

KOENIG & BAUER

alphaJET Continuous Inkjet



we're on it.

EN

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 into	alphaJET 5 SP / HS / HS-M	alphaJET 5 X-FP / X
Line speed max., m/min.	780	950 / 650	1300 / 1300 / 800	950 / 800
Line speed max., m/min. at 2,5 mm character width	385	460 / 355	695 / 700 / 400	460 / 400
Max. lines	5	5	5 / 4 / 5	8 / 5
Max. pixel	32	32	32 / 24 / 32	48 / 32
Nozzle, µm	62	55 / 70	42 / 50 / 62	55 / 62
Active Ink Flow + cooling	-	✓	✓	✓
Smart Start Technology	-	✓	✓	✓
Supply hose, m	3	4	4	4 / 6
Ink: non-pigmented	✓	✓	✓	✓
Ink: pigmented	-	✓	✓	✓
RE-SOLVE Ultra*	✓	✓	✓	✓
Touch display	8,4"	10,4"	10,4"	10,4"
Managed Services	✓	✓	✓	✓
Special software (e.g. Nicelabel)	-	✓	✓	✓
Ethernet, RS232, USB-Port, I/O-Interface, programmable alarm relay	✓	✓	✓	✓
Dimensions (H x W x L; mm)				
Housing	455 x 350 x 290; 18 kg	620 x 320 x 320; 26 kg	592 x 320 x 320; 23 kg	620 x 321 x 320; 23 kg
Print head	145 x 40 x 40; 2 kg	145 x 40 x 40; 2 kg	190 x 47 x 40; 2 kg	190 x 47 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/>



Key advantages alphaJET

- Best TCO values (Total Cost of Ownership) through to favourable prices for consumables, low solvent consumption and low-maintenance operation.
- Significant savings potential due to the modular design of the components, which are extremely easy to clean, remove or replace.
- High availability thanks to the use of high-quality components and efficient cooling of the ink system even at higher ambient temperatures.
- Extremely long life cycle of the pump motors, that has been independently confirmed.
- Ink portfolio for almost every application: pigmented, hard pigmented and non-pigmented, high-contrast & sustainable, with best adhesion properties and many more.
- Highest print speeds and lowest emission values.



More information:

<https://coding.koenig-bauer.com/en/products/continuous-inkjet-systems/>

Print samples alphaJET

m7x5

ABCDEFG 1234567890
 ABCDEFG 1234567890
 ABCDEFG 1234567890

ABCDEFG 1234567890
 ABCDEFG 1234567890
 ABCDEFG 1234567890

ABCDEFG 1234567890
 ABCDEFG 1234567890
 ABCDEFG 1234567890

m5x5

ABCDEFG 1234567890
 ABCDEFG 1234567890
 ABCDEFG 1234567890

OCR 11x7

ABCDEFG 1234567890

ABCDEFG 1234567890
 ABCDEFG 1234567890

Nozzle

ABC 123

62 µm

ABC 123

55 µm

ABC 123

50 µm

ABC 123

42 µm

Codes



123456
Code 39



8 712100 735141
EAN 13



DMC



QR-code



DOT code

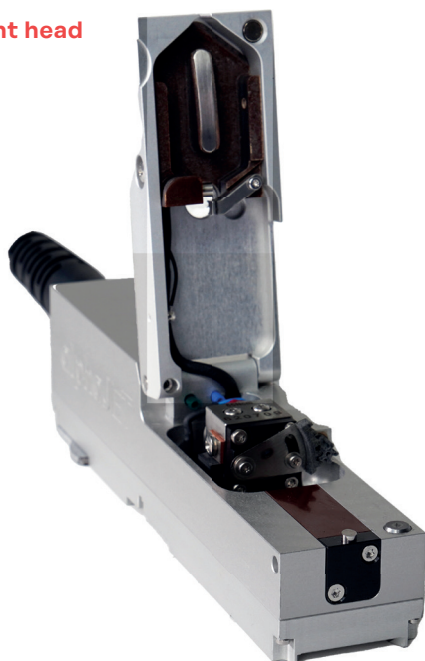
Logo, language, colours



小字符喷码机 alphaJET系列

The combination of optimised nozzle shutter, nozzle flushing and head heating creates the Smart Start Technology integrated in the alphaJET 5 for perfect start-stop behaviour. Even if the printer is in stand-by mode for a longer period of time, there is no need for an intermediate start-up or extended cleaning processes before restarting the production line. This saves valuable time.

Print head



- **Smart-Start-Technology**
 - motorised nozzle shutter
 - automatic rinsing of the nozzle prevents from drying
 - minimises the cleaning effort
- **Active Ink Flow** ensures optimum ink viscosity. The result is a consistent superior print quality.
- The **compact design** allows integration even when space is limited.
- Thanks to the **modular design**, individual parts are very easy to clean or to exchange.

Tailor-made services

Good coding is a quality feature for production reliability - from logistics to the end consumer. It is important to maintain this at a consistently high level. We support you and your team with our customised services.

- Safeguarding your production by minimising operator errors and reacting quickly on your own.
- Maintaining excellent print quality through optimal operation on and in the system.
- Reduction of downtimes and the associated costs.



Training

Operation, service and maintenance.

Especially in a running production, a quick reaction is required in case of emergency. Well-trained employees know the tricks and tips!

We pass on our know-how in-house, at your site or in an online training course:

- correct handling
- self-reliant maintenance
- independent troubleshooting



Service and maintenance

You dedicate yourself to your core business, we ensure the availability of your coding device.

An unexpected production stoppage always has negative consequences. In addition to the sudden loss of production, there is also the stress on the line. By choosing our service plans, we will automatically remind you when maintenance is due. Regular servicing

- keeps your print image perfect
- maximises the life of your coding and marking system
- minimises the cost of unscheduled service calls

In brief: you can prevent printer breakdowns, avoid repairs and save money.



Project planning and customised application

From analysis to implementation.

Our competent engineers support you with comprehensive and long-standing expertise - also in special machine construction. Individual integration into your existing production lines is handled by our applications department with direct access to our in-house CNC machinery.

Your advantages are obvious:

- full-range supplier for industrial coding and marking
- contact partner for your individual project
- comprehensive partner network



Managed Services

Up-to-date and forward-looking.

Managed Services is an optional virtual assistant that keeps a permanent and seamless eye on the alphaJET systems and all their functions and provides live, real-time information via a dashboard. This increases performance and makes your production even safer.

- display of consumables, equipment performance and availability
- fast and qualified support via remote access
- reduction of unplanned costs due to unexpected production downtime



Consumables and spare parts

Standardised or individual.

The large portfolio of consumables for all technologies, including new in-house developments, and the close technical coordination between our development departments for equipment and consumables, leads to continuous use in production:

- optimum running properties
- broad and constantly growing portfolio, tailor-made to customer requirements
- high quality and reduced consumption



Framework contracts and call-off orders

Clever purchasing strategies save time and money.

By concluding blanket and call-off orders, you show supply bottlenecks and price fluctuations the red card. Benefit from:

- short delivery routes
- stable and plannable conditions
- outsourced warehousing



Rental concepts

An attractive alternative to buying. The principle: rights of use instead of ownership.

Reduce the capital investment for your assets. You can rent our marking and coding devices very easily and cost-effectively. This does not tie up your capital and does not require depreciation.

- You invest and yet remain liquid.
- You are flexibly moving with the times and always use modern, high-performance equipment.
- You set the rate individually to your requirements with transparent costs.

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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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