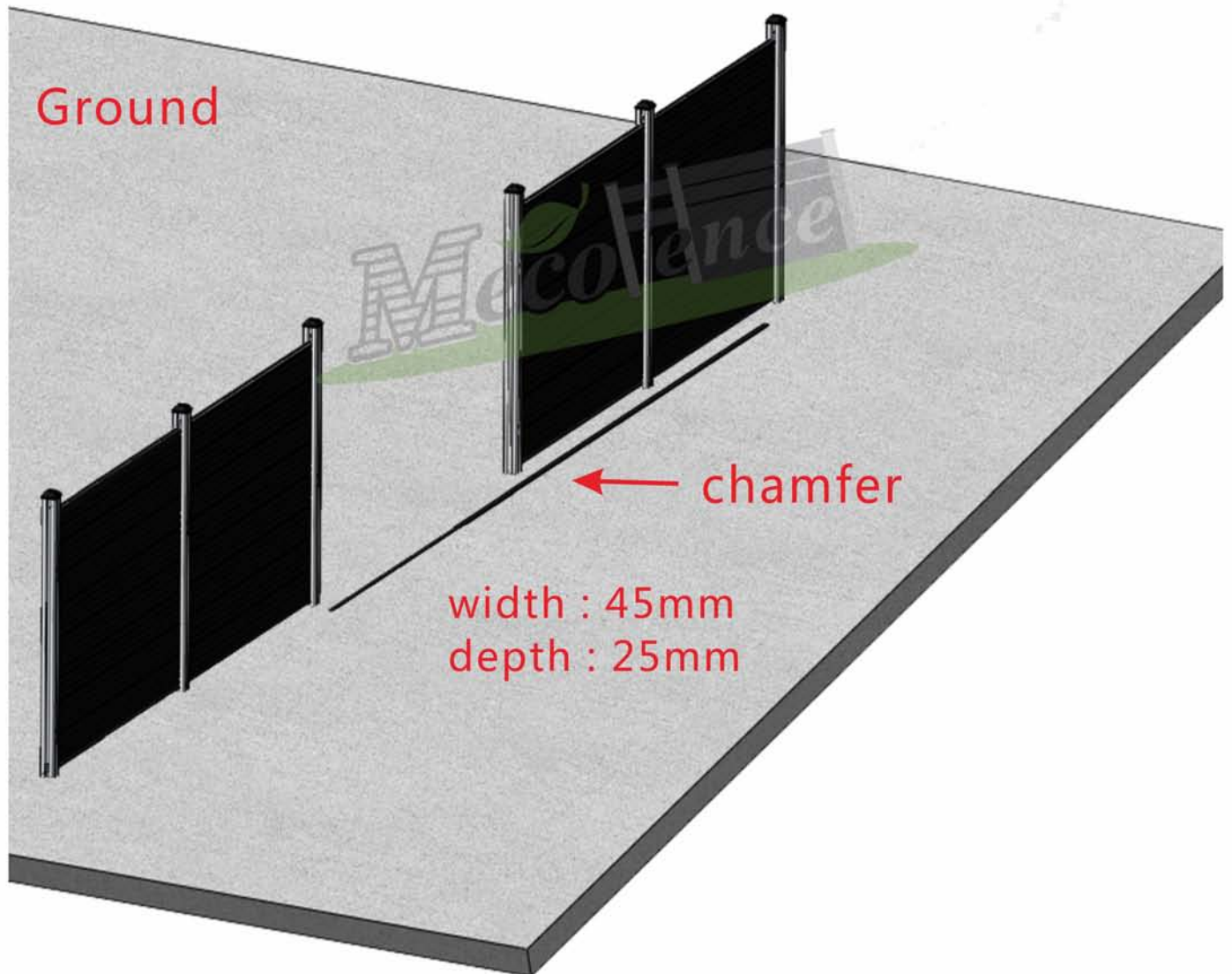


Probing for the bottom pulley in the bottom of gate frame, and then screw the pulley tight by using a spanner.



