

# NAVIGATOR PREMIUM INKJET, THE PAPER OF THE FUTURE



PRODUCED  
IN PORTUGAL BY  
THE NAVIGATOR  
COMPANY

  
**NAVIGATOR™**  
PREMIUM INKJET



# NAVIGATOR PREMIUM INKJET, STELLAR ADVANTAGES



## ON THE TECHNOLOGY SIDE

Regarded as a global benchmark, the Navigator industrial complex combines pulp production with paper manufacture, and is home to **the world's largest and most sophisticated uncoated wood-free paper machine**, which produces more than 500 thousand tons of paper a year at a rate of 30 meters per second. It also holds the **largest nurseries for certified forest plants in Europe** with a capacity of producing 12 million plants each year.



## ON THE PRINTING SIDE

Navigator's new **UHD Formula** translates into a **special surface treatment** that maintains the color pigment near the surface, ensuring top definition with vivid colors, sharp contrasts and fast drying.

Navigator improves the paper surface for smarter ink absorption, delivering unique and revolutionary printing results.

**With Navigator UHD your printing quality improves up to 40%.\***

\*Color Gamut Area measurements in absolute terms on inkjet printing

## ON THE FIBER SIDE

*Eucalyptus globulus*, a 100% natural ingredient, allows us to use fewer resources when producing Navigator Premium Inkjet.

Not only is it the **best-quality fiber**, it also requires less wood to produce the same amount of paper:  
**up to 46% less when compared to some other conifers.**

That's why, when compared to other papers of the same segment, Navigator Premium Inkjet guarantees **superior printing quality** and offers **optimized physical properties** that simplify your processes and allow you to get the most out of any converting and printing:

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Fast ink-drying;

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Good flatness in post-printing;

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Extensive color gamut and high optical density;

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Excellent image definition and color contrast.

# ACHIEVE GREATNESS WITHOUT WASTING MONEY

**NAVIGATOR**<sup>™</sup>  
PREMIUM INKJET



By choosing Navigator Premium Inkjet, **you can make a difference when it comes to costs.** Standard paper requires more expensive and time-consuming equipment maintenance which ultimately affects productivity. **Navigator Premium Inkjet will prevent technical problems, reduce unnecessary costs, increase flexibility**

- one product for several applications with a stock cost reduction - and, last but not least, is available in rolls and large format sheets.

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## MULTI-APPLICATIONS

Invoices; receipts; account statements; credit and debit notes; dispatch notes; personalized leaflets and mailings; catalogs; brochures; newsletters and more.

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## FULL RANGE NOW AVAILABLE 50lb, 54lb, 60lb and 67.5lb.

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## TESTED & APPROVED BY THE MAJOR ORIGINAL EQUIPMENT MANUFACTURERS

RICOH, OCÉ, IMPIKA, HP AND SCREEN have already tested and approved Navigator Premium Inkjet.

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An astronaut in a white space suit is floating in space, surrounded by vibrant, multi-colored streamers (pink, blue, yellow, and red) that appear to be blowing in the wind. The astronaut is positioned on the right side of the frame, with their body angled towards the viewer. The background is a clear, light blue sky.

# INKJET TECHNOLOGY IS **SKYROCKETING**

TIME TO TAKE PRINTING  
TO NEW HEIGHTS



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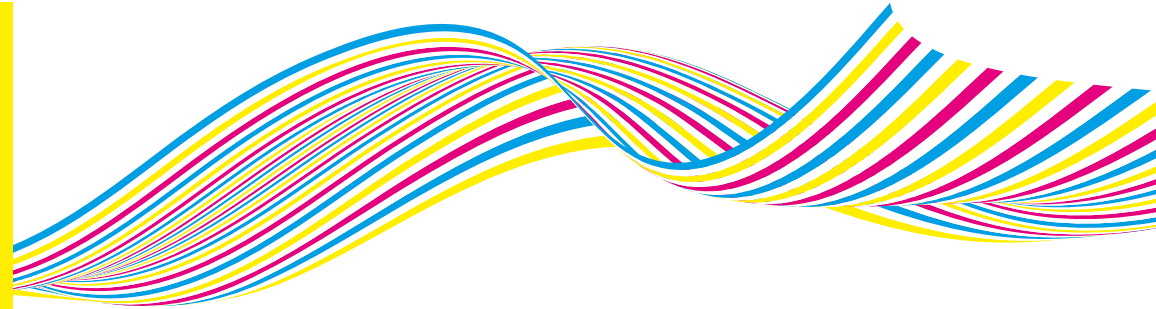
**NAVIGATOR**<sup>™</sup>  
PREMIUM INKJET

