

# SolarCleano

developed by cleaners

## Technical Data Sheet SolarCleano B1



January 2025

ZARO 2-4 rue Gustave Loosé,  
L-8346 Grass - Luxembourg

T: +352 288 069 - [info@solarcleano.com](mailto:info@solarcleano.com)



# Description

The SolarCleanso BI revolutionizes large solar plant cleaning with unmatched efficiency and speed. The « SolarBridge » has been designed to allow a single user to easily configure and control it.

- It is battery-powered and remotely controlled.
- The SolarCleanso BI exists in four dimensions depending on the width and height of the solar panel rows.

The SolarCleanso BI has been created for ground-based utility-scale solar panels installations and is guaranteed for 12 months.

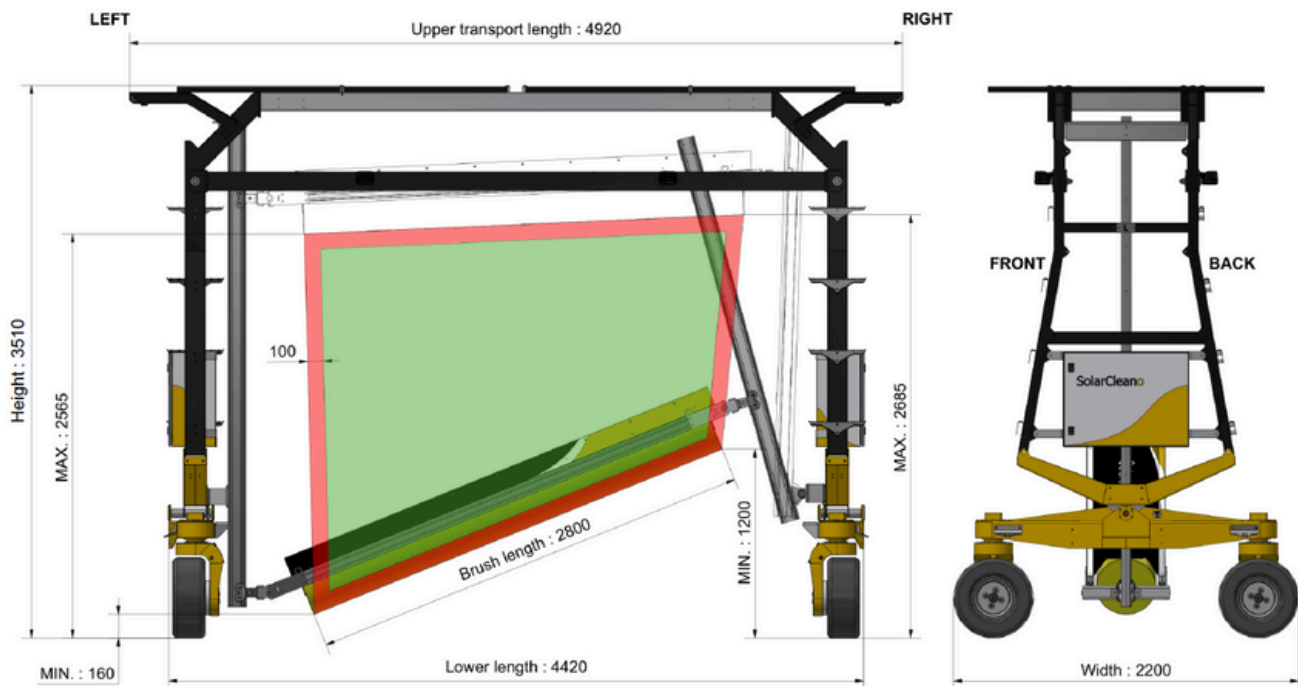
- It can perform both wet and dry cleaning.
- The SolarCleanso BI's brush can automatically track and self-adapt to the height and inclination of solar panels for smoother operation.



