



smartline.

// A combination of attractive **lead times** and **reliable** technology. ///



BAUSCH+STRÖBEL



// Dive into the great
possibilities of pre-engineered
machine concepts. ///

Be smart. Choose **smartline**.

The pharmaceutical world is changing and posing new challenges for everyone: Life-saving medicines need to be made available fast – now faster than ever before. To achieve this goal together, we support you with pre-engineered options. From tabletop solutions up to high-speed processing lines.

Dive in and learn about the great possibilities of our **smartline** machine concepts.

// We've got you covered in offering **flexible, fast** and **future-oriented** solutions. ///

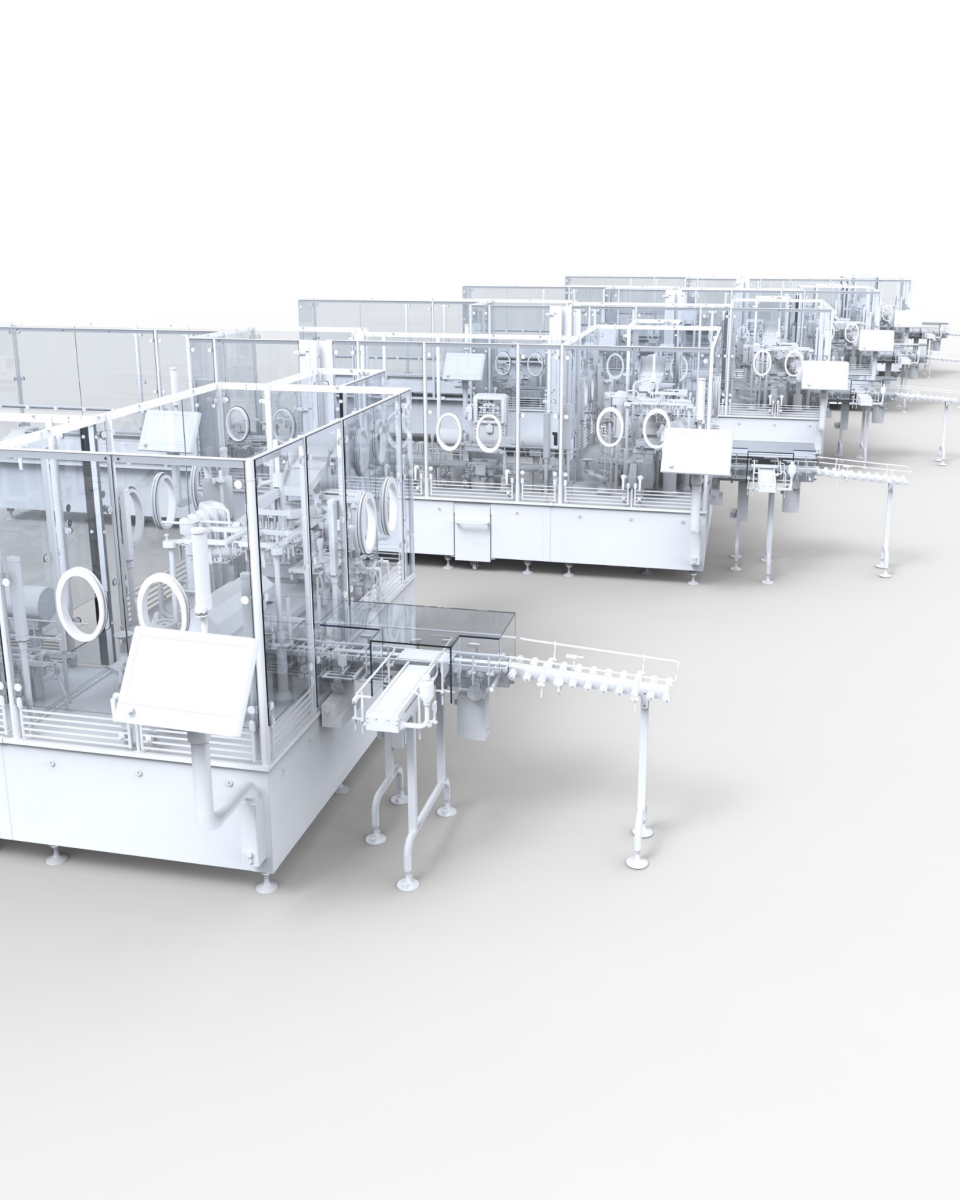
smartline - make smart decisions.

