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SMART PRINTER
AUTOMATED CONNECTOR MARKING

SAMEC MACCHINE
wire technology solutions

AUTOMATED CONNECTOR MARKING

SMART PRINTER

OPTIMIZATION OF PRODUCTION PROCESSES
LESS TIME SPENT ON MACHINE SETUP
INCREASED EFFICIENCY OF THE MACHINE FLEET

TECHNICAL SPECIFICATIONS

Overall dimensions	1050 x 2500 x H 2100 mm
Weight	350 kg
Power supply - absorption	220V single-phase - 6 Amperes
Pneumatic supply	6 bars
Number of programmable parts	900K parts, divisible into separate lots
Transport speed	1 m/s
Print management software	Integrated
OPTIONAL	Ink-jet - laser printer

SIMPLE, FUNCTIONAL, SAFE

Productivity and collaboration in a single solution, without compromise. The fast, high-performance, and safe robot works alongside the operator, who only has to feed the loading hopper.
Equipping the machine, changing formats, and checking processing are now possible in complete safety and ergonomics.
The Smart Printer connects quickly and functionally to the printer, which can be of various technologies: ink-jet, laser.

COMPACT, EASY TO USE

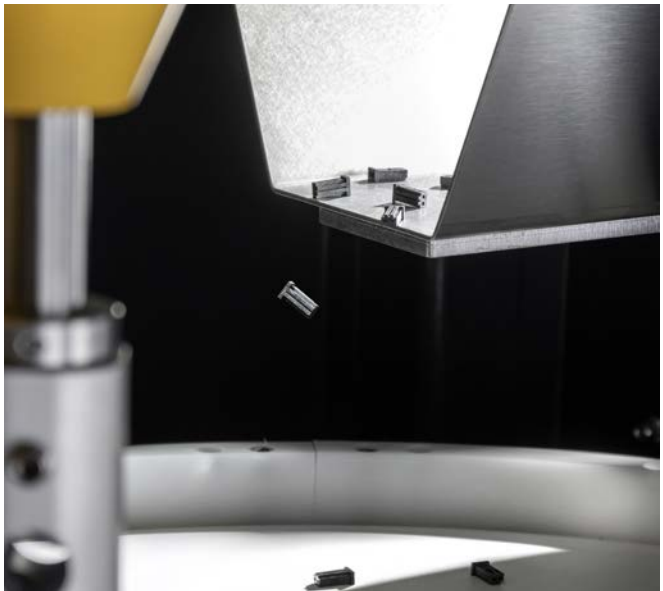
The Smart Printer takes up minimal space.
It operates on one side, where the print ribbon exits completely free to ensure maximum accessibility to the work area. Printer programming is no longer a problem; production batches, including the print string, are created from a single interface.
Maximum operational efficiency is guaranteed in every situation.

CUSTOMIZABLE

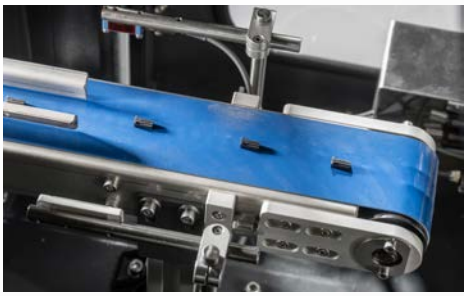
The Smart Printer can be set up and configured to suit your specific application.
Samec Macchine can create tailor-made, turnkey applied robotic and automation solutions.
Maximum operational efficiency guaranteed in every situation.

SAFE AND RELIABLE

The new range of SCARA robots with integrated safety card and proximity laser scanner ensure a safe and reliable working area.
The Smart Printer is manufactured in compliance with all product safety regulations.

