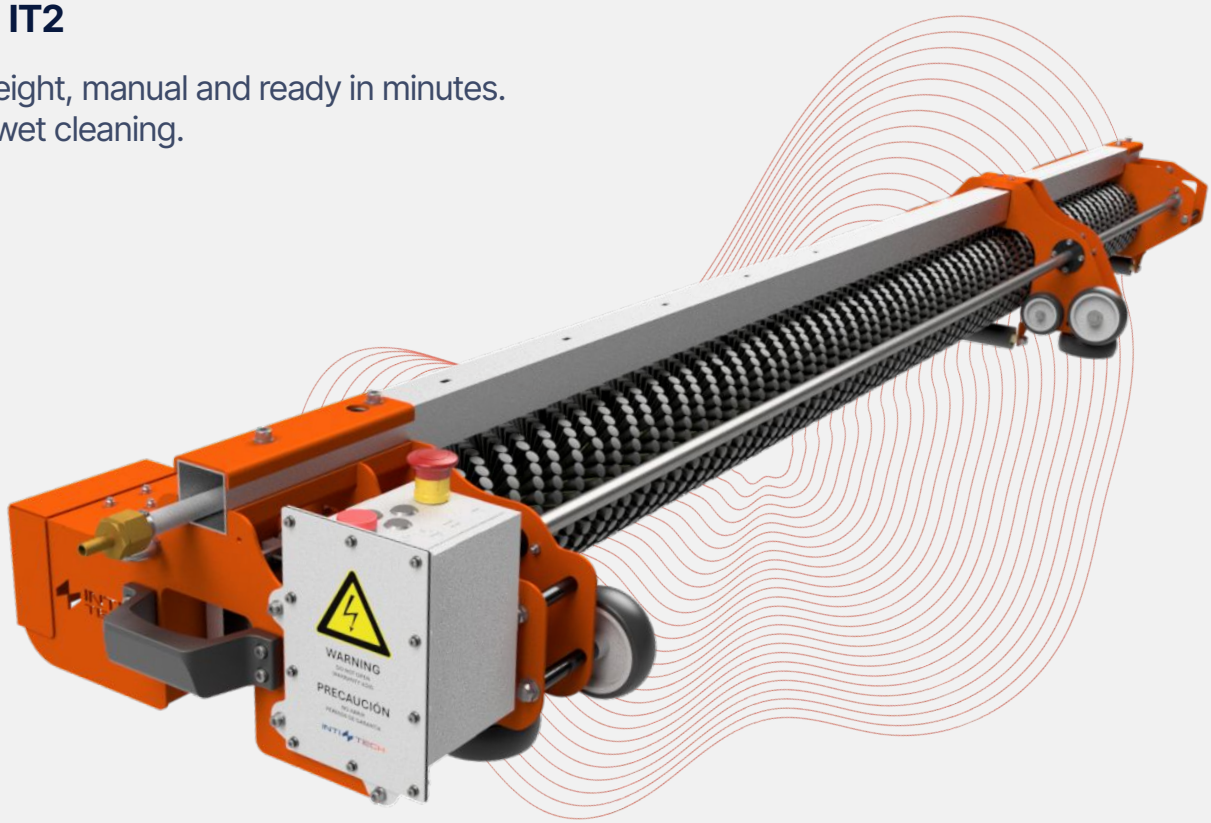
SOLAR PANEL CLEANING EQUIPMENT

PushBot

Model IT2

Lightweight, manual and ready in minutes.
Dry or wet cleaning.



5,000 panels
cleaned per day (reference)

1 operator
Pushed along the row, no fixed installation

5.25-8.2 ft
Module length range (short: up to 7.22′ · long: up to 8.20′)

1.6 h
Autonomy per Kobalt® 24 V 8.0 Ah battery*

*24 V wired power supply option available

Key Features

Dry or Wet Cleaning

Water can enter from both the top and bottom sides of the machine.

Integrated Height Adjustment

Set the brush-to-panel distance and extend brush lifespan.

Fits Multiple Module Lengths

Adapts to a wide range of PV modules in 1-Portrait configuration.

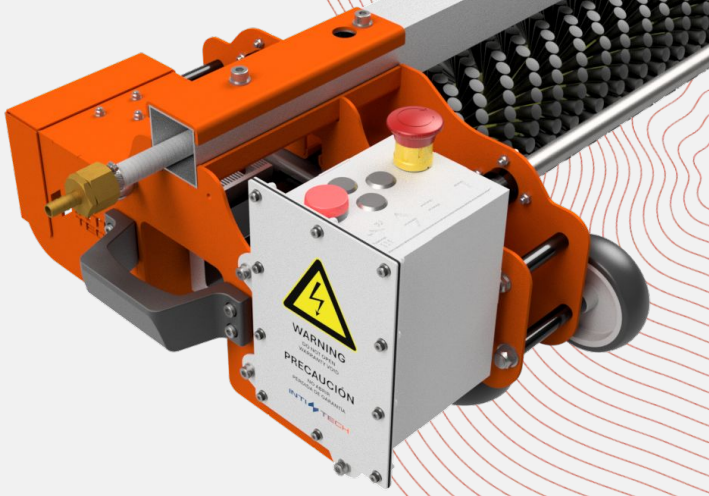
Quick to Deploy

Intuitive operation. Your team learns it in minutes.

INTI TECH

TECHNICAL SPECIFICATIONS

Versatile Cleaning Made Simple



	SHORT model	LARGE model
Net weight	**77 lb** 35 kg	**81 lb** 37 kg
Dimensions (L × W × H)	**9.38 × 1.51 × 0.98 ft** 2.86 × 0.46 × 0.30 m	**10.37 × 1.51 × 0.98 ft** 3.16 × 0.46 × 0.30 m
Panel length range	**5.25 – 7.22 ft** 1.6 – 2.2 m	**5.25 – 8.20 ft** 1.6 – 2.5 m
Protection	Dustproof and waterproof	
Power supply	Kobalt® 24 V 8.0 Ah battery or external power supply (options available); neither is included	
Autonomy	1.6 h @ Kobalt® 24 V 8.0 Ah (reference), with the robot actively operating	
Brush speed	260 – 300 rpm	
Motor type	BLDC (brushless DC)	
System of movement	Manually pushed by one operator	

Control Panel

Buttons	3 brush-rotation buttons + emergency stop
Indicator light	1 bicolor light (critical temperature and current)
Cable connections	4 (motor, battery and sensors)

Water System

Water connections	Top and bottom inlets; two valves for controlling the left and right water outlets
Recommended pump (not included)	Flow rate 5–40 L/min Head 5–38 m · Power 0.5 hp
Water use per panel	27 fl oz (reference, both valves open)

BRUSH APPROVAL LETTERS

Approved by eight Tier 1 module manufacturers

LONGi · JinkoSolar · Trinasolar · JA SOLAR · CanadianSolar · BYD · ASTRONERGY · YINGLI SOLAR

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