Are you looking for an approved off the shelf machine concept with short delivery times?

But still want to be able to optimize your line based on the needs of your individual product?

We've got you covered

By choosing our **smartline** concept you can select your personal solution from pre-engineered options and still maintain your flexibility.



What does **smartline**
stand for?

CUSTOMIZED
SOLUTIONS

RELIABLE AND PROVEN

ATTRACTIVE LEAD TIMES **TECHNOLOGY**

SHORT TIME TO MARKET

PRE-ENGINEERED CONCEPTS

TIME EFFICIENT
PROJECT WORKFLOW



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Pre-engineered concepts

Thanks to the variety of pre-engineered concepts we guarantee a more efficient project workflow. Maintenance, qualification and spare parts procurements are not only faster, they are also easier to handle.

Eliminate time-consuming planning design phases and benefit from reliable solutions that are ready to go out of the box.



// Let's get started
right away. ///



// Time is **precious**. ///

Short time to market

Safe time in your project realization.

By choosing from predefined options, you benefit from short delivery times and fast qualification. Deploy your machine solution within the shortest time possible.

A photograph of two men in a factory setting. They are both wearing glasses and light blue shirts. The man on the left is pointing at a machine, and the man on the right is looking at it with a focused expression. The background shows industrial machinery and a bright, clean environment. A red rectangular overlay is positioned at the top left of the image, containing white text.

// Be sure to get the
top of the line. ///

Proven technology

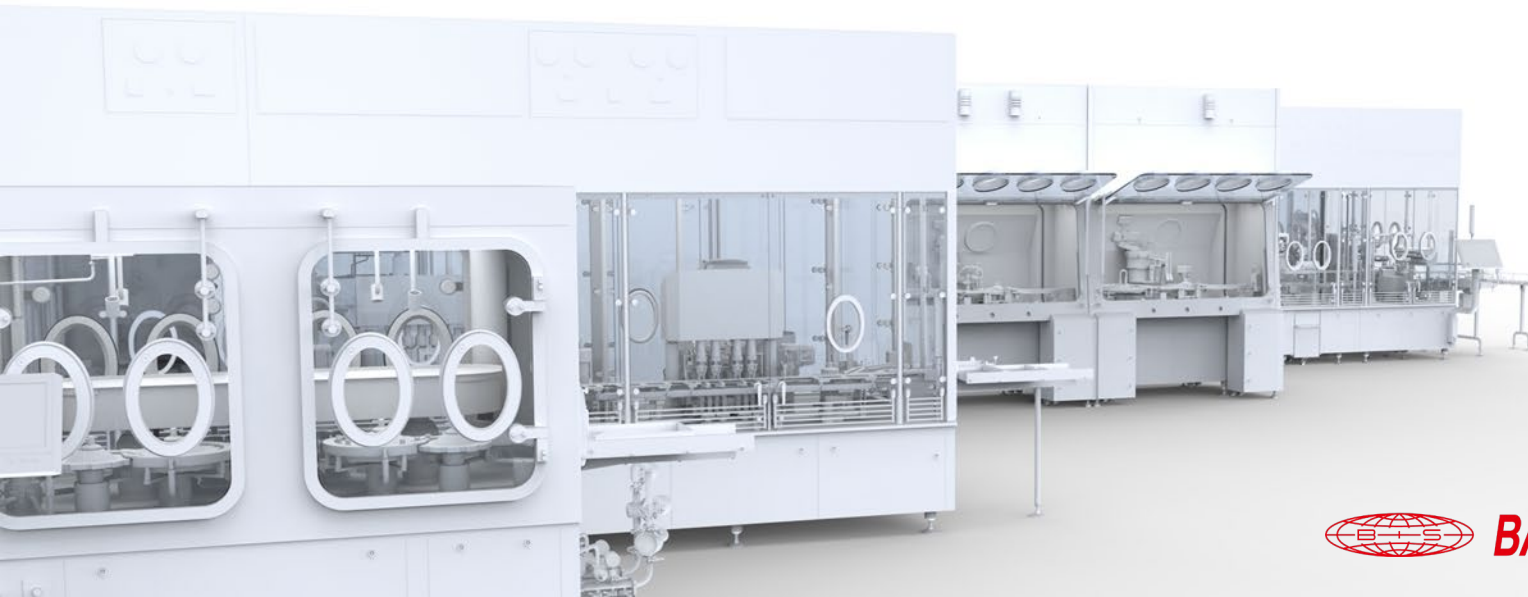
We blend German engineering know how with our 5 decades market experience to give you the best options to choose from.