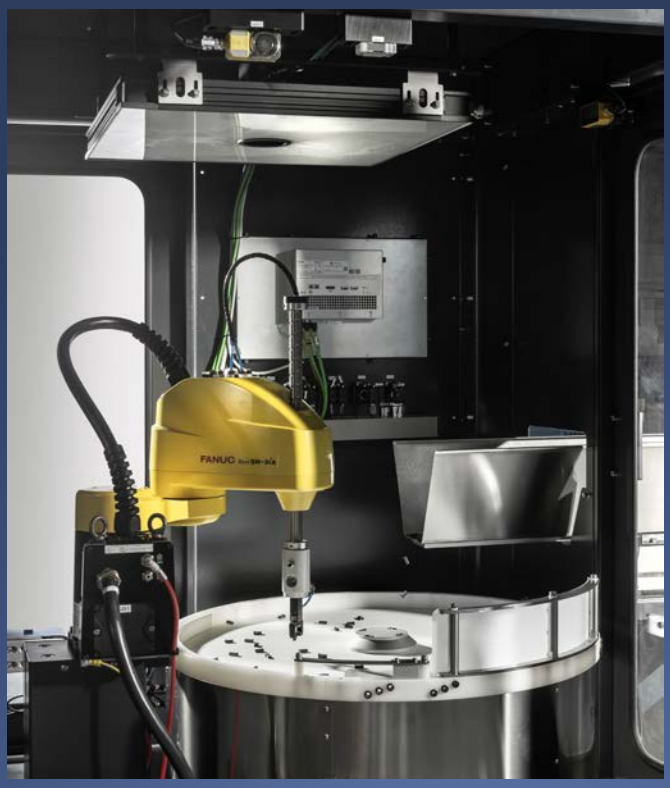


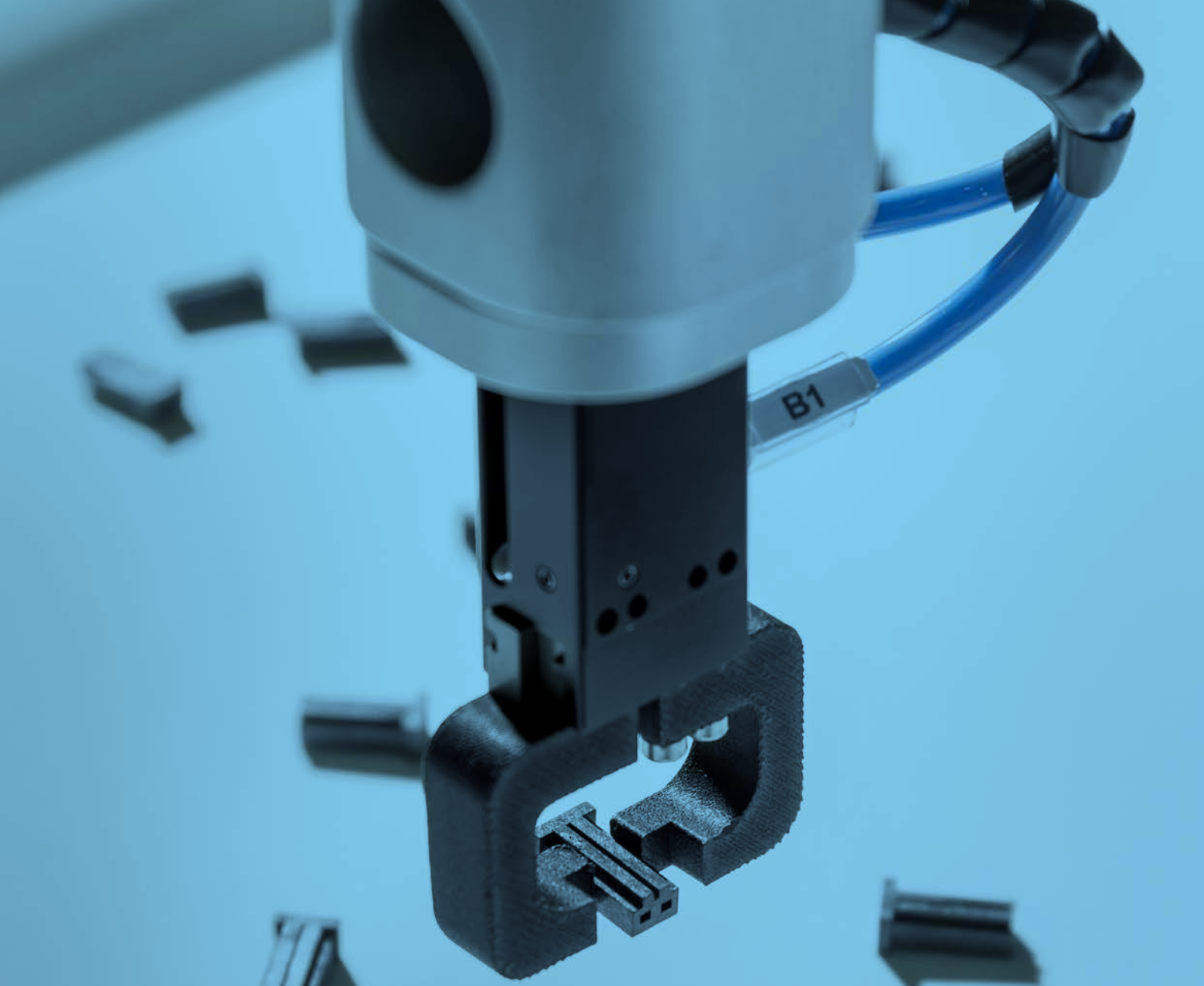
THE PERFECT SOLUTION FOR CONNECTOR MARKING



ROBOT GUIDANCE FOR PART PICKING WITH CAMERA VISION SYSTEM

A flexible solution that can be adapted to any type of connector. The impact on the layout is minimal, and the printer remains accessible without physical barriers.
Container, tray, or tape: the Smart Printer is tailor-made to meet different format and working autonomy requirements. Simple and quick to set up: the format change is custom-designed and built to ensure quick and safe setups.
The equipment is configurable and easily accessible, and the work area is customizable and fully accessible.
The perfect solution, designed down to the smallest detail.





EASY TO MOVE AND INSTALL

OPTIMAL GRIP SYSTEM

EASILY ACCESSIBLE

The automatic connector marking system represents the perfect integration of intelligent automation and operational flexibility. Plastic components are fed through a vibrating container, oriented and recognized by a high-precision camera, while a robotic arm ensures correct positioning on the feed belt. Thanks to dynamic component flow management and integrated vision functions, the system guarantees process continuity, efficiency, and maximum final product quality in full synergy between man and technology. A single solution to optimize productivity, precision, and safety at every stage of the marking cycle.

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Italian Technology Quality