





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 of up to 3.5m**, runs on batteries and is **easy to clean and use**.



HOW DOES PACO® WORK ?

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1. 3d scan
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2. Programming
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3. Operations
- 1 - A digital model of the room or building is created using the supplied 3d scanner.

2 - The operator programs PACO® and defines all the painting work to be carried out, the programming is easy.

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



PACO® IN VIDEO

LET'S MEET !

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Hodéfi



Les Companions

Robots for painters!



PACO®
The robot for painters !



TEAM

A TEAM OF EXPERTS

Engineers, developers, designers, dedicated to creating robots that collaborate with and help painters.

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.

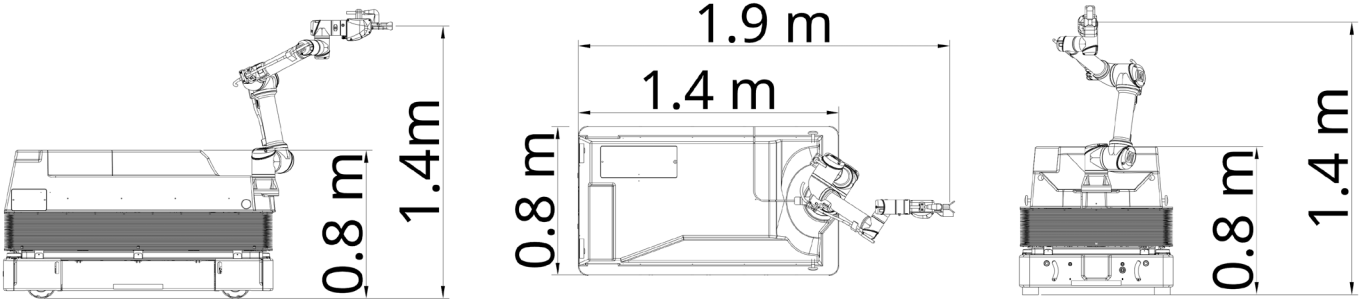
SUPPORTING YOU

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.

SPECIFICATIONS

WIDTH	768 mm
LENGHT	1 350 mm (folded lift)
HEIGHT	1 138 mm (folded lift) 3 500 mm (lift extended)
MASS	305 kg (fully loaded - depends on the density of the paint used) 275 kg (without paint and battery)
GROUND SPEED	< 0.3 m/s
MINIMUM SETBACK	2.5m
CARTRIDGE CAPACITY	15L
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 600W
PROGRAMMING	Man-machine interface via touch screen control panel
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 standar office environment
COMMUNICATION TECHNOLOGY	WiFi 2,4GHz



VALUE PROPOSITION

+ PERFORMANCE

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

+ QUALITY

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

+ FLEXIBILITY

In a world where it's difficult to recruit skilled workers, PACO® makes it easy to increase your operational resources: do more jobs and respond to more invitations to tender. It frees up your painters to focus on higher value-added tasks.

+ SAFETY

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

+ 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 in new, innovative and motivating tools, offering them a new perspective on their careers. PACO® is designed and assembled in France.