With our **smartline** concept, you get proven, reliable machine solutions of the highest Bausch+Ströbel quality – made in Germany.

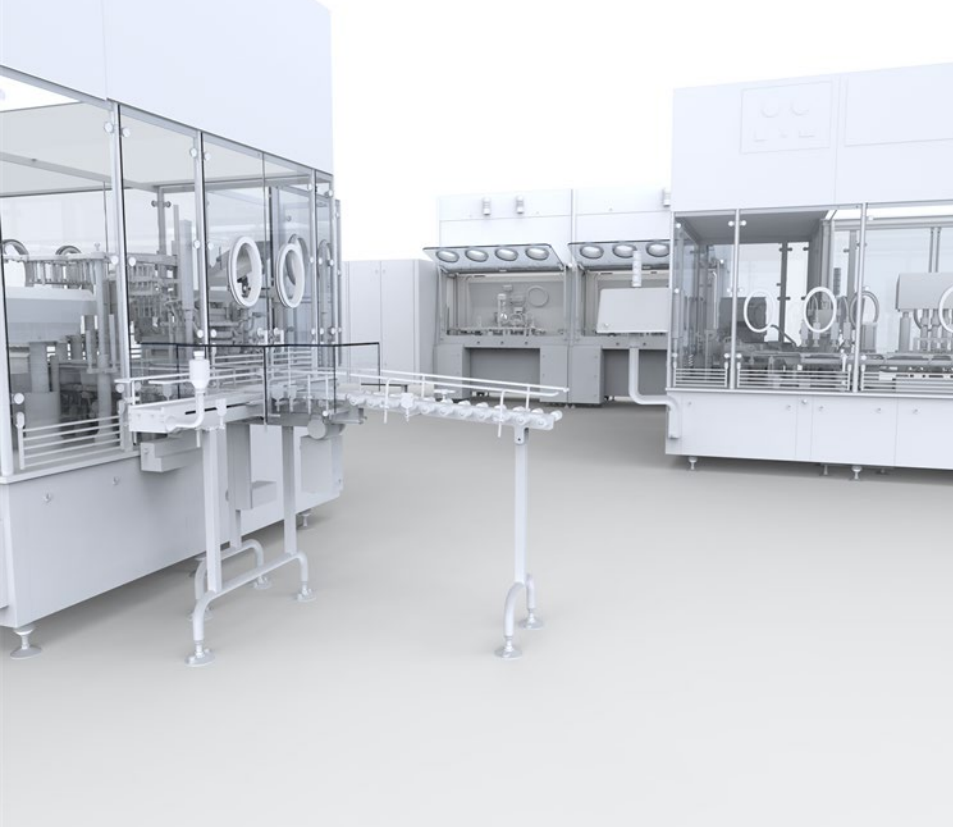
Customized solutions

Who said concept solutions can't be customized?

Choose from a variety of predefined options and optimize your line based on your personal needs. Benefit from maximum flexibility and master challenges smartly.



// Discover our **smartline** offers:
From **tabletop** solutions up to
high-speed processing. ///



Machine solutions that
are available as **smartline**

FILLING LINE FOR RTU
SYRINGES AND CARTRIDGES

VARIOSYS®

EXTERNAL CLEANING
MACHINE FOR BOTTLES

TABLETOPS



BAUSCH+STRÖBEL

smartline tabletops
// Set to go in 6 weeks. ///



What's **your** preference?

