

## Latest INKJET printing technology | System COLARIS

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Important Information about the latest Inkjet printing technology **COLARIS** from **ZIMMER AUSTRIA**.

Zimmer Maschinenbau GmbH, Kufstein, introduces **COLARIS**, beginning of the new era in digital printing technology for textile printing.



This innovation offers the user significant improvements in digital textile printing.

The **COLARIS** printing technology uses fillings with 4, 6 or 8 process colors and enables print of any designs and colorway without restriction of specific continuous length with the repeating pattern.

Practical unlimited coloration possibilities together with superior quality which was never achieved until now and in comparison with the current status of technology, significantly increased production capacity.

The **COLARIS**-Inkjet printing technology has achieved, as expected from the market, the development step from commercial to industrial application; namely with highest quality standard and higher economy.

Zimmer Kufstein offers a complete package available at one place: The complete **COLARIS**-Inkjet printing system – entry unit, printing machine, dryer – high end, reliable operation software along with a complete application know-how.

The **COLARIS**-printing technology has offered a new method to textile printers.

Concrete performance data: Obtainable capacity up to 480 m<sup>2</sup>/h, in other words up to around 2000 linear meters in one shift.

The **COLARIS** technology uses electronically formed variable drops, which enables perceived printing quality with the resolution of more than 720 dpi.

The **COLARIS**-Inkjet printing system is available for printing widths of 180, 260 or 320 cm.

In the phase of design planning, main focus has been kept on simplicity in operation. Operation panel used for setting-up the printer and entering start-stop as well as performance instructions, is arranged at a convenient machine site. The multilingual user interface reduces the training expenditure and simplifies the control of processes.

Depending on the customer requirement, **COLARIS**-Inkjet printing system can be equipped with 4, 6 or 8 process colors. Eight process colors enable optimal display of the wide color gamut for brilliant, high-quality prints.

Water based **COLARIS** inks meet all quality requirements for the **COLARIS**-Inkjet technology and are certified as per "Oeko-Tex Standard 100".

Manufacturing company J. Zimmer Maschinenbau GmbH was established in 1950 as a family-owned enterprise; the company

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owns modernly equipped machine construction operations and is now a competence center for the **COLARIS** technology which offers, to all those who are interested, demonstrations, test productions and customer personal development.

Contact details of the manufacturers: J. Zimmer Maschinenbau GmbH A-6330 Kufstein | [colaris@zimmer-austria.com](mailto:colaris@zimmer-austria.com)



*General view of the digitally operated Inkjet printing system **COLARIS** by J. Zimmer*

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Zimmer offers the complete **COLARIS** technology along with the know-how used for operation. Production capacity up to 480 m<sup>2</sup>/h for the printing width of 180 cm; (per hour 260 linear meters)

*Automatic design change just in 1 second.*