Place the prebored dentate strip to overhangs and screw it tight.

2, Mark the right place and then make a chamfer.

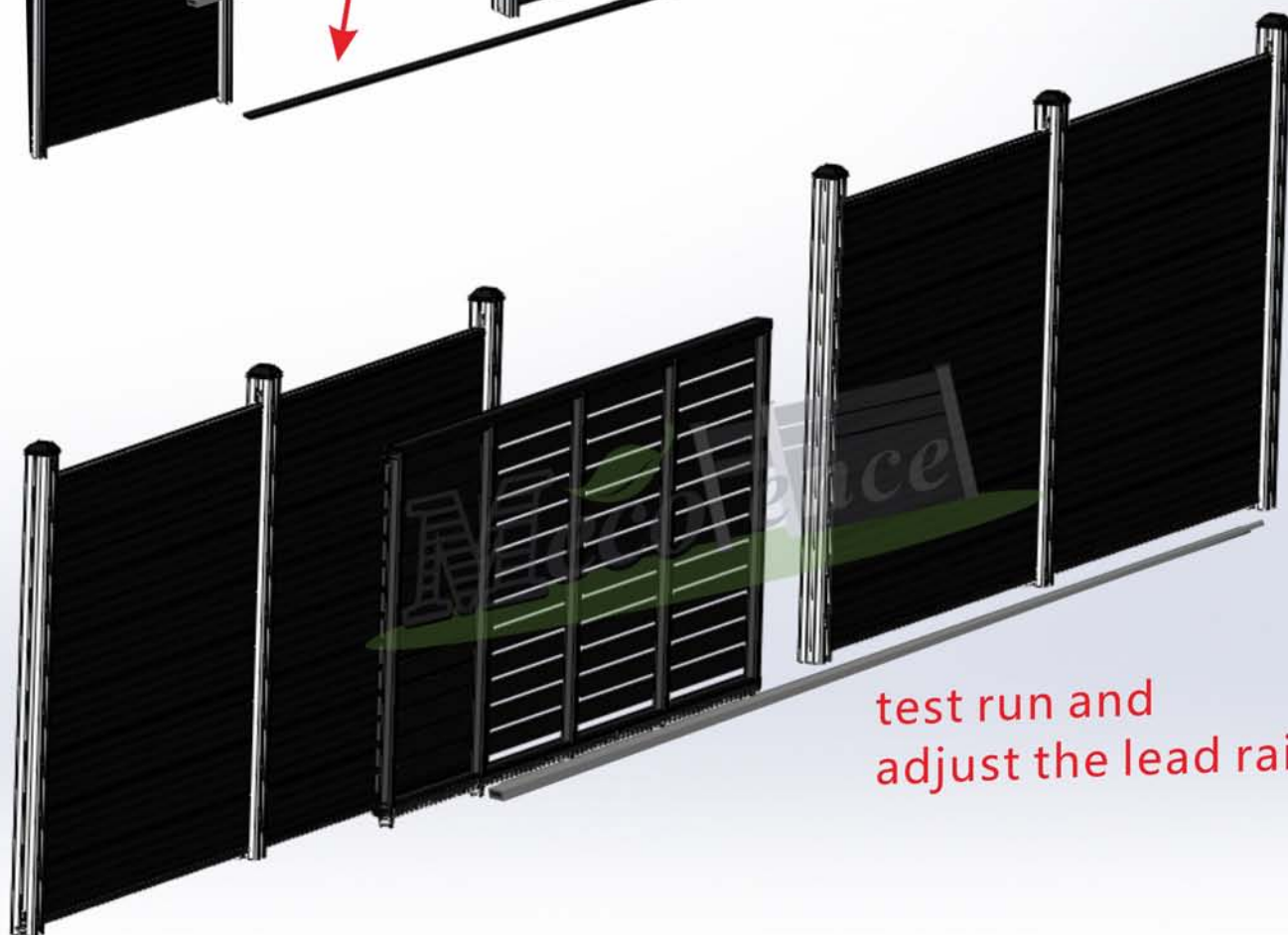


3, Adjust the lead rail to level and then fix it.

