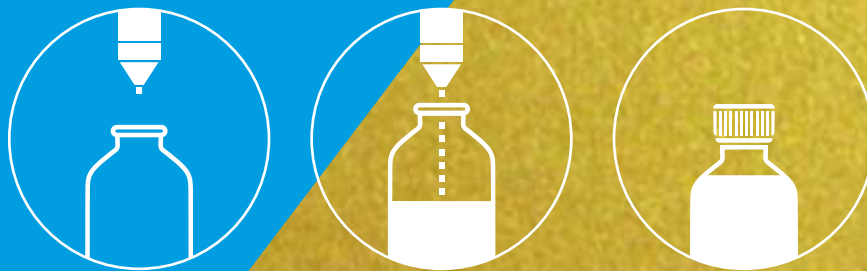


# Versatile Filling Technology. Since 50 years.



For the pharmaceutical,  
chemical, cosmetic, diagnostic  
and food industries.

**WICK** *machinery*

# The People at the Center. With Customized Machines.

Following the Industrial Revolution, the daily workflow of manufacturing has increasingly been defined by the rhythm of machines. At the same time, people have been trained to keep up with ever-faster cycles of automated systems. Digitization has further reinforced this trend and is affecting our daily lives: Our time, our decisions and our desires are increasingly determined by prefabricated algorithms.

We at Wick-Machinery are eager to counteract this trend by putting people back in control of their actions. With the **Filling Technology 5.0**, we initiated this step a few years ago, and now we are taking it one step further. After all, we have also been growing and maturing for over half a century!

We want to use our 50<sup>th</sup> anniversary as an opportunity to launch the **Filling Technology 50.0**. After all, our anniversary has taught us once more that it is not the machines, but our staff and clients, who are the key to Wick-Machinery's success.

With our experience and your vision, we will develop your individual Wick machine: A machine that adapts to the needs and the rhythm of your company, and not the other way around.

Let's stay human. Let's join forces to become **Filling Technology 50.0**.



## Our Company

- p.4 **At Home in Filling Technology:** We are WICK-Machinery
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## Our Machines

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# At Home in Filling Technology: We are WICK Machinery

Over the past 50 years, we have experienced a lot, tinkered even more, and we're thrilled to say that our focus on targeted technical solutions has proven successful. Since the foundation of Wick-Machinery, it has been our joint goal and passion to develop high-quality filling and closing systems that are perfectly adaptable to the needs of our clients. We are a cooperative partner that is always flexible and fast, because we manufacture all of our equipment in-house. All Wick-Machinery equipment is manufactured in-house and geared to low-maintenance operation, meeting the highest technical industry standards and can be quickly and easily adapted to changing production processes. Whether your business entails one-off production, small batches or the adaptation of existing modules: We work with the highest-quality components, produce in an environmentally sustainable manner, create clever combinations, and offer the most cost-effective solutions for your manufacturing needs.



# Andreas Wick

## CEO

**“Wick-Machinery is your choice supplier for closing and filling technology, meeting customer needs at the highest technical level.”**

## You are only as good as your Team

The basis of our company's successful development is mutual support and solidarity. After all, Wick-Machinery is a family-run company with high ethical standards. With us, none of our employees is just a replaceable resource. Instead, we are there for each other, just as we are there for our clients. Team spirit, mutual trust and genuine enthusiasm for what we do are not just buzzwords, but our everyday reality.

After more than 50 years, we are truly dedicated to who we have become, and we want to become even better: To be your reliable partner in targeted technical solutions – with a proud appreciation of our tradition and a courageous look ahead.