Dosing systems

Peristaltic Pump
EDM3611

Rotary Piston Pump
EDM3601

Closing systems

Crimping Station
HVM4610

Plunger Insertion
Station SVP4600



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smartline tabletops
// Set to go in **6 weeks.** ///



Dosing Machine EDM3611



Features

- + Single-hose peristaltic pump
- + Servo needle movement
- + IPC scale – up to 100% IPC
- + Automatic feedback adjustment of the dose
- + Two-hand control for operator safety

Optional features

- + **ADVANCEDfill:** Start-up without product loss and running empty with minor product loss.
- + Vacuum-assisted filling

ADVANCED_{FILL}



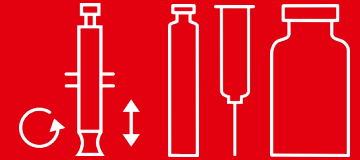
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smartline tabletops

// Set to go in 6 weeks. ///



Dosing Machine EDM3601



Features

- + Rotary piston pump
- + Servo needle movement
- + IPC scale – up to 100% IPC
- + Automatic feedback adjustment of the dose
- + Two-hand control for operator safety

Optional features

- + **ADVANCEDfill:** Start-up without product loss and running empty with minor product loss.
- + Vacuum-assisted filling

ADVANCED_{FILL}



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Specification Dosing Machines EDM



Output

500 pcs./h

*Depending on the operator



Cartridges,
Vials, Bottles

Ø 8.55 – 68 mm

↕ 32 – 136 mm



Syringes

Ø 6.85 – 35 mm

↕ 45 – 160 mm



Dosing range

≥ 0.1 ml → EDM3611

0.02 – 65 ml → EDM3601



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smartline tabletops
// Set to go in **6 weeks.** ///



Plunger Insertion Machine SVP4600



Features

- + Adjustable plunger insertion speed by servo
- + Adjustable plunger depth by servo
- + Two-hand control for operator safety

Optional features

- + Gas-flushing during plunger insertion
- + Vacuum-assisted plunger insertion



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Specification Insertion Machine SVP4600



Output

500 pcs./h

*Depending on the operator



Syringes

Ø 6.85 – 35 mm

↕ 45 – 160 mm



Cartridges

Ø 8.55 – 35 mm

↕ 32 – 106 mm



Plunger stopper

Ø 5 – 30 mm

↕ 6 – 15 mm



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smartline tabletops

// Set to go in **6 weeks.** ///



Crimp Capping Machine HVM4610



Features

- + Rotation of containers during closing by servo
- + Adjustable crimping tool lift by servo
- + Adjustable crimping disc movement by servo
- + Adjustable crimping speed
- + Crimping pressure adjustment
- + Two-hand control for operator safety



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Specification Closing Machine HVM4610



Output

500 pcs./h

*Depending on the operator



Vials, cartridges

Ø 8.55 – 68 mm

↕ 32 – 136 mm



Crimp-Caps

Ø 7.5 – 34 mm

↕ 4.8 – 19 mm



Flip-off Caps

Ø 13.5 – 36.5 mm

↕ 7 – 19 mm





External cleaning machine
for bottles - **ARM10600**

// Combining maximum **product quality** with
highest standards of **worker safety.** ///



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External cleaning machine for bottles ARM10600

Processing range



Ø: 14.75 – 53 mm
H: 30 – 97 mm
Max. cap Ø: 24 mm

Output



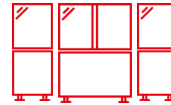
up to 12,000 pcs/h

Infeed and discharge versions:



