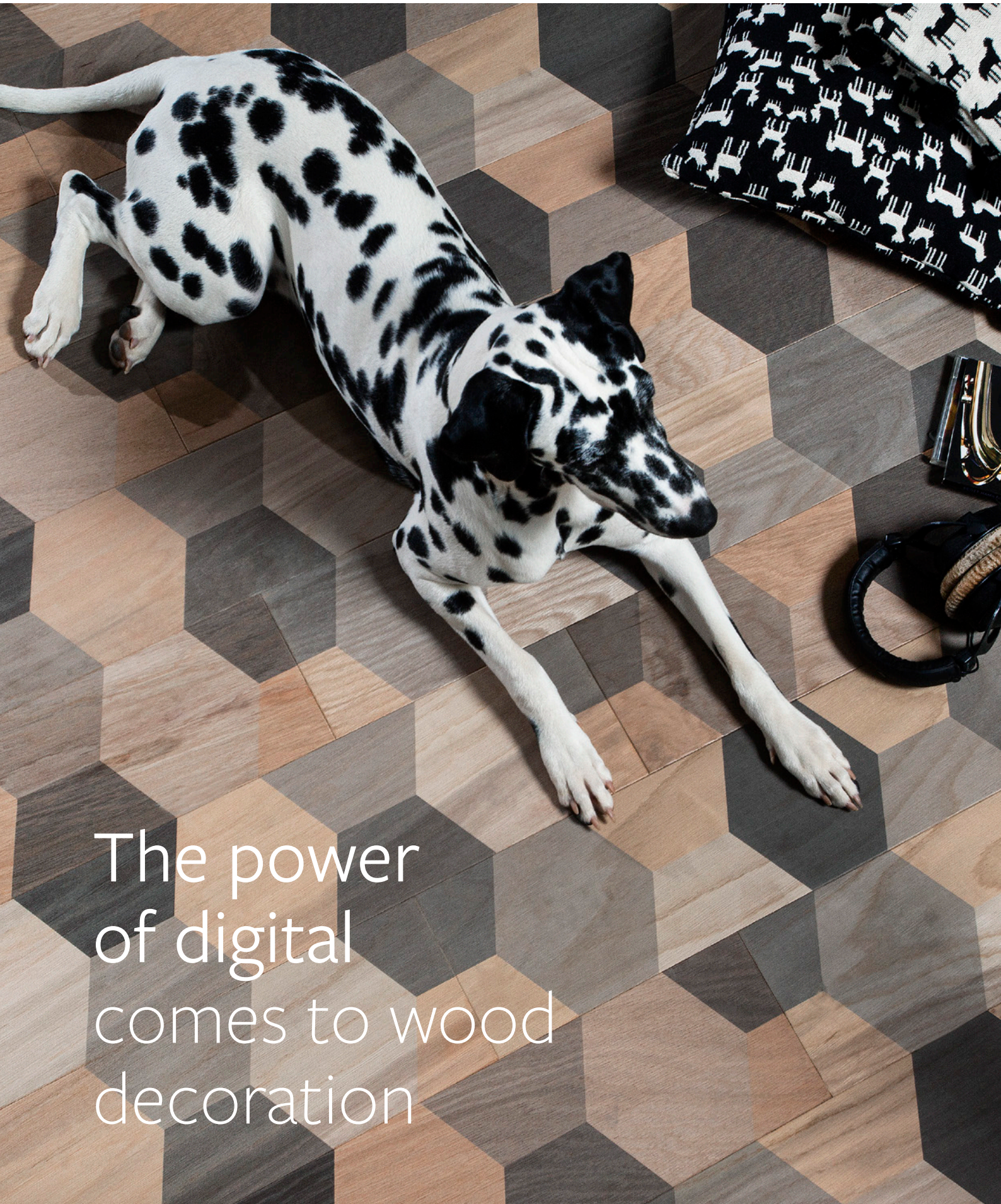
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Cubik

