



WHO IS PACO® ?

PACO® is a collaborative robot that assists painters in the **painting** of new builds and large renovation sites. It can **operate at heights up to 3.5m**, runs on batteries, is **easy to clean and use** and environment friendly.



HOW DOES PACO® WORK ?



1. 3d scan

1- The operator digitize the environment using a 3d scanner and obtains a 3d mock-up.



2. Programming

2- The operator selects the surfaces to be painted by PACO® and defines all the painting work to be carried out. The selection is done on the touch tablet.



3. Operations

3- PACO® carries out its operations autonomously. This allows the painter to perform other tasks in parallel.



PACO® IN VIDEO

LET'S MEET !

LES COMPANIONS

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Les Companions

Robots for Painters !



Hodéfi

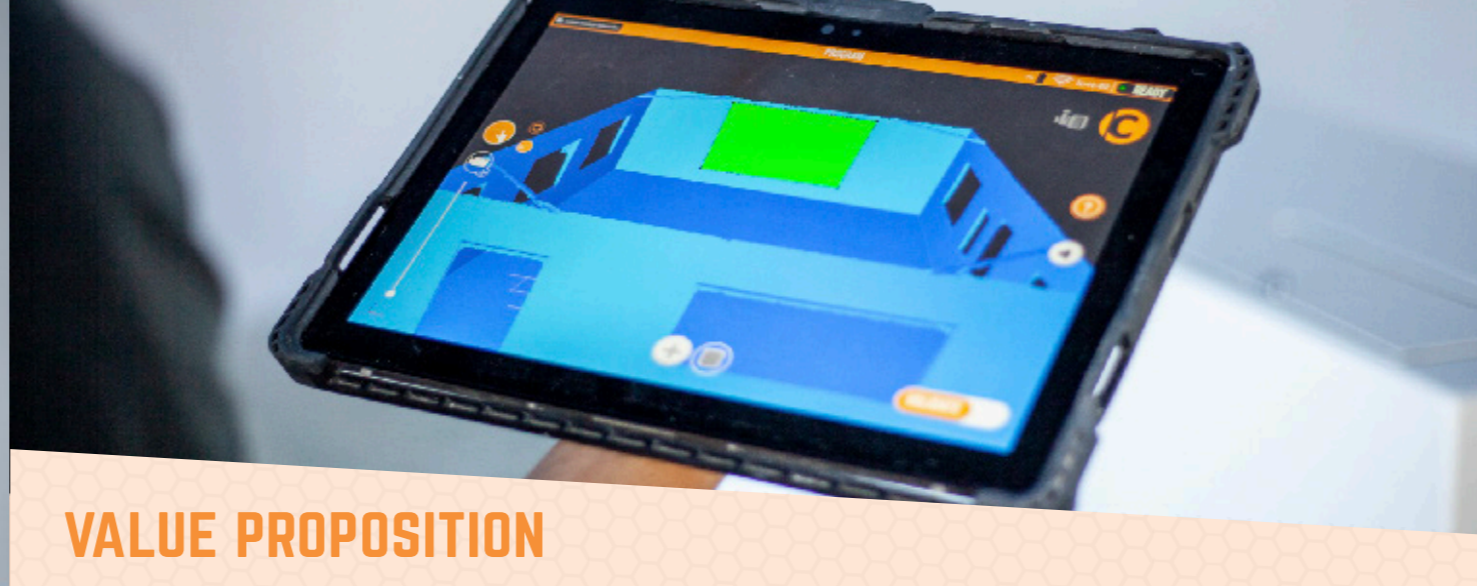




TEAM

A TEAM OF EXPERTS

Engineers, developers, designers, the team of *Les Compagnons* is expert in robotics and dedicated to painters. Collaboration and humanity are at the heart of our values for robotics at the service of people.



VALUE PROPOSITION

+ PERFORMANCE

Robotics helps ensuring repeatable, controlled production rates. In an ultra-competitive environment, **PACO**® gives you the means to differentiate yourself through innovation. The robot brings productivity and efficiency gains, so you can deliver your jobs faster. **PACO**® helps you cut costs and improve margins.

+ SAFETY

PACO® reduces health and safety risks in the workplace. The robot performs tedious and repetitive tasks, while the painter does all the fine works and decision-making. The robot can operate at a height of 3.5m, reducing the risk of falls.

+ 2 COATS IN 1 OPERATION

PACO® is mechanical and repeatable by essence, ensuring a constant and known level of quality. The system manages the density of paint deposited, and can apply the equivalent of 2, 3 or 4 coats in a single pass. The robot is equipped with an airless spraying system that delivers a very taut and slick finish.

+ FLEXIBILITY

In a world where hiring skilled labor is complex, **PACO**® makes it easy to increase your operational resources: do more works and answer more tender. It frees up your painters so they can focus on high value tasks.



+ SUSTAINABLE

PACO® applies just the right amount of paint, no more. It minimizes paint volumes and VOCs (Volatile Organic Compounds). **PACO**® is compatible with "zero liquid discharge" cleaning systems, because the environment is an asset to be preserved. You'll be able to train your teams to new, innovative and satisfying tools, offering a new perspective to their careers. **PACO**® is designed and assembled in France.

SPECIFICATIONS

WIDTH	768mm
LENGTH	1 350 mm
HEIGHT	1 138 mm (folded lift), 3 500 mm (lift extended)
MASS	305 kg (fully loaded), 275 kg (without paint and battery)
GROUND SPEED	< 0.3 m/s
MINIMUM SETBACK	1.5 m
CARTRIDGE CAPACITY	18 L
GUIDANCE	Manual or automatic (lidar data compared to scan data)
DEGREES OF FREEDOM	Evolution of a mobile platform on the ground + elevation + 6 axes arm
POWER SUPPLY	24V battery, for a maximum power of 1 600 W
PROGRAMMING	Man-machine interface via a touch screen tablet
IP CLASSIFICATION	IP 22 (except under the robot)
COLLABORATIVE ROBOT	5 safety functions with PL
OPERATING TEMPERATURE	5°C - 35°C
	NOTE : the paint may have more restrictive conditions of use
PERMISSIBLE TEMPERATURE	Vibration levels encountered in a standard office environment
COMMUNICATION TECHNOLOGY	WiFi 2,4GHz

OUR MISSION

A COLLABORATIVE TOOL

The combination of our robotic system and the expertise of the painters is the key to our new methodology.

PACO® streamlines work methods, ensures consistent quality, performs tedious and repetitive tasks and creates a safe and efficient working environment that enhances the knowledge of the people on site.

SUPPORTING YOU

The painting sector is ultra-competitive, and only the most efficient companies stand out in the long term. You are constantly challenged to balance speed, efficiency and profit margins whilst maintaining a safe working environment.

Our ambition? Providing you with concrete solutions on a daily basis for your working sites through technology.

