the high level complete solution for the painting of window frames

finishing systems





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POWERFUL



Reduced spraying time for every item. Reduced production time for every item. Less wasted lacquer thanks to the robot's accuracy and restriction of the overspray.

SMART



The system is easily integrated into complete lines with in-line or step-by-step feed. **High versatility** in different applications thanks

to the automatic fast color change option, even for the small pieces.

Flexible spraying options for different pieces thanks to the optimized gun holding tool.

QUALITY



High quality, uniform application all day

Certainty of the lacquer sprayed, guaranteed by the anthropomorphic robot.

SOFTWARE



Ability to manage the work sequence. Easy and intuitive graphics. Robot can be remotely controlled without the operator present.

Additional axis engineered to achieve a uniform and controlled lacquer application.

100 REASONS TO BUY, 200 REASONS TO ENJOY

TECHNOLOGICAL ADVANTAGES



robot maestro

the high level complete solution for the painting of window frames





Specially designed to spray large size items. The robot is typically used for window frames but could also be used for many additional applications such as stacks, cabinet doors, and more.

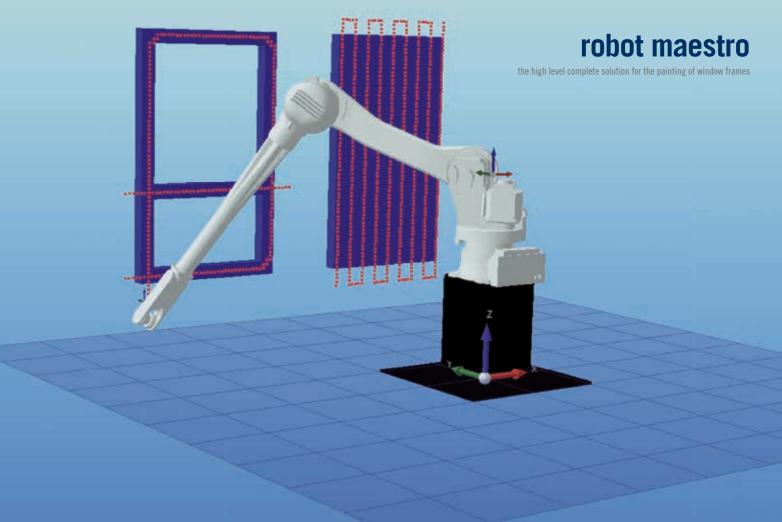


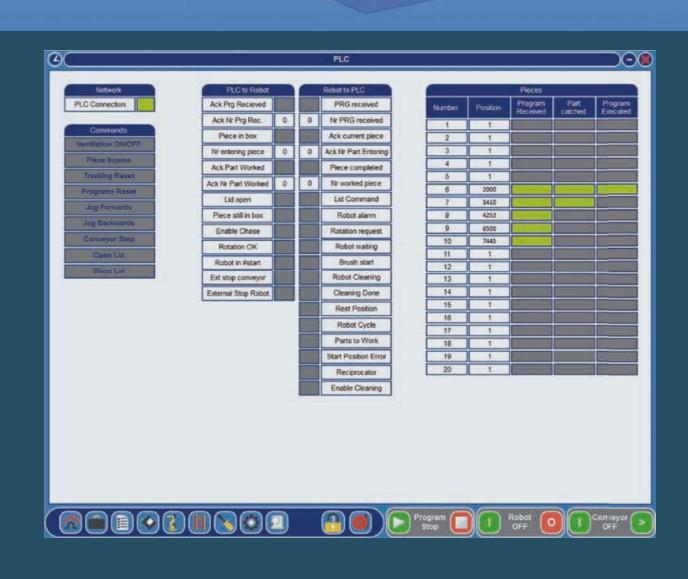












DIODES SCANNING BAR!

FOR THE PIECES SCANNING



Accurate work-piece scanning to detect the pieces, dimensions, and shapes through the diodes bar with 10mm step

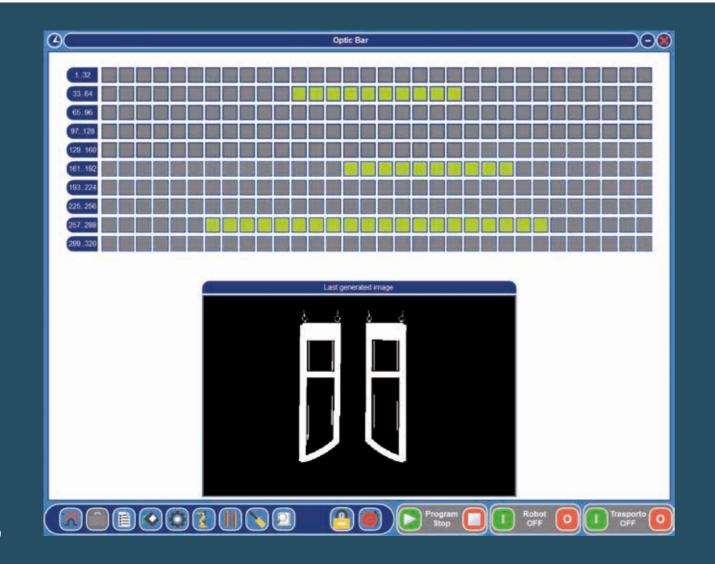
Window frame scanning is sent to the robot control system to optimize the spray