Single-pass inkjet technology
for wood decoration

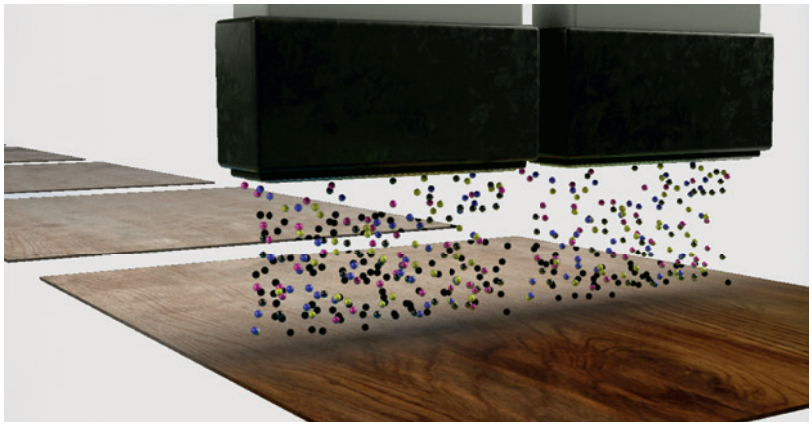


The power of digital comes to wood decoration

What is digital printing on wood?

Digital printing is a new option for wood decoration. With digital inkjet printing you can print direct to wood veneer, planks, and boards for doors and furniture. Ink is applied onto the boards in a single-pass.

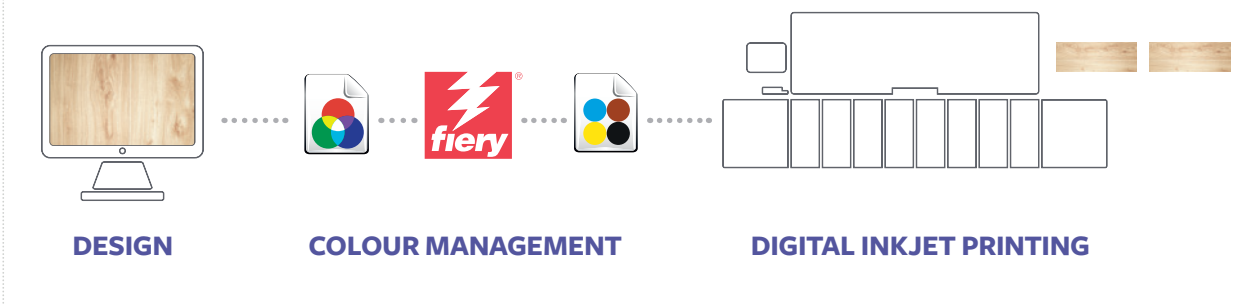
- Printing with no direct contact
- No need of rollers, plates and tooling
- Able to print to the edges of the wood boards and planks
- Printing on non-flat substrates



What is the digital printing process for wood decoration?

The inkjet printing process for wood decoration, from design file to post-printing processes:

1. Design file
2. Colour management
3. Prototyping and paper proof to develop new products
4. Wood board treatment: sanding and priming
5. Single-pass inkjet printing
6. Post-printing treatments: varnishing and protection layers



What can be done thanks to digital decoration?

Inkjet printers replace analogue technology to stain wood boards and veneers. They are built into your current manufacturing line.

Digital staining saves on the cost of rolls and tools. Ink mix stocks and master pieces are no longer needed as inkjet printing guarantees colour consistency from one production run to another.

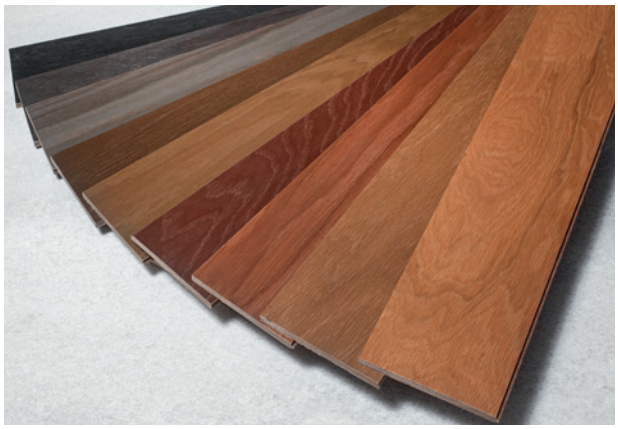
Digital staining with mineral inks makes it easy to obtain a greater range of tones.

