



SCM1-20 SOLAR CLEANING ROBOT

MADE FOR DESERT

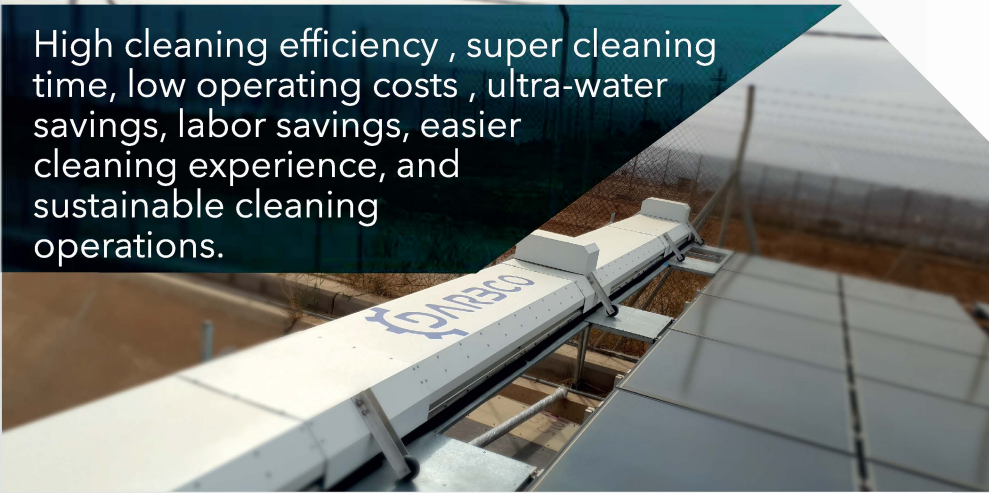
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High cleaning efficiency , super cleaning time, low operating costs , ultra-water savings, labor savings, easier cleaning experience, and sustainable cleaning operations.



Intelligent Control System

Trusted and Reliable

Easy Deployment

Edge Detection Sensors

AI TECH

Durability in rough environments

720 kWp/hr linear cleaning speed

2 m3/MWp Water consumption



KNOW YOUR ROBOT

SCM1-20 is designed to clean all types of solar panels' systems using an optimized wet cleaning technology that removes more than 99% of the accumulated dust and keeps the production of the panels at its peak efficiency.

The cleaning robot has been thoroughly tested to prevent any damage to the panels.



SCM1-20 Technologies

-Self-aligning Technology:

Allowing the cleaning robot to override misalignments in the solar table.

-Active Wiping Technology:

Improving the wiping process, ensuring panel dryness, and preventing dust accumulation, even in installations of uneven solar panels.

-Sequential Cleaning Technology:

Using a three-stage sequential cleaning process to achieve high cleaning efficiency.

1. Water injection stage
2. Brushing stage
3. Wiping stage