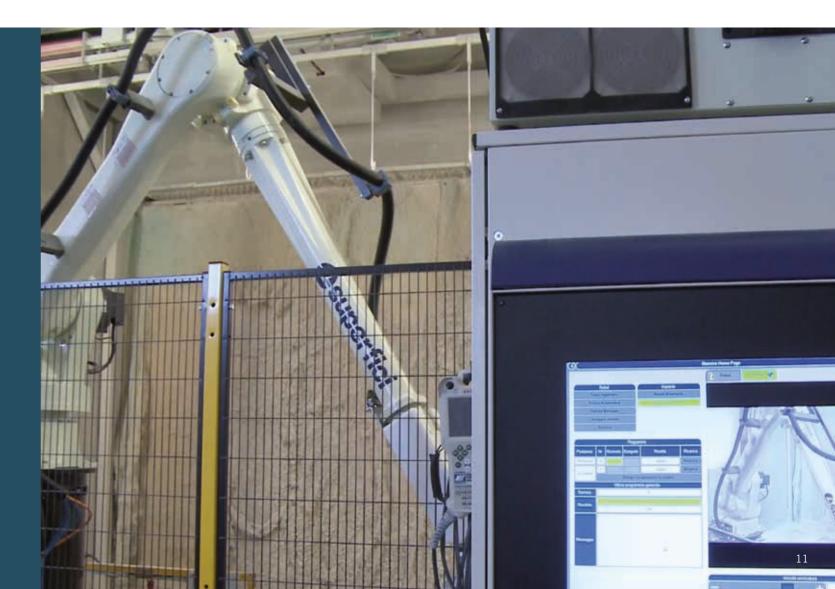
REMOTE EYE TO MONITOR YOUR JOB!

robot maestro

CAMERA CONNECTED WITH THE SOFTWARE

VNC or Teamviewer remote desktop links to visualize the machine interface, assist the operator during work, create recipes, start the machine, and even reset the alarm. Interconnection to a company informatics system through Profibus or Ethernet connection (optional). Monitoring and follow-up of the robot activities (optional).





ACCURACY AND EASE HIGH PERFORMANCE OF THE ANTHROPOMORPHIC ROBOT

The robot is equipped with a seven-axe gun holder to spray the different areas of window frames for a uniform lacquer application

Spraying angle is set from 0° to 90° by the software.

The robot is also equipped with a pressurization system to avoid dust, lacquer, or solvent infiltration.









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FROM ONE APPLICATION TO ANOTHER COLOR CHANGE WITHOUT ANY TROUBLE

The robot is ready to be equipped with a quick lacquer change complete with flush tank and a programmable gun nozzle cleaning device.

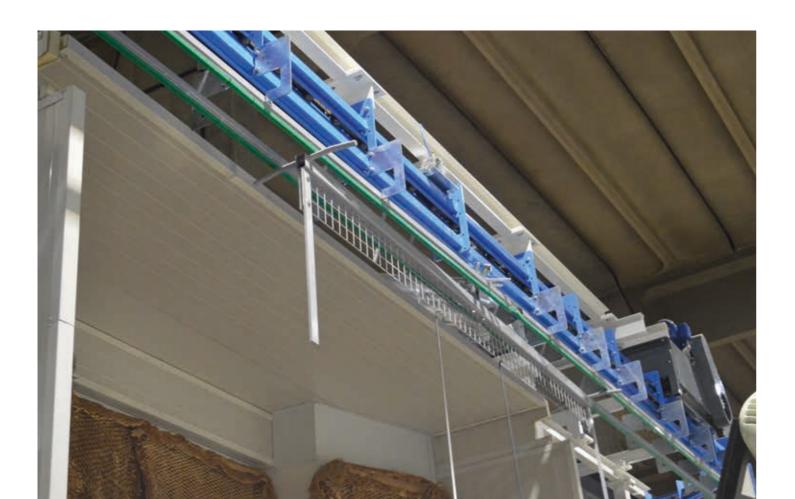


Instant color change during the piece transaction.



Manual or automatic color change with work recipes directly managed by the software for every single piece.





EASY LINE INTEGRATION

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Hang conveyor with automatic rotating device for the flying bar, coordinated with the robot to uniformly spray the window frames on the two sides.





THE STRONGEST WOOD TECHNOLOGIES ARE IN OUR DNA

SCM. A HERITAGE OF SKILLS IN A UNIQUE BRAND

Over 65 years of success gives SCM the centre stage in woodworking technology. This heritage results from bringing together the best know-how in machining and systems for wood-based manufacturing. SCM is present all over the world, brought to you by the widest distribution network in the industry.

65 years history

3 main production sites in Italy

300.000 square metres of production space

17.000 machines manufactured per year

90% export

20 foreign branches

350 agents and dealers

500 support technicians

500 registered patents



In SCM's DNA also strength and solidity of a great Group. The SCM Group is a world leader, manufacturing industrial equipment and components for machining the widest range of materials.

SCM GROUP, A HIGHLY SKILLED TEAM EXPERT

IN INDUSTRIAL MACHINES AND COMPONENTS

INDUSTRIAL COMPONENTS

Technological components for the Group's machines and systems, for those of third-parties and the machinery industry.

INDUSTRIAL MACHINERY

Stand-alone machines, integrated systems and services dedicated to processing a wide range of materials.



WOODWORKING TECHNOLOGIES



TECHNOLOGIES FOR PROCESSING COMPOSITE MATERIALS, ALUMINIUM, PLASTIC, GLASS, STONE, METAL

SPINDLES AND TECHNOLOGICAL COMPONENTS

HITECO

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ELECTRIC PANELS

4steelmec

MFTAI WORK

4scmfonderie

CAST IRON

