The SolarCleano F1 is the ultimate robot to clean solar panels, born from the association of theory and years of cleaning experience.

Already in 5 continents

The sunlight reflection effect by dirt decreases the absorption of solar energy on the photovoltaic cells.

Power generated by the Labastide power plant, before and after cleaning (W)

<table>
<thead>
<tr>
<th>Time</th>
<th>Solar panels without cleaning</th>
<th>Cleaning with SolarCleano</th>
</tr>
</thead>
<tbody>
<tr>
<td>Noon</td>
<td>800,000</td>
<td>600,000</td>
</tr>
<tr>
<td>0h</td>
<td>7h</td>
<td>16h</td>
</tr>
</tbody>
</table>

The robotic solution for wet and dry cleaning of solar panels.
SolarCleano F1

Camera for remote operation

Central electric switching box

Connects to standard garden hoses of 12mm diameter & 2-6 bar water pressure. Exchangeable nozzles to adjust the water consumption (0 to 0.6 l/min).

Water-free system
Dry cleaning

Helicoidal brushes

From 1,2m to 2,2m with 2 bristle types.

Dry & Wet cleaning

Crosses easily any gap
Up to 70cm.

More than one robot can be used to clean a same solar panel installation.

Certified NO microcracks after electroluminescent test

Specialized pads to clean up 28° with water

THE FASTEST ROBOT ON THE MARKET

Cleaning surface with 1,2m brush:

1000m²/h

Cleaning surface with 2,2m brush:

1500m²/h

(Picture on the bottom right)

Various types of brushes

Some larger than panel’s dimensions

FLEXIBLE USE

Works on all solar panel types: glass canopies, floating solar islands, ground roof installations and carports, among others.

Fully Modular Design

4 parts for easy transportation. One robot - 1,5MW - 1 day - 1 person.

Assembly Disassembly time: 2min

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FLEXIBLE USE

Works on all solar panel types: glass canopies, floating solar islands, ground roof installations and carports, among others.

Better safety
No work at height required.
Easy handling.
Remote control
Range of 200m.
Autonomy of 12h.
Water resistance IP65

One year warranty with dedicated after sale service

New products are developing constantly.

SolarCleano M1, mini robot with brush 85cm.

THE FASTEST ROBOT ON THE MARKET

Cleaning surface with 1,2m brush:

2880m²/h with Max. speed

One robot - 0,5MW - 1 day - 1 person.

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