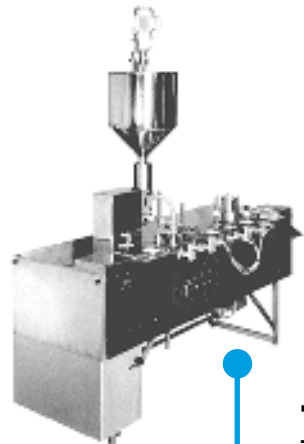
# The "Story" in History:

# Our Corporate Development



## England's best Guinness

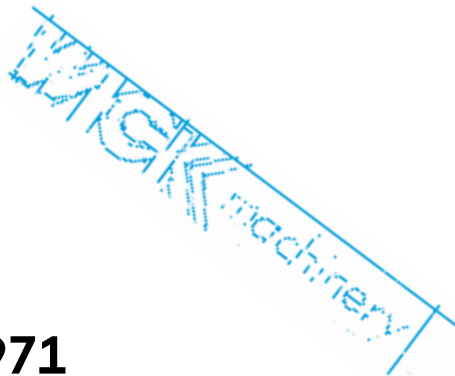
In 2004, in-line bottling and canister filling machines were given an intuitive new user interface and more flexible servo drive. In the same year, this technology was delivered to a client in Scunthorpe, England, by one very lucky Wick project manager who was treated to a round of drinks by the satisfied clients. Upon returning home, the employee not only spoke proudly of Wick's successful new technology, but at every single company party from then on praised the incomparable taste of the Scunthorpe Guinness.



The 1971 DFB

## 1971

Together with five co-partners, **Josef Wick launches a machine workshop in Vienna and lays the company's foundation.**



## 2003

Production of the first Wick filling machine for flexible infusion bags begins, and quickly becomes a great success.



## 1998

Schaefer, the renowned US-manufacturer of filling machines for pharmaceutical capsules, acquires a 10% stake in the company, which from then on operates as *Wick and Schaefer*.

## Suitable from the age of 2

After Josef Wick developed the first fully automatic filling and closing machine for cans of lotion in the company's first year, his son Andreas, who was only two years old at the time, was made to test the first prototype. And because Andreas immediately mastered the machine, Josef Wick promptly said, "Look how user-friendly our machines are!" Meanwhile, the bright look in Andreas' eyes may have been the first indication of his future career as CEO ...

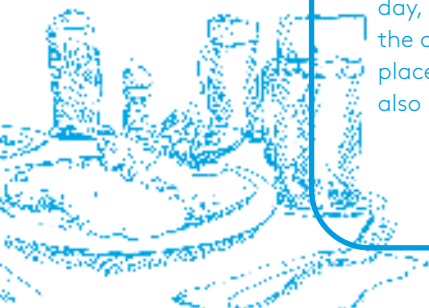


## The timeless source of our success

Wick's history would not be the same were it not for the unfailing motivation, commitment and loyalty of all its employees. We are happy to say that many of our employees choose to stay with us until retirement and they continue to join us for corporate events long after.

## Brainstorming "Viennese Style"

In the early years, the company had lunch at the Viennese restaurant Zur Teufelsmühle every day, earning the nickname "WICKingers" by the owner. Because the WICKingers liked the place so much, countless business ideas were also born there – on the backs of napkins.



## 1992

A difficult time in the 1980s results in the company filing for insolvency. Together with a small group of loyal employees, Andreas Wick bravely restarts the company.

## 1974

Relocation to a larger facility in Vienna's 10th district.



## 2005

Together with TÜV, Wick-Machinery develops the first Atex-compliant servo filler for the chemical industry, which soon after achieves international success.

## 2007

Following the need for a bigger production facility, the location in Laaer-Berg-Strasse is closed down and operations are divided between the two current facilities.

## 2008

With the development of the "Minican Universal", a combination filling and closing machine for liquids, pastes, and granulates, Wick-Machinery not only receives an award in innovation, but also launches a flagship product that, in 2021, is in greater demand than ever.