Try the gate test run for the adjustment and then use fix the lead rail by cement or welding expansion screws.

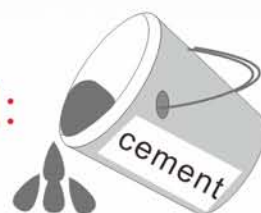


lay down
the lead rail



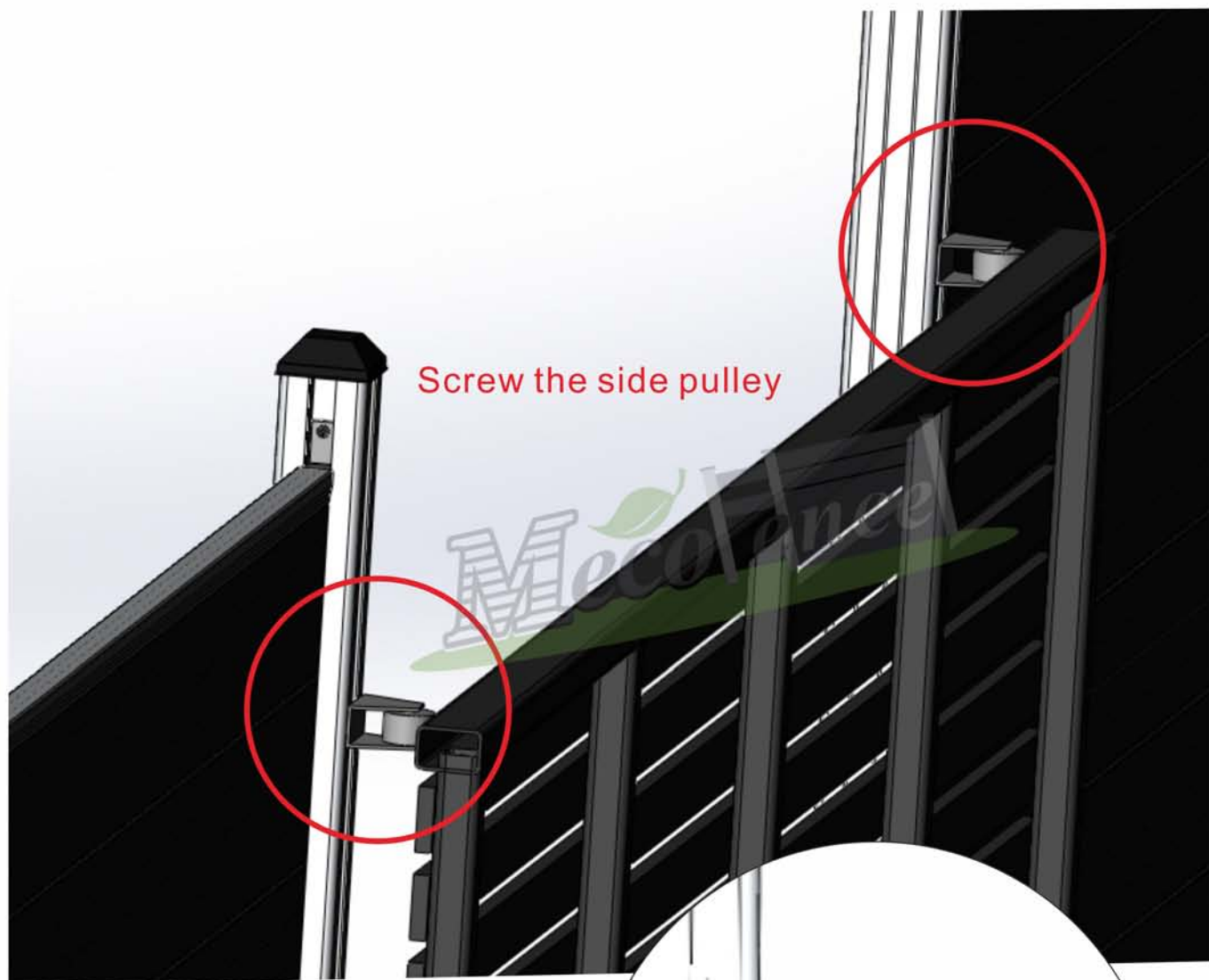
test run and
adjust the lead rail

cement the lead rail:



4, Install the side pulley

When install the side pulley, keep the gate horizontal.