# INKJET TECHNOLOGY CREATES VALUE

**NAVIGATOR**<sup>™</sup>  
PREMIUM INKJET

With impressive improvements in image quality, a wider range of media and integrated operating efficiencies, inkjet is more than a printing technology. It does what other printing technologies cannot and ensures agility and readiness for new business opportunities.

**An inkjet device can replace multiple xerographic printers, simplifying workflows to complete more jobs in less time, saving space and reducing costs.**



# INKJET TECHNOLOGY IN NUMBERS

**95%**

In the "Future of Inkjet Survey 2020", 95% of respondents believe that inkjet printing will replace analog printing over time.

**64%**

64% of commercial printers indicate that the share of inkjet printing in their digital business is growing quickly or very quickly<sup>1</sup>.

**60%**

60% of transaction pages + 40% of direct mail pages are inkjet.

**+70%**

Plus 70% of digital pages will be produced on inkjet by 2023.

Many printers see production inkjet as a way to reevaluate business and transform operations to reduce costs.

This can be done by consolidating equipment, eliminating pre-printed forms, automating workflow, increasing productivity or reducing costs, waste and inventory.

<sup>1</sup>Drupa Global Trends Spotlight 2018 - The impact of inkjet across the world  
All other stats: 2019 Continuous Ink Jet Production Printer Forecast, IT Strategies, 2018



# INKJET TECHNOLOGY RANGE, WIDER THAN EVER

## **The possibilities and advantages of inkjet are growing as we speak:**

It can incorporate personalized, colorful marketing content into high-volume communications; create large, personalized ROI-driven direct mail campaigns; improve time to market for targeted publications; complete high-volume, short-term, cost-effective jobs; transform static offset catalogs into customized and revenue-generating parts.

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Books

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Manuals

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Catalogs

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Direct Mail

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Transaction

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Communication Print



# REGARDLESS OF APPLICATION, INKJET MEETS ALL CONDITIONS

**NAVIGATOR**  
PREMIUM INKJET

From small text to edge clarity, from color gamut to optical density, from color-to-color bleed to show-through, from chroma and coalescence to mottle, inkjet technology responds to the highest and most important demands of its professional users, taking into account the needs and expectations of their companies.





## INK & PAPER ARE KEY

Available inks and paper for new application areas are considered key for successful development. In the “Future of Inkjet Survey 2020”, 30% of respondents consider ink to be the most important element in inkjet development, with 16% of respondents mentioning paper.

Effective communication throughout the supply chain and producing the right formula are also crucial to a successful project and to avoid problems later on.

## INKJET & INDUSTRY 4.0

Industry 4.0 is expected to become a defining factor in aligning manufacturing with the main pillars of consumer and retail change. Inkjet provides the necessary agility and flexibility for this new era and industrial sectors.



# GROWTH & CONFIDENCE

The inkjet developing community, manufacturing sector and printers all agree on one thing (99% of them, at least): the future growth of industrial inkjet is high.

They share a significant vested interest in the future success of inkjet in new markets. Packaging, Garment, Decor, Textile and Furnishings are just some of the segments expected to grow significantly. The number of Original Equipment Manufacturers developing digital print technology with inkjet systems designed for these segments underscore these expectations.

In the recent survey “Covid-19 and the future of inkjet 2021” conducted by FM Future and Ricoh, three markets stood out as high-potential segments for inkjet:

**69%**

69% of respondents highlighted the segment.

**64%**

64% the pharmaceutical industry.

**52%**

52% pointed out flexible packaging.



In the “Future of Inkjet Survey 2020”, respondents were very positive about the future of inkjet:

**49%**

49% agree that hybrid systems (mixed digital/analog) are central to achieving growth.

**87%**

87% believe growth will exceed 5% in the next 12 months.