### The Squirt Gun Battle of Himberg

In 2010, Wick launched a new generation of filling machines for syringes, which were sold to a London client in that same year. But before delivery, the syringes first had to be tested. And since the internal tests took place in the middle of summer, the already-filled syringes were used for a major squirt gun battle in the garden behind the workshop. It was a great success: Not only did everyone get completely wet, but the clients in England were highly satisfied.

## 2011

Wick-Machinery introduces flexible handling technology for non-rigid bottles and cartridges.

## 2012

With the repurchase of the shares from Schaefer, the Wick family again becomes a 100% owner of the company.

## 2015

Wick-Machinery becomes a pioneer in M2M communication.

## 2016

As part of an international R&D project, a self-contained compound mixing and filling system is developed under the auspices of Wick-Machinery. It has been operating under the name PROCOMBO since 2017.

## 2023

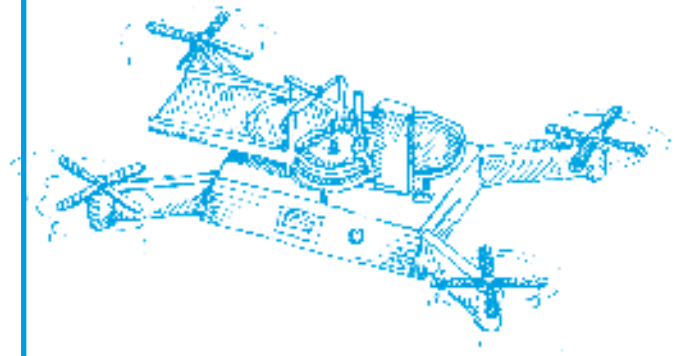
"Flexo-Robot" aims to develop a flexible, adaptive supply and handling system for packaging materials and closures.

## 2022

The "format change at the push of a button" is designed to develop format-free filling and closing machines for different packaging materials, shapes and geometries.

## 2021

Wick-Machinery sets up a test facility with simulation equipment at its Oberlaa location to determine and document the closing, sealing and opening performance of various packaging materials under different operating conditions.



## 2020

As part of an R&D project, Wick-Machinery works with research partners to develop an aseptic formulation and filling system for single batch prefilled syringes.

## 2019

Wick-Machinery develops a new generation of syringe fillers that enables rapid changeover between different cannulas from different manufacturers.