Screw the side pulley



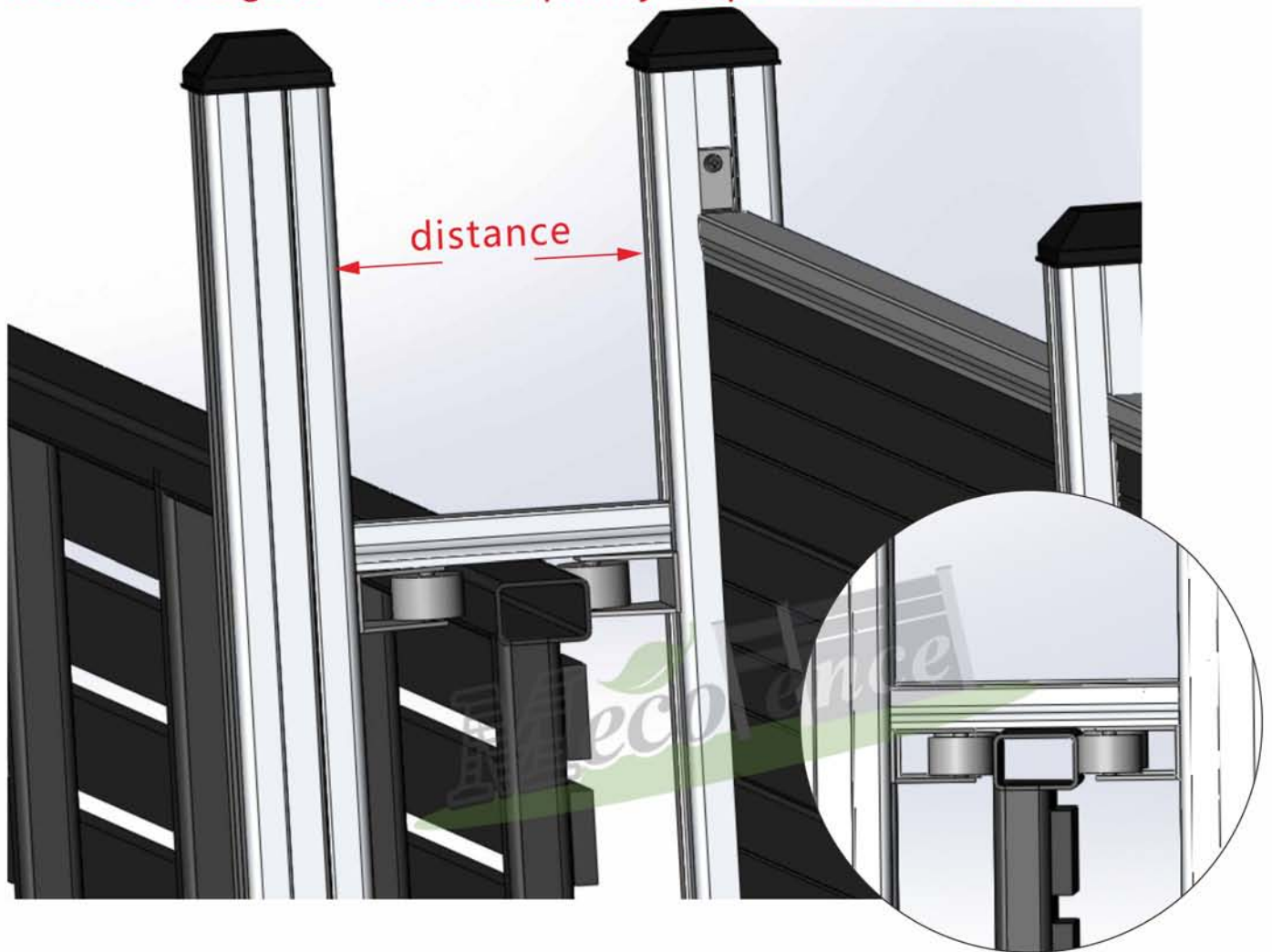
make the gate parallel
to the side pulley