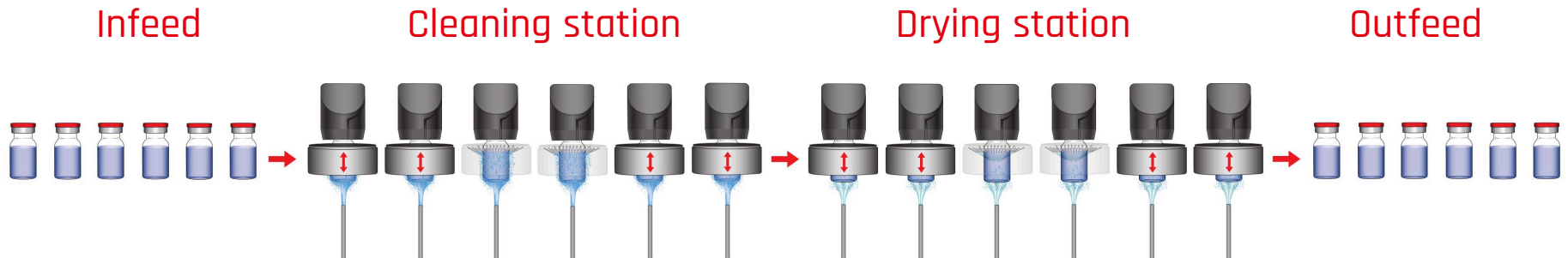
Standalone

- + Rotary infeed table with loading plate
- + Tray loading discharge



In-Line

- + Upstream systems (VarioSys, CombiSys, etc.)
- + Transfer to downstream machines by rotary tables or conveyor belts



Filling line for RTU
syringes and cartridges
// Solutions that are ready
to go out of the box. ///

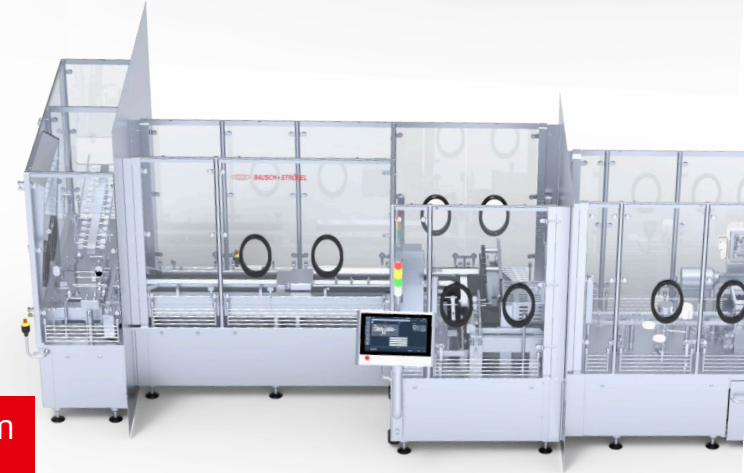


Choose your layout of your RTU filling line



Semiautomatic
debagging

Fully automatic
debagging



Debagging from
double bags



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Line specification RTU filling line



0.5 - 10 ml



1.8 - 3 ml

All common sizes and brands of
RTU glass syringes and pre-capped cartridges



11,400 pcs./h

5-headed
(SFM5110)



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Highly **flexible** production system.
// Keep it **simple**. Keep it **flexible**.
VarioSys is in line with your needs. ///



VARIOSYS®

 **BAUSCH+STRÖBEL**



Line specification VarioSys



Up to 100 ml



3,600 pcs./h



4,300 pcs./h



4,300 pcs./h

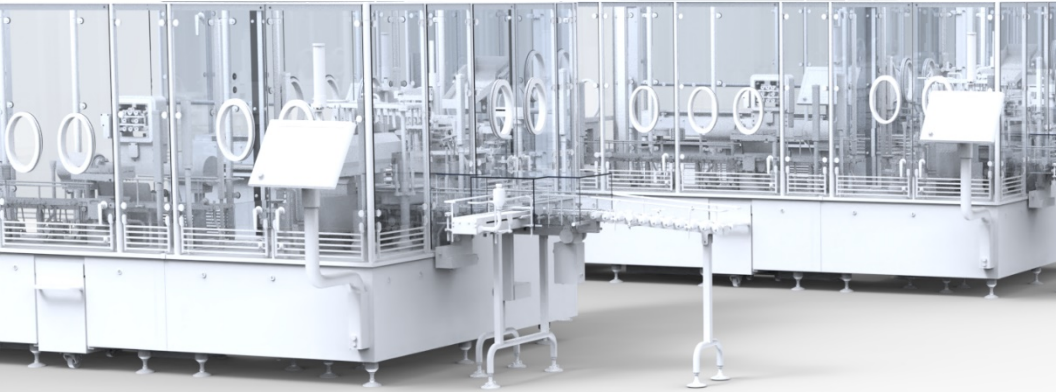


6,000 pcs./h

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Let's stay connected



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