### Like father, like son, like granddaughter!

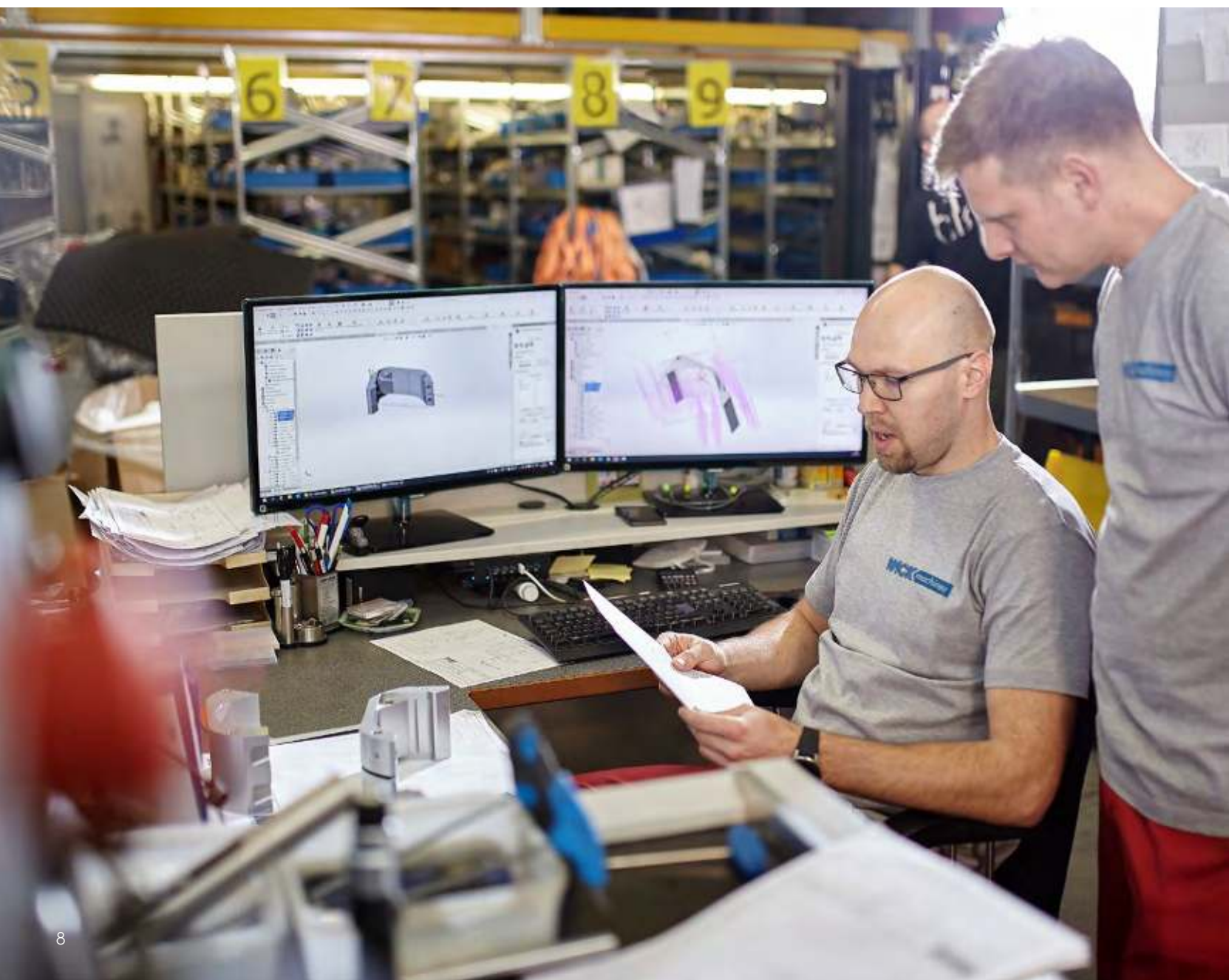
When Carolina Wick joined the company in 2016, she had one ambition: to start at the base level of production in order to become familiar with the entire process. Since then, Carolina has not only successfully completed technical and business training, but also established herself as a driving force of the third generation, especially in the area of communication and work methodology.

Because we Know how it Works:

**WICK**

**Know-How**

At Wick-Machinery, we build filling technology that perfectly adapts to your company's needs. Therefore, every Wick machine is unique. Our team offers you the highest competence, best service and absolute precision in all steps of production. Wick Know-How guarantees the best results and your full satisfaction.







## Customized Service

Whether it's consultation, planning or customer support: Our team is your ideal partner for developing the perfect filling machine. Wick service means that we are there for you whenever you need us. We offer installation, commissioning and on-site staff training. Wick machines are highly robust, low-maintenance and easy to operate. And should you ever have a question or a problem, you can always count on us.



## In-House-Manufacturing

One of Wick-Machinery's greatest features is the in-house manufacturing of our equipment. This makes us incredibly flexible and fast and it allows us to offer a broad selection of options, while remaining largely independent of external suppliers. From conception, construction, manufacturing of components and control cabinets, assembly, programming and testing to factory approval: Wick will be a dynamic partner for your next project.



## Bringing the Future into the Present

Our focus on customized service does not just mean that we respond to your requests in the most effective and reliable way. We are equally committed to meeting your needs with state-of-the-art filling technology. To ensure this, we invest time and resources in research and development. Wick-Machinery keeps pace with the rapidly changing requirements of the market and confidently takes your product over the finish line.