5, Install the side pulley of another side

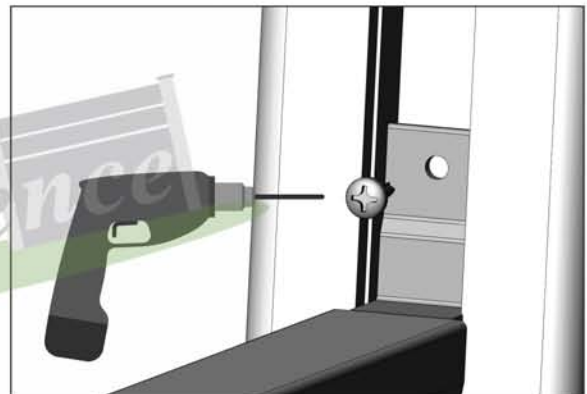
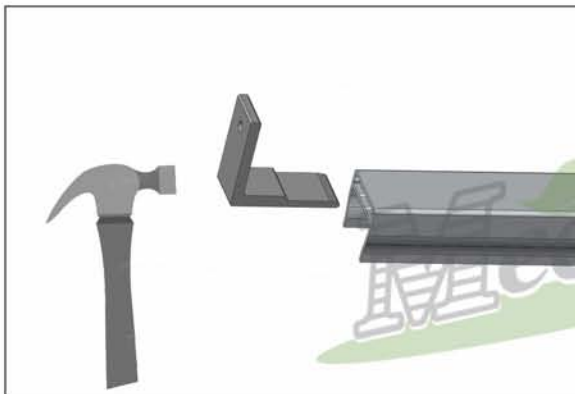
Install the rail between two posts and then finish the side cover and post cap installation.

Post span calculation:

width of the gate + two side pulley + span allowance 5mm

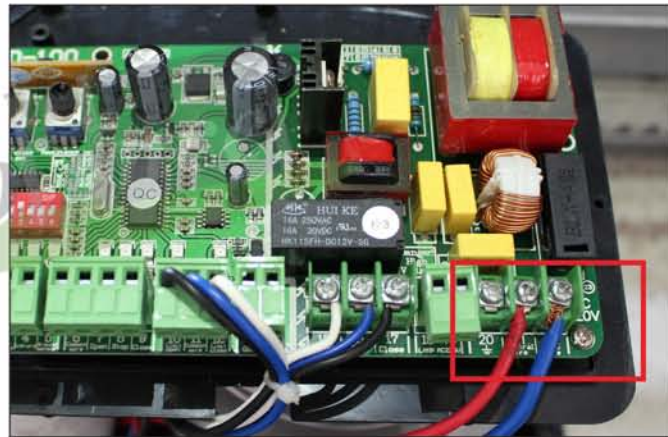
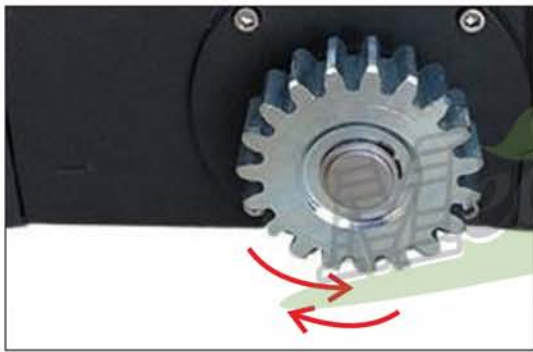


Rail installation:



