

KOENIG & BAUER

# alphaJET Continuous Inkjet

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we're on it.

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Since 1972 Koenig & Bauer Coding has been developing innovative and future-oriented technologies for industrial marking and coding; designed and manufactured to high quality standards.

We focus on first-class quality and outstanding performance at our production sites in Veitshöchheim, Germany and Linköping, Sweden.

Various technologies and different designs or configurations reliably take over the marking task in almost all industrial applications from the product to packaging and palletising. We're on it.



## Performance without Compromise.

## Responsible, Future-Oriented, Automated

Coding is a key part of everyday business. It affects every area of our lives, and every industry.

The more diverse, colourful, and comfortable our everyday lives become, the more variety there is among the products our customers and partners will print with our systems, now and in the future.

Today, good coding is evidence of quality for product safety and consumers. We are aware of this and take on this responsibility every day. After all, coding stands for trust.

We support our customers from project planning to implementation and beyond.

Each industry has its own requirements for the marking of its products and the technology.

To meet individual coding requirements, the Koenig & Bauer Coding portfolio provides a wide range of different technologies with suitable model variants and consumables for all applications.

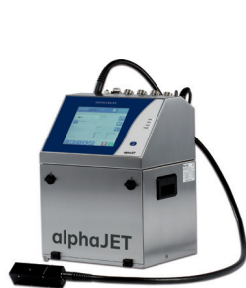
Responsible use of resources and advancing digitalisation are always in our focus.

Our solutions therefore offer interfaces, predictive maintenance and cloud-based extensions for future challenges.

# alphaJET

Continuous inkjet (CIJ) coding is ideal if speed and good legibility are important for applying variable data directly at the production line.

In addition to precise printing results, alphaJET printers offer you a very high degree of reliability in everyday production. Perfectly matched inks ensure the quality for your application.



	alphaJET mondo	alphaJET 5 HS / HS-M / SP	alphaJET 5 X / X-FP
Line speed max., m/min.	780	1300 / 800 / 1300	800 / 950
Line speed max., m/min. at 2,5 mm character width	385	700 / 400 / 695	400 / 460
Max. lines	5	4 / 5 / 5	5 / 8
Max. pixel	32	24 / 32 / 32	32 / 48
Nozzle, µm	62	50 / 62 / 42	62 / 55
Active Ink Flow + cooling	-	✓	✓
Smart Start Technology	-	✓	✓
Supply hose, m	3	4	4 / 6
Ink: non-pigmented	✓	✓	✓
Ink: pigmented	-	✓	✓
RE-SOLVE Ultra*	✓	✓	✓
Touch display	8,4"	10,4"	10,4"
Managed Services	✓	✓	✓
Special software (e.g. Nicelabel)	-	✓	✓
Ethernet, RS232, USB-Port, I/O-Interface, programmable alarm relay	✓	✓	✓
Protection class IP 54	✓	✓	✓
<b>Dimensions (H x W x L; mm)</b>			
Housing	455 x 350 x 290; 18 kg	592 x 320 x 320; 23 kg	620 x 321 x 320; 23 kg
Print head	145 x 40 x 40; 2 kg	190 x 40 x 40; 2 kg	190 x 40 x 40; 2 kg

Benefit from the savings potential of the alphaJET with the efficient RE-SOLVE Ultra solvent recovery. Lowest consumption in combination with affordable costs for consumables saves you money every day.

Explore the special features of the alphaJET 5 for yourself with the interactive animation on our website: <https://coding.koenig-bauer.com/en/special-pages/showroom/alphajet5-x/>



- Thanks to the **modular design**, individual parts are very easy to clean or to exchange.

EXCEEDING PRINT

Digital

Modular

Nachhaltig

## Exceeding Print Sustainable - Digital - Modular

With its “Exceeding Print” strategy Koenig & Bauer is driving sustainability as the packaging industry's biggest challenge for the future and continuing its leadership in digitalisation.

In addition to our responsibility to our customers and employees, as a member of the world's largest sustainability initiative, the UN Global Compact, we want to do even more justice to our ecological, social and societal responsibility.

## **We are becoming more sustainable**

The future still has so much to offer and so much to discover. By supporting numerous initiatives and projects, as well as a roadmap for complete CO2 neutrality in our production plants from 2030, we are meeting what is probably the greatest challenge of our time. We are pushing sustainability targets in reducing the environmental footprint of us all:

- Accelerating the portfolio of solutions for a circular economy through products, substrates and process know-how.
- Create innovations to replace non-ecological packaging and reduce waste.
- Enabling customers to work in an energy- and resource-efficient way to work.

## **We are becoming more digital**

Networking machines, collecting and analysing data and controlling processes efficiently: There are many sides to the digital transformation of the printing industry. Koenig & Bauer provides well thought-out innovations and customer centric solutions that go beyond pure printing.

- Transparent, data-supported processes are the starting point for greater efficiency and profitability.
- Risks can be minimised through a high degree of automation and the entire printing process can be designed individually and with the future in mind.
- With pioneering digital solutions and new business models, we are paving the way to a successful and sustainable future for our customers.

## **We are becoming more modular**

Individual requirements are increasingly determining everyday life. We are meeting this challenge with modular and standardised systems. Modularisation and standardisation lead to

- Benefits of flexibility and efficiency which results in cost-saving potential.
- A high degree of standardisation. The number of "common parts" used across the entire range is increased at various levels. This simplifies spare parts availability and inventory.
- Possibilities for process optimisation in product development and design as well as in assembly.

## **Exceeding Print because there is still so much to discover.**



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**Contact**

Your non-committal inquiry by email or by telephone is the first step. Please contact us.



**Analysis**

Our experts will work with you to clarify your current situation and identify your demands.



**Concept**

According to your demands we will make you an attractive offer and, if you wish, carry out a test run in your production.



**Result**

If you agree with that concept, we will realise your order and support you throughout the entire implementation process.



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