# From First Meeting to Filled Product:

## Why WICK-Machinery?



### Warm Welcome

We welcome you to our Head Office, listen closely to your wishes and contribute new ideas. Next, we will have a look at the existing processes in your company. After all, every successful project planning starts with optimization.



### Responsibility and Trust

The foundation of a successful cooperation is responsibility and trust. By that we do not only mean within our team, but also, of course, for you and your project. We see ourselves not just as experts, but as equal partners who remain by your side from the very start.



### Engineering

Wick-Machinery uses state-of-the-art engineering, technology, simulation software and design tools. Our ongoing investment in research and technology has always been an integral part of our success.



### Final Assembly

The previously tested modules are assembled to a Wick machine. This is also where the electrical control panel and the software is integrated into the machine. And then, finally, it's time: Our team of programmers brings the machine to life. And right with the machine's first movements, the eyes of everyone involved start to shine.



### Pre-Assembly

This is where the individual components come together to form a larger whole. Pre-assembled into construction units and modules, they are then tested again before they are sent to the final assembly line.



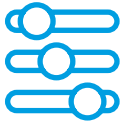
### Single-Part Monitoring

Despite precise planning and careful implementation, we might still come across errors. Our single-part monitoring ensures that only fully-tested components reach our pre-assembly section.



### Manufacturing

As planning and production go hand in hand, we manufacture the majority of our equipment, component parts, and modules in-house.



## Testing Phase

Using checklists and defined acceptance-criteria, we evaluate, test and verify aspects of processing, module interaction, setup, functionality, the system's performance in "exceptional situations" and numerous other areas and features.



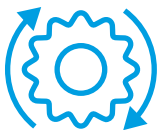
## Factory Approval

Together with our customer, we thoroughly examine the machines in our "factory acceptance test" (FAT). For more complex systems, we prepare an additional checklist several weeks in advance.



## Shipping

Shipping is as diverse as our clients. While some want to pick up their machines themselves, others choose to have them shipped by a transport agency. Depending on your preference, we can provide the machine ex-factory or handle the complete logistics: Packaging, documentation, transport and transport insurance.



## Setup

You decide whether to perform the initial setup yourself, with the help of local professionals, or with the support of Wick-Machinery's setup service.



## A Cooperation Made to Last

The work for us does not end with your machine's setup. Should you ever have any questions, suggestions or adaptation requests: Please do not hesitate to contact us, for we will continue to be there for you.



## After Sales Service

We offer continuous maintenance and servicing, repairs (of other suppliers' machines as well), on-demand supply of spare and format parts, as well as upgrade options for further adjustments and adaptations to new products.



## Final Acceptance (SAT)

The final acceptance ("site acceptance test", SAT) repeats the decisive steps of the factory acceptance test. Together with you, we will thoroughly check all criteria from transport to installation. As a last step, the machine gets tested in your facility.



## Training

For more complex systems, we recommend training by our staff. The initial training takes place in the course of the factory acceptance test or after the initial setup. Depending on the type of machine, we distinguish between training for users (operators), shift supervisors and maintenance personnel.

# At Work with Enthusiasm: WICK in Action







# Your Industry, our Domain: The World of our Clients

Wick-Machinery is your partner for all industries that have a demand for filling and closing technologies. Our focus is on pharmaceuticals, diagnostics, chemicals, cosmetics, and food processing.

Since the foundation of our company, Wick-Machinery has not only established itself regionally, but also internationally. With the exception of Australia, our machines can now be found on all continents. Whether you are a global player or a regional company, a world market leader or a young start-up: Trust in our experience and fulfill your vision together with us!





# Today more than Ever

The demands of the pharmaceutical industry are very high and defined by clear rules. Wick-Machinery offers absolute safety in all stages of production and meets the highest requirements for accuracy, cleanliness and sterile filling. We document every step from machine facturing to the filling of the product. Plus, the entire system is qualified according to GMP (optionally FDA).

