

KRONES Contiform Bloc
More than meets the eye



An all-purpose Bloc

What'll it be? Soft drinks, milk, cooking oil, or beer – almost every product filled in PET has the right KRONES Contiform Bloc. This includes stretch blow moulding, filling, and sealing in a single compact machine. This is not only practical, but also extremely economical. And since the „Bloc principle“ is so versatile, it also masters special challenges, such as sensitive beverages, unusual container shapes, or various aseptic methods.



KRONES Contiform Bloc – Ideal for

- Milk
- Fruit juices
- Tea beverages
- Cooking oil
- Beer
- Soft drinks
- Water

Technical possibilities

- Wet and dry aseptic
- Hot and cold filling
- Circular, rectangular, and lightweight containers
- Container volumes up to 3.0 litres
- Output of 6,000 to 80,000 containers an hour

Space-saver

Imagine a conventional beverage production line. What do you see? Exactly: conveyors. In conventional production lines, conveyors take up the most space. This is not so with KRONES Contiform Bloc. It produces, fills, and seals bottles at one go. Without conveyors, intermediate storage sections, or detours. As it needs up to 30 percent less area, space is no longer a problem in future.

Compact and efficient

- Large output in a small area
- No conveyor and accumulation areas



According to plan

Perfection at the press of a button: In KRONES Contiform Bloc, all sequences and components are precisely adapted to each other, so precisely that the multitasker works well under pressure, remaining undisturbed by changed general conditions or external influences. Production thus runs consistently stable and malfunction-free without drops in output.

For you, this means plannable processes, predictable sequences, and on-time production, even if you are working with a large variety of articles, high quantities, or unusual bottle designs.

Precise and reliable

- “Everything from a single mould”
- Resistant to disturbing influences
- Plannable processes
- On-time production

Masters every challenge

- Large variety of types
- High quantities
- Unusual bottle designs



Monday May	02 2011	Tuesday May	03 2011	Wednesday May	04 2011	Thursday May	05 2011	Friday May	06 2011	Saturday May	07 2011	Sunday May	08 2011
8		8		8		8		8		8		8	
9		9		9	Apple cider	9		9	Factory cleaning	9		9	
10		10	Pilsener	10	80hl	10		10	cleaning	10		10	
11		11	50hl	11		11		11		11		11	
12	Beer	12		12		12		12		12		12	
13	100hl	13		13		13		13	Warehouse works	13		13	
14		14		14		14	Water	14		14		14	
15		15		15		15	150hl	15		15		15	
16		16		16		16		16		16		16	
17		17		17		17		17		17		17	
18		18		18		18		18		18		18	
19		19		19		19		19	Brewer	19		19	
20		20		20		20		20	regulars' table	20		20	

Savings in many areas

The highest virtue of the KRONES Contiform Bloc is what you save as it needs considerably less energy, media, and replacement parts than a conventional production line. You thus save a noticeable amount of operating costs – with each individual hour in which the Bloc is running. This is not enough, however: Since the Bloc can also be operated, converted, and cleaned easily, you also profit from considerably shorter operating times, downtimes, and maintenance times.

Invest less, profit more

- Lower operating costs
- Particularly economical in the consumption of energy and media
- Fewer replacement parts needed
- Shorter operating times, downtimes, and maintenance times