DIGITAL STAIN WITH MINERAL INKS

- Efficient
- Replaces analogue technology in your manufacturing line

HARDWOOD, VENEERS, PLYWOOD DOORS, FLOORING AND PARQUET









Digital inkjet decoration with mineral inks

You can print mineral inks direct to any wood substrate, such as particle board, HDF, MDF and other engineered wood, plywood and hardwood. It is an alternative to deco paper.

Mineral inks decorate naturally as the integrate the wood board. Varnishes and protection layers can be applied after inkjet printing.

DIGITAL INKJET DECORATION WITH MINERAL INKS

- Independent
- Flexible
- Replaces deco paper

HARDWOOD AND VENEERS, BOARDS FOR FURNITURE AND DOORS, AND LAMINATED FLOORING



UV LED digital inkjet decoration line

Using an inkjet decoration line with UV LED inks will allow you to decorate laminated flooring and engineered wood boards. You can even use it to print on white melamine boards.

Inkjet printing with UV LED printing is an alternative to deco paper. UV LED inks fully cover the wood substrate and provide a great chromatic range.

UV LED DIGITAL INKJET DECORATION LINE

- Productive
- Alternative to deco paper

BOARDS FOR FURNITURE AND DOORS, AND LAMINATED FLOORING



Why EFI?

EFI™ is a global technology company leading the worldwide transformation from analogue to digital imaging with products that increase competitiveness and boost productivity.

EFI develops breakthrough technologies for industries where imaging is a core part of the finished product, and offers a wide range of printers, inks, digital front ends, and a comprehensive business and production workflow suite.

What does EFI Cubik offer to wood decoration?



EFI Cubik includes all of the elements needed in digital wood decoration. This makes it easy to adopt new inkjet printing technology:

SINGLE-PASS INKJET PRINTERS

- Ready to operate in industrial environments 24/7
- Available in 700 and 1400 mm printing widths
- Able to decorate and stain boards and planks up to 120 mm thick
- Available with optional vacuum transport
- Printing speed up to 50 linear m/min

COLOUR MANAGEMENT SOFTWARE

The Fiery® proServer is EFI's dedicated colour management software for wood inkjet decoration. Colour management considers manufacturing conditions, the type of wood substrate, and priming used to guarantee colour consistency and have full control of the printed results.

INKS

There are different ink sets for different printing options:

- Mineral inks
- UV LED inks

SERVICE PROGRAMMES

We provide technical assistance and remote technical service. We also have configurable service programmes. You can combine them and enjoy the flat rate that best fits your equipment.



What are the benefits of inkjet printing for wood decoration?

Streamlined process

- No need for plates, rollers and tooling
- Reduced inventories
- No ink mix stock
- Fast set up and model changes
- No highly skilled operators needed
- Print speed

Time to market

- Faster prototyping
- Easy and fast new product development
- Colour consistency
- Cost-effective short runs
- Flexibile
- Self-sufficient

Boost business

- New value added to your product
- Enhanced decoration possibilities
- Differentiation
- Customisation

Sustainability

- A more efficient manufacturing process, consuming less resources
- Inks with reduced VOs
- Fully recyclable UV LED inks

Let’s be brilliant. Together.

We understand you want breakthrough technologies to lead you through your digital journey. That’s why we’re passionate about driving your business growth with a scalable portfolio of products, solutions, services, support, and world-class partnerships for the manufacturing of signage, packaging, textiles, ceramic tiles, building materials, commercial print, and personalised documents with a wide range of printers, inks, digital front ends, and workflow software. Our unwavering commitment is to increase your profits, cut costs, improve productivity, and optimise efficiency — job after job, year after year. We’re obsessed with your success. And we definitely believe we have the right people, technology and experience to help your business achieve its goals. For more information on EFI Cubik products or to speak to an EFI Cubik specialist directly, please call +34 964 340 264, email cubiksales@efi.com or visit www.efi.com

Nothing herein should be construed as a warranty in addition to the express warranty statement provided with EFI products and services.

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