## BTA – For maximum filling precision

The filling of infusion bags is subject to the highest precision, as provided by the BTA. The internal controls must comply with the stringent prescriptions of the external quality guidelines such as those laid down by the GMP. Each bag is subjected to individual leak tests. Filling occurs via a massflow meter with automatic recalibration after each cycle in closed circuits. The 100% in-process control ensures that only properly filled, leak-tested infusion bags are dispatched from the plant. This means end-user safety.



Pressure testing of the infusion bags and optional pre-processing with inert gas

Counter-pressure filling with automatic calibration after each fill cycle

Flexible pack material, gentle crimpling tool, versatility for different kinds of capping

### Products

- |                     |                         |
|---------------------|-------------------------|
| Eye drops           | Syrup                   |
| Gel                 | Tinctures               |
| Glucose             | Veterinary preparations |
| Ointments           | Wound ointment          |
| Infusions           | Zinc paste              |
| Injection solutions | Tablets                 |
| Saline solutions    | Parenteral nutrition    |
| Nasal drops         | Emulsions               |
| Ear drops           | Capsules                |
| Oil                 | Vitamin preparations    |
| Ointment base       | etc.                    |
| Painkillers         |                         |



Modular



Suitable for Cleanroom Robotics



Scaleable



Manual / semi- / fully-automatic

### Packaging materials

- Bottles
- Vials
- Infusion bottles
- Syringes
- Pouches
- etc.

### Working environment

- Stand-alone
- Open RABS
- Closed RABS
- Isolator
- Special environments





## All Safe and Secure

For the chemical industry, the requirements are as varied and challenging as the product range itself: From corrosive liquids to highly foaming agents, Wick-Machinery battles adverse conditions and brings everything safely under control.



Inline cleaning and  
memory formatting

Measuring via mass flow  
meter or piston

Robust, durable and  
resistant to extreme  
conditions

### Multifill Servo – Optimized solutions for every customer

The Multifill Servo remains stable and can stand up to extreme conditions. This unit is ideal for handling acids, bases and solvents with off-centered pH values. The unit can be configured to comply with ATEX specifications and may also be utilized for filling explosive liquids. A process-specific zone-concept is developed beforehand and implemented together with the appropriate inspection authorities.

#### Products

Tinting paste  
Acetone  
Acrylic paints  
Ethyl acetate  
Car polish  
Bases  
Chlorine bleach  
Chlorine cleaner  
Disinfectant  
Differential oil  
Dispersion  
Fragrance oil  
Fertilizer (liquid)  
Descaler  
Ethanol  
Paints

Window paints  
Window cleaner  
Finger paint  
Formaldehyde  
Frost protection  
Gel  
Dishwashing liquid  
Gear oil  
Household cleaner  
Insecticides  
Adhesive  
Compressor oil  
Radiator frost protection  
Artists' paints  
Varnish

Lamp oil  
Lyes  
Solvent  
Mineral oil  
Engine oil  
Oil paints  
Pesticides  
Plant nutrients  
Plant protection  
Propanol  
Cleaning agents  
Acids  
Windscreen frost protection  
Windscreen cleaners  
etc.



Modular

#### Packaging materials

Bottles  
Canisters  
Pouches  
Cartridges  
Bag in Box  
Refill packs  
Special packaging, etc.



Suitable for  
Robotics

#### Working environment

Stand-alone  
Interlinked systems  
Encapsulated systems  
ATEX application  
Highly corrosive environment



Scaleable



Manual /  
semi- / fully-  
automatic



## It's a Match

Exact beginning, precise ending, safe result: In the diagnostics sector, we provide spot-on solutions in all phases of production while always ensuring transparent documentation. We therefore guarantee excellent results and absolute safety.



### Minican Universal – Total Versatility

The Minican represents precision in filling, quick cleaning and maximum versatility. This system is capable of handling different shaped containers and is compatible with different dosage systems. Capping, labeling and marking systems are seamlessly integrated into the unit, which may also be adapted to small batch quantities. The Minican adapts quickly and efficiently to all customer needs.