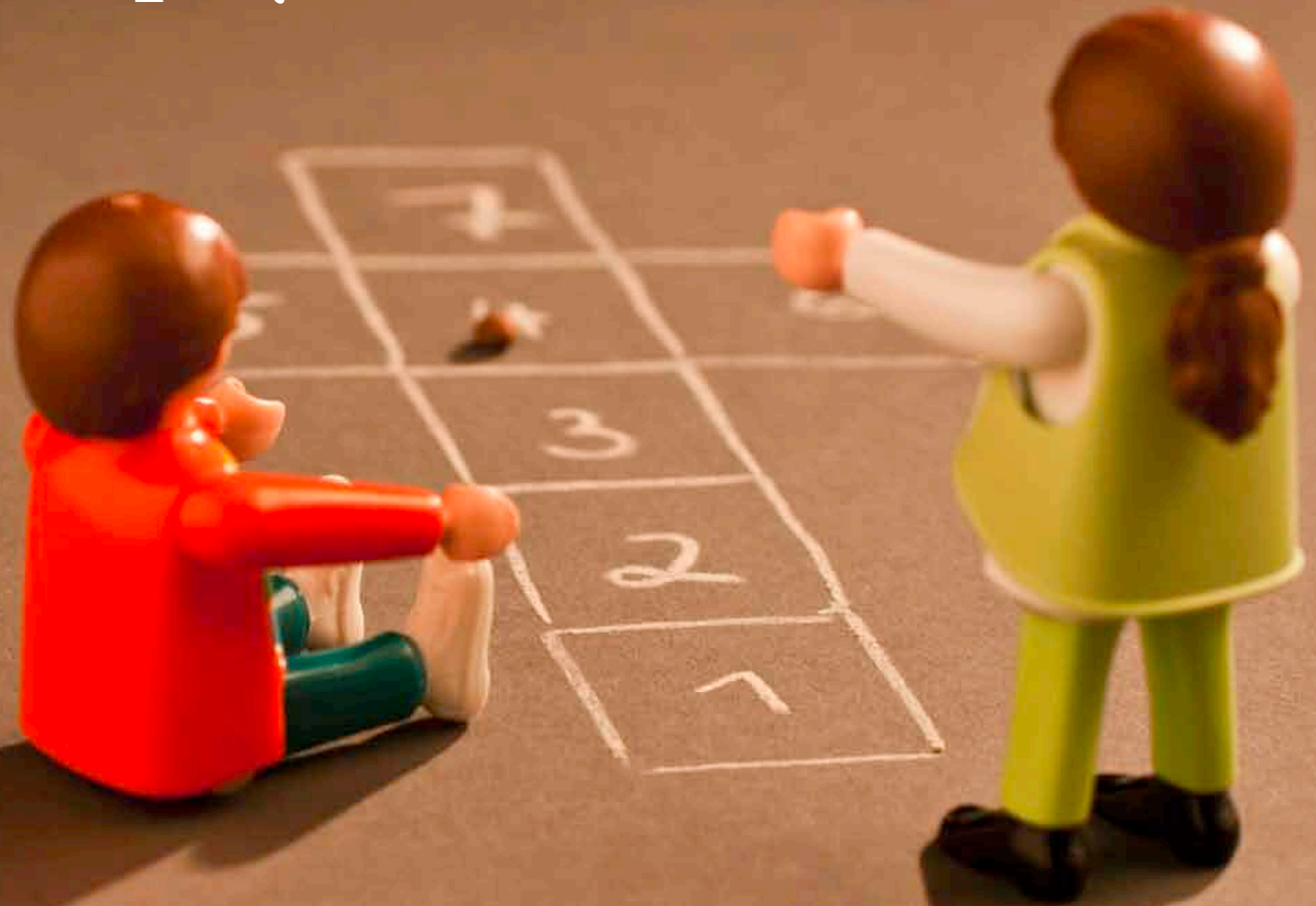


Operation? Almost like child's play!

Your Bloc should work for you, not the other way around. For this reason, the complete system is designed in such a way that it is easy to handle and takes very little of the operator's time: Due to its sophisticated human-machine interface, the Bloc can be operated easily by one person. Since no conveyor sections are located between the machines, the working paths are also extremely short. The same applies for the conversion, cleaning, and maintenance times: on average, the Bloc requires 20 percent fewer interventions, which saves you valuable time that you can use somewhere else.

Intuitive and low-maintenance

- Can be operated by one person
- Central touch screen
- Uniform operating concept
- Short paths
- Quick conversion
- Easy cleaning
- Low maintenance effort



A protective screen for your product

From preform to sealed bottle is just a short distance with Contiform Bloc as the products seamlessly run through the stretch blow moulding, filling, and sealing processes without intermediate conveyance or waits. Neither time nor space remains for contamination. This is wonderful for your product, but bad for the rinser. You can now completely do without the rinser in many cases.

Reliable and hygienic filling

- Short paths, no intermediate conveyance
- Safe hygienic conditions
- Optimum protection for preform, bottle, and product



Only floating would be softer

Your Contiform Bloc should produce products – not damage them. For this reason, it grips preforms and bottles only by their neck rings. The contact area between the material and machine thus remains as small as possible. The bottles cannot be conveyed in a softer manner. Not unless we manage to figure out how to make them float.

Soft, softer, Contiform Bloc

- Neck handling transport of preform and bottle
- Little contact between material and machine
- Flawless bottle quality



Gaining impetus: “Made in Germany”

What makes KRONES technology so special? Doesn't every plant consist of iron and steel? On the outside, maybe. Behind the scenes, however – in the KRONES machines – you will find our concentrated know-how and extensive experience as a system supplier. It is not for nothing that the KRONES name stands for innovative engineering and high-quality, top technology the world over.

From the first subassembly to the overall blocked system, every Con-tiform Bloc is manufactured and mounted at the same site. Only in this way can we achieve the high quality you rightly expect of us – quality you will still see in your KRONES plant years down the line. This is proven by hundreds of installed KRONES Bloc systems worldwide.

KRONES Technology

- Decades of experience
- Made in Germany
- Strict quality tests
- Top technology from our own development



You can have everything

You would like to produce sustainably, but not spend more? You need machines that are tailored to your needs, but not complicated to operate? You want flawless products, but would also like to produce at high efficiency? If you answered one or more of these questions with yes, KRONES Contiform Bloc is the ideal solution for you.

All advantages at a glance

- Suited for all products and methods
- Minimum mounting area
- More plannability for your production
- Costs-saving operation
- Little operating effort
- Excellent hygienic conditions
- Flawless bottle quality
- Newest technology, „Made in Germany“
- Sustainable systems at a low price



KRONES Contiform Bloc

More than the sum of its parts

In a Bloc, the machines are not just arranged next to each other, but rather they are interconnected to a harmonic whole that sets new standards in regard to efficiency and availability. This is guaranteed by clever details like the servo joint control. This control system makes it possible to decouple the blocked components from each other electronically.

In this way, each machine can be operated individually – an unbeatable advantage for conversion, cleaning, and material feeding.

The Contiform Bloc systems

- Contiform Bloc BF: Blow-moulder and filler
- Contiform Bloc BL: Blow-moulder and labeller
- Contiform Bloc BFL: Blow-moulder, filler, and labeller

The ErgoBloc L wet section block

- Blow-moulder, labeller, and filler
- An enviro certificate confirms high media and energy efficiency and environmental compatibility