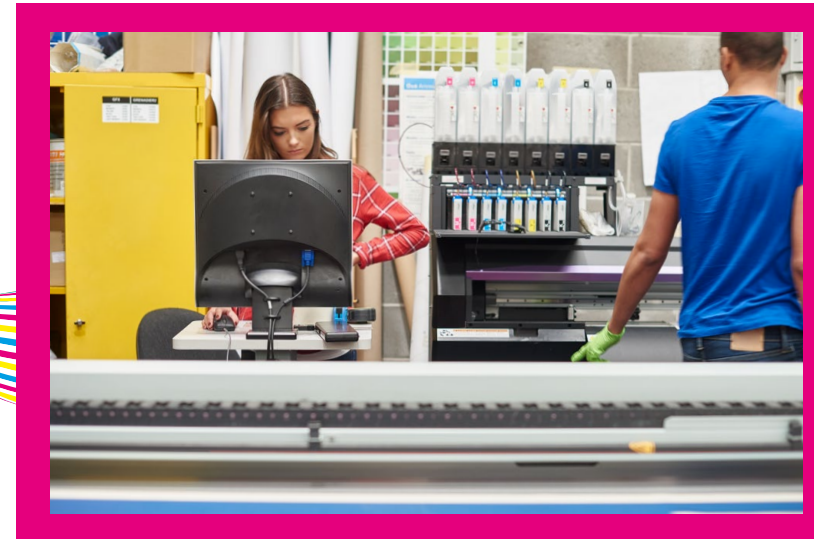
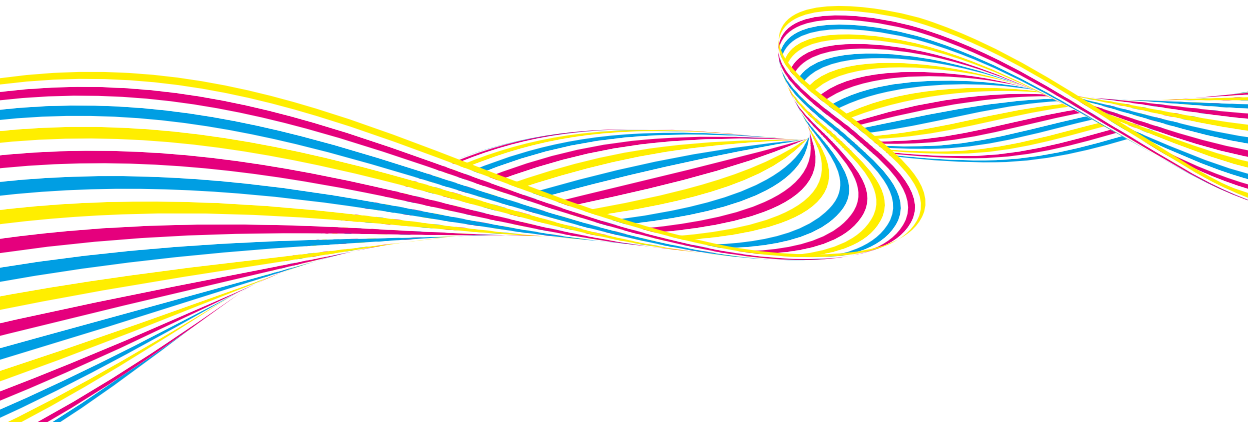
**78%**

78% believe inkjet will meet the highest standards regarding speed and quality.

**81%**

81% agree that the growth of digital print is educating designers and manufacturers of inkjet’s true value.

There is an opportunity to inspire manufacturers about the potential provided by the flexibility of inkjet and designers of the creative freedom that it produces.



# THE FUTURE IS HERE, THE FUTURE IS INKJET



- 12,000+ active patents
- \$1billion annual R&D investment
- \$11billion global business with the most comprehensive portfolio in the industry

Bottom line: With its high performance, excellent quality and optimal cost-benefit ratio, inkjet is clearly a productivity and cost champion for high volume variable printing.

**The future is here. Print it, in inkjet.**



The mark of  
responsible forestry



EU Ecolabel:  
PT/011/002



For more information: [www.navigator-usa.com](http://www.navigator-usa.com)