#### Products

- Cholesterol Test
- Diagnostic Media
- Plasma
- Buffer solution
- Reagents
- Serum
- Whole blood
- etc.



Modular



Suitable for Robotics



Scaleable



Manual / semi- / fully-automatic

#### Packaging materials

- Bottles
- Canisters
- Pouches
- Cartridges
- Bag in Box

- Special packaging materials
- Tubes
- etc.

#### Working environment

- Stand-alone
- OEM solutions
- Open RABS
- Closed RABS
- Isolator
- Special environments



# Radiance Every Day

The rapidly growing product variety in the cosmetics industry requires a flexible and creative approach. Together with you, we will find first-class solutions in order to make sure that your product will become popular in the daily lives of your clients. Because as the saying goes: True beauty comes from within the tube.



## DFB-T – The optimal process for each design

The DFB-T is capable of handling any type of container with maximum safety. This is the premium system for expensive cosmetics in costly packaging. The machine handles the product with just about the same delicacy as the product itself works on the skin. The well-conceived design allows a time-efficient dosage system for aseptic filling and is ideal for preservative-free cosmetic products. There is a wide range of capping and safety options, including aluminium and screw caps.

### Products

- |                     |                     |                |
|---------------------|---------------------|----------------|
| After Shave         | Hair shampoo        | Shaving cream  |
| After Sun           | Hand wash paste     | Shaving lotion |
| Aroma Bath          | Skin care           | Rose water     |
| Aroma oil           | Hydrolate           | Foam baths     |
| Essential Oils      | Cosmetic Creams     | Shampoos       |
| EyeBrow Color       | Lipgloss            | Sunscreens     |
| Balm                | Lotions             | Tonic          |
| Lotions             | Mascara             | Eyelash tint   |
| Deodorant           | Mouthwash           | Toothpaste     |
| Eau de Toilette     | Nail gel            | etc.           |
| Liquid soap         | Nail polish         |                |
| Face cream          | Nail polish remover |                |
| Hair dye            | Perfume             |                |
| Hair setting lotion | Exfoliating cream   |                |
| Hair gel            | Permanent make-up   |                |



Modular



Suitable for Robotics



Scaleable



Manual / semi- / fully-automatic

### Packaging materials

- |                |                   |
|----------------|-------------------|
| Bottles        | Mascara tubes     |
| Cans           | Pencils           |
| Jars           | Tubes             |
| Flacons        | Roll-ons          |
| Shaped bottles | Airless Dispenser |
| Syringes       | etc.              |
| Brush bottles  |                   |

### Working environment

- Stand-alone
- OEM solutions
- kGMP-environment
- Laboratory systems
- Fully automated systems



# Preciously Delicious

Filling food products not only means having to cover a wide range of goods. It also means having to keep up with an extremely fast and innovative market. Wick-Machinery is perfectly in shape! We produce versatile systems that adapt quickly, are easy to clean and capable of handling your products with care.



An up-to 12-track linear indexing system allows more gentle container transport

Piston measuring or flowmeter filling system adaptable for products with larger chunks

Inline cleaning and recipe administration guarantees quick conversion and versatility

## DFB-C – Choice of equipment for different applications

The DFB-C is capable of keeping pace with the latest requirements and always completes the job on time. Filling is performed at the desired intervals thanks to the sequencing system with a wide range of process options. The linear design is straightforward and permits manual operations at predetermined stages. Thanks to the semi-modular structure, the unit can also be interfaced with external subsystems, thus further enhancing its versatility. Filling is safe and compliant with HACCP specifications. That's the DFB-C!