# B1 XS - Dimensions & Brush

## Chassis Dimensions

4920 x 2200 x 3510 mm



## Brushes

Brush length  
Brush inclination  
Pressure on panels

2.8 m  
-10° to 36° (-17.6% to 72.65%)  
Adjustable

## Type of Bristles

Bristle adapted to your cleaning needs

## Weight

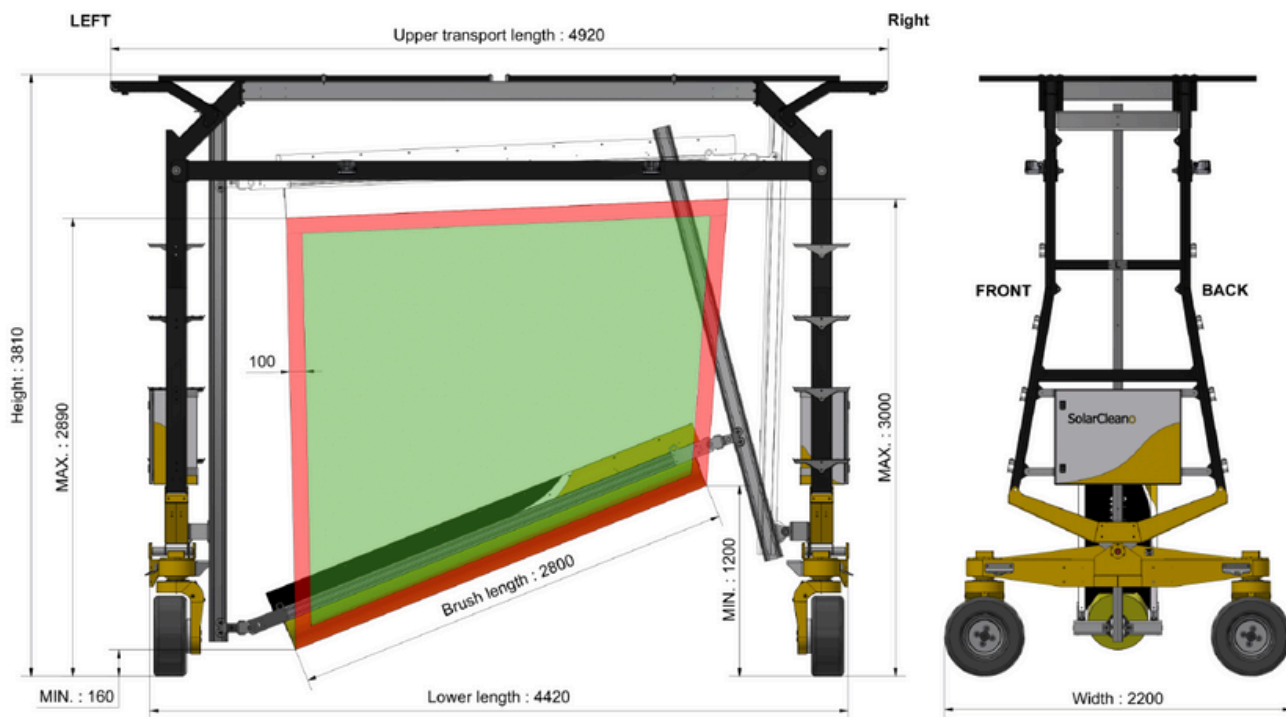
Total weight

1150 kg

# B1 S – Dimensions & Brush

## Chassis Dimensions

4920 x 2200 x 3810 mm



## Brushes

Brush length  
Brush inclination  
Pressure on panels

2.8 m  
-10° to 35° (-17.6% to 70%)  
Adjustable

## Type of Bristles

Bristle adapted to your cleaning needs

## Weight

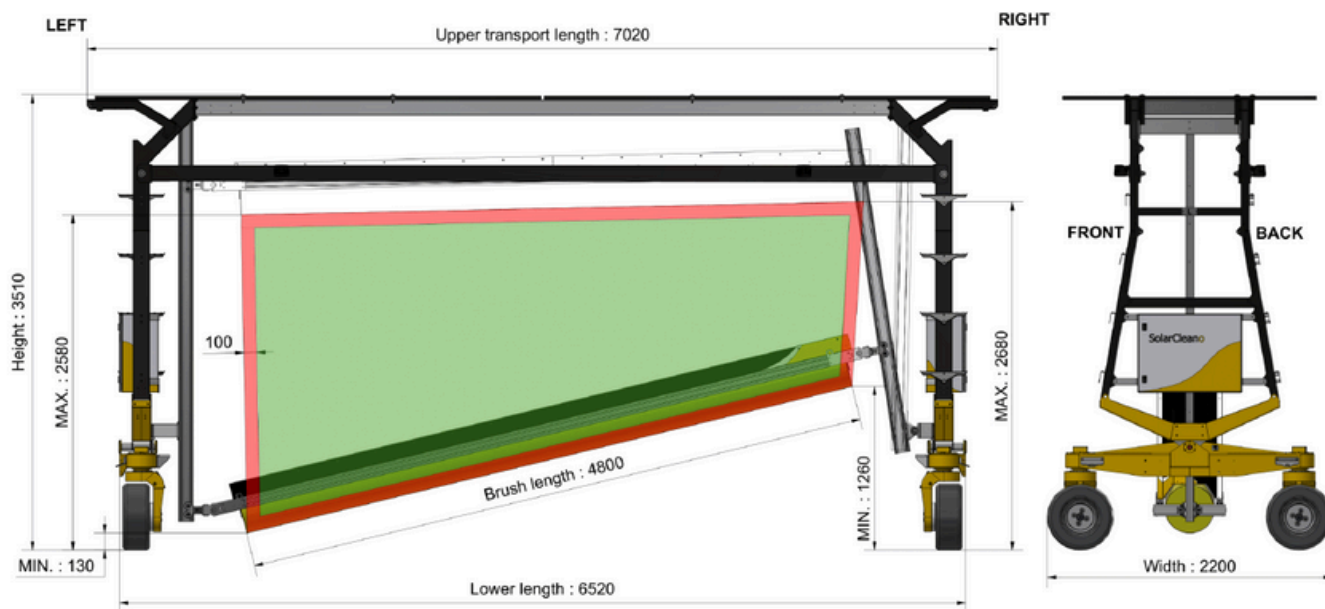
Total weight

1150 kg

# B1 L – Dimensions & Brush

## Chassis Dimensions

7020 x 2200 x 3510 mm



## Brushes

Brush length  
Brush inclination  
Pressure on panels

4.8 m  
-10° to 29° (-17.6% to 55.4%)  
Adjustable

## Type of Bristles

Bristle adapted to your cleaning needs

## Weight

Total weight

1250 kg

# B1 XL - Dimensions & Brush

## Chassis Dimensions

7020 x 2200 x 3810 mm



## Brushes

Brush length  