6, Install and test the electric motor

a. Wire in the motor, testing the rotation of the gear. If the direction of the rotation is not the same to the gate moving direction, please change the switch the wire No.21 and No.22.



live wire neutral wire

Controller instruction:

关 : close the gate

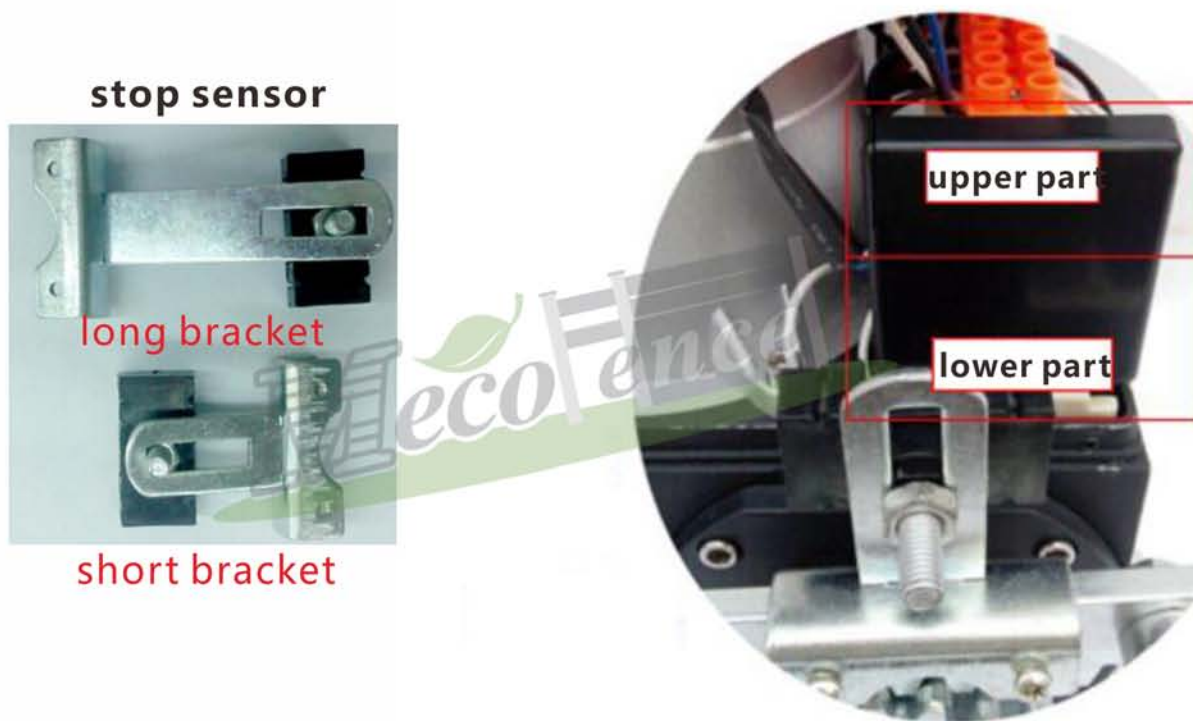
开 : open the gate

停 : stop the moving gate or unlock the gate

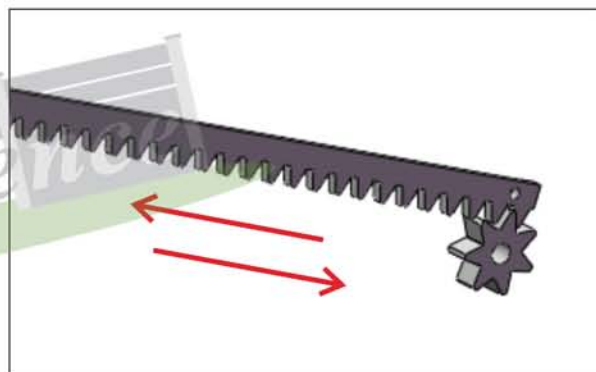
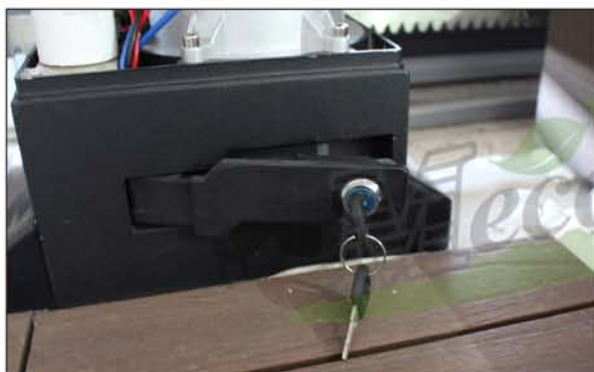
锁 : Lock the gate status. Need to be unlocked by pressing “停” for further actions.



