

2. Maximum inkjetProductivity



Thanks to the expertise of the SMARTJET Technical Team and the complete configurability of the system using the most advanced inkjet technology on the market, PERFORMA is able to reach the highest performance in inkjet printing.

4. Maximum reliability



Built with the best European components, PERFORMA is printing system designed for maximum stability of performance over time and for a minimum downtime in order to guarantee maximum productivity 24/7.

3. The perfect platform for Special Projects



Thanks to the complete configurability of the machine and the dedicated work of the SMARTJET technical department, PERFORMA is the ideal answer in the search for a printing solution that is capable of decorating non-printable surfaces with current standard printers.

5. Dedicated assistance



Thanks also to remote assistance, the SMARTJET Technical Team is able to effectively support you during the entire life cycle of the machine to always guarantee the maximum uptime. SJ CARE is the service package designed for all PERFORMA solutions in order to guarantee the maximum uptime of the system through timely interventions and with official parts.

PERFORMA

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PERFORMA



The ideal platform for personalising your industrial inkjet printing plant

PERFORMA is SMARTJET'S innovative platform for the development of industrial inkjet systems that can be configured to the customer's printing needs.

The tailor-made Industrial inkjet Printing System



1 Overview of the characteristics of the inkjet and the advantages and disadvantages associated with this technology

2 Understanding of the user's needs and assessing the applicability of an inkjet printing process in the process of the current printing of the user based on the available technology

3 Substrate analysis and Ink Research

4 Sampling and verification of printing results

5 Definition of the Full Print Configuration

6 Design and realisation of the Printing System

7 Setup Activity of the printing plant
a. Waveforms development
b. Ink calibration
c. Colour profiling
d. RIP images and integration of specific software

 **SMARTJET**
CUSTOM INKJET SOLUTIONS

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Setting up a bespoke printer allows the customer to overcome all the compromises that have to be considered in the case of standard printers

This is why PERFORMA is the ideal solution for those who are looking for:

- No compromise regarding the print performance
- Open and configurable Industrial System, with maximum freedom on the type of ink, colour number, print size and advanced automation systems



Key benefits

The PERFORMA platform is designed to work on the most modern production lines and therefore guarantee the best performance in terms of:

-  **Productivity**
-  **Print quality**
-  **Reliability**
-  **Durability over time**
-  **Integration with Production Line**
-  **Versatility in terms of Application and Print Substrate**

PERFORMA features

1. Complete customisation of the printing solution based on the needs of the User.



The platform can be entirely configured in all the major components, based on customer request

A. Printhead

- In particular it is possible to select:
- Different types of available printheads
 - Print width
 - Print resolution

B. Colour Configuration

The machine can integrate all the colour bars that the printing process needs to achieve the customer's expected result. In addition to full colour (CMYK) and white (W), this can be accompanied by the addition of specific modules for the printing of pantone colours, Primer or Varnish

C. Definition of a specific, excellent Ink Set for the type of substrate to be printed

Thanks to the activity of the internal Laboratory, SMARTJET is able to research the type of ink that best suits the print substrate and the aesthetic rendering of the printing requested by the customer, as well as regulatory constraints.

D. Pre-Treatment System.

Depending on the surface to be printed, the system's print configuration may require a surface pre-treatment system. This is why PERFORMA is designed to be able to integrate any type of Pre-treatment system required by the application:

- Speed:
- Corona
- Plasma

E. Software

Depending on the process and customer needs, PERFORMA is set up to interface with the entire production line in which it will operate to optimise the management of process information flows and ensure maximum integration with the customer's production system.

F. Final Curing System

Depending on the print configuration, PERFORMA is ready to accommodate all the major curing systems applied to the industrial inkjet print for the various ink types:

- UV LED
- Traditional UV
- IR

G. Transport

The dimensions of the applications to be printed can be very different from each other, in addition, each customer can have significantly different production needs from one another. This is why the PERFORMA platform provides the possibility of integrating a tailor-made transport system based on customer needs.

In particular, the transport system can be customised in terms of:

- Type of transport
- Width
- Speed
- Automated part loading and unloading systems