Brush inclination  
Pressure on panels

4.8 m  
-10° to 32° (-17.6% to 62.5%)  
Adjustable

## Type of Bristles

Bristle adapted to your cleaning needs

## Weight

Total weight

1250 kg

# Other Technical Features

## Movement system

Speed	Up to 40 m/min
Cleaning capacity	7-20 MW/day
Wheels rotation	360°
Types of tires	All terrain wheels

## Battery

Quantity	6
Autonomy	7-10h
Charger capacity	30A

## Remote control

Autonomy	22h
Max. distance	100 m
Protection rating (water)	IP65

## Additional features

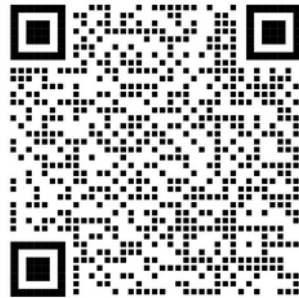
Wet & Dry Cleaning	Yes
Solar panels	Yes
Lights	4 LED lights
Smart display for real-time monitoring	Tri-color status LED

## Water

Consumption	0.5 L/m <sup>2</sup>
Pressure	3-8 bar
Hose Diameter	13-15 mm

## Condition of use

Protection rating (water)	IP56
Storage temperature	-15° to 55° C
Working temperature	-10° to 50° C



# SolarCleano

developed by cleaners

SolarCleano  
ZARO 2-4 rue Gustave Loosé,  
L-8346 Grass - Luxembourg  
T: +352 288 069 - [info@solarcleano.com](mailto:info@solarcleano.com)