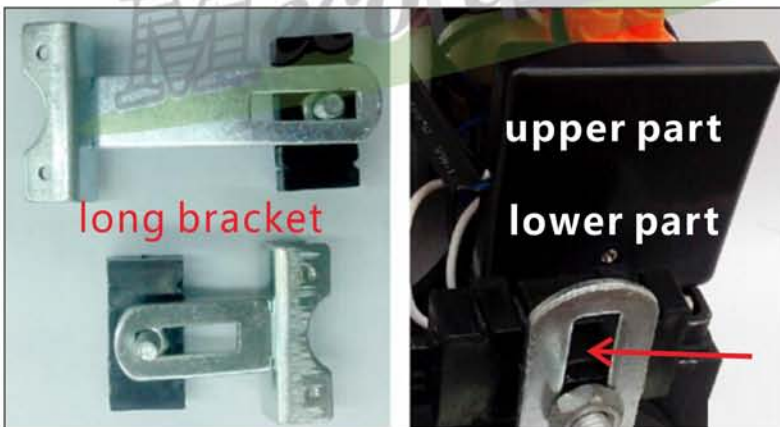
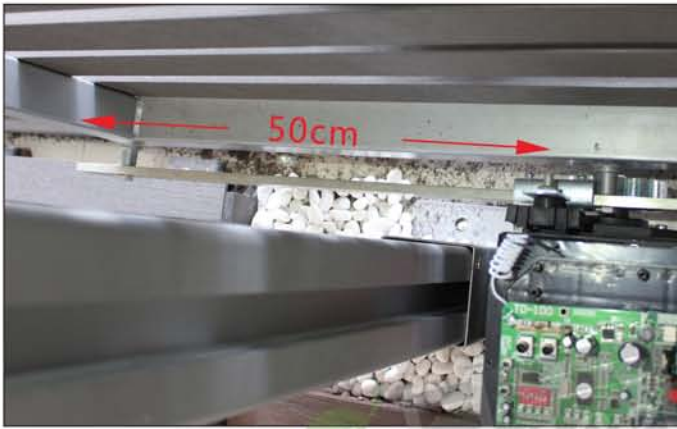
b. Press the button “开”, put the magnetic sensor close to the motor stop sensor. Test the upper part and lower part, mark down which part will stop the gear rotation. Press the button “关”, put the magnetic sensor close to the motor stop sensor. Test the upper part and lower part, mark down which part will stop the gear rotation. Normally, the part stop the gate will be opposite to the one tested just now.



c. When install the motor, keep the power on. Then switch on the clutch, manual operate the gate and test the running condition of dentate strip and gear. Fine-tune the parts if necessary.



d. Install the two magnetic sensors at 50cm to edge of the dentate strip and make sure the gate will react when close to the upper and lower parts of stop sensor.



adjust the height

short bracket

e. Switch off the clutch and use the controller to see if the moving gate stops when reaching the magnetic sensor.



If not stop, please press “停” or power off immediately to preventing the gate damages. Adjust the place of magnetic sensors and the test again. Repeat this procedure till it works.

f. Fix the magnetic sensor to the closing point, and then test again.



g. The last step is to press the button No.25 on the circuit board, and then the gate will automatic operate one or two times for recording the gate width.