### Products

Aromas  
Aspic  
Spreads  
Barbecue sauce  
Frying fat  
Chili sauce  
Egg yolk  
Egg white  
Vinegar  
Delicatessen cups  
Liquid egg  
French salad  
Fruit yogurt  
Fruit juice  
Vegetable mayonnaise

Goulash soup  
Honey  
Hop extract  
Chicken soup  
Caviar  
Ketchup  
Herb extract  
Marmalade  
Mayonnaise  
Mineral water  
Whey  
Cream  
Olive paste  
Pudding  
Beef soup  
Salad dressing

Salads (pasty)  
Brine  
Sauce Tartare  
Lard  
Liquor  
Chocolate sauce  
Mustard  
Cooking fat  
Spirits  
Cheese spread  
Tomato paste  
Water  
Syrup  
Oils  
etc.



Modular



Suitable for Robotics



Scaleable



Manual / semi- / fully-automatic

### Packing materials

Bottles  
Cans  
Jars  
Cups  
Thermoforming molds  
Tubes  
Special packaging materials  
Biodegradable materials

### Working environment

Stand-alone  
OEM solutions  
Wet environment  
Cold and hot environment  
Wash-down



## Starting Small means Getting Big

As a family business, we are particularly committed to our Small Business partners and their journeys to success. Wick-Machinery is not only your professional partner, but also a down-to-earth companion that will always consider you an equal. We handle the most important questions and decisions and, together with you, will develop the best possible filling technology for your requirements. From consulting, decision-making, and implementation to customer support: Wick-Machinery is a partner who will bring out the best in you.

### **Our Machines will Grow with You**

A key feature of a majority of our machines is that you can select their level of automation. A lot of small businesses and start-ups thus opt for a manual or semi-automatic filling machine, because they can further adapt their machine according to the changing needs of their company. By installing additional modules, our Wick Machine perfectly adapts to your company and grows together with you.

Clean, multilingual operator display for maximum comfort during use

Product path limited to the filling hose for quick conversion and easy cleaning

Suited to a variety of applications allowing combination with different capping machines



### **WF1 – The right kind of machine**

Simple, compact and self-explanatory: the WF1 is your choice unit. Its small size, compact design and ease of use make it the unit of choice for many WICK customers. The only product contacting points are the filling hose and filling needle, thus preventing possible contamination. The WF1's stainless steel parts are easy to clean and versatile, thanks to the clear instructions shown on the operator display. If required, the contact parts may also be supplied as single use components.

# Customized Machines, Cooperations Made to Last



## Ölmühle Fandler GmbH

Styria, Austria

**Ölmühle Fandler is an Austrian family business that, since its foundation in 1926, has been known for high-quality, cold-pressed, 100% pure vegetable oils from first pressing. With their impressive range of products – from organic safflower oil to organic plum seed oil – the company has long been one of the culinary highlights of Austria's corporate landscape. Peter Schloffer, part of Fandler's management team, talks about his experiences with Wick.**

*Mr. Schloffer, how did the cooperation with Wick-Machinery come about?*

We met at the FACHPACK in Nuremberg a few years ago. I was looking for a 20 ml filling machine, which was quite a challenge because it's a very small quantity. After several days, my colleagues and I thought we would have to return home without a partner. We then happened to come across Wick-Machinery's booth, where our specific request was suddenly met with enthusiasm. We were on board right from the start.

*What happened next?*

Andreas Wick and I first had a few more detailed conversations, before our teams came together in their office in Himberg. The whole Wick team was prepared so well and everyone was so friendly that we immediately felt comfortable. Together, we discussed and conceptualized the requirements of the machine in detail. And today we have a perfect, customized machine with which we are very happy.

*Can you talk about the special requirements of the 20 ml filling machine?*

For us it's very important to guarantee the absolute purity of our oils. Given our wide range of products, the machine must ensure that the oils do not mix. Wick-Machinery's technology meets this requirement with absolute precision and is also very easy to operate. If something does come up, however, we have a contact person at Wick, Markus Schwarz, whom I can contact at any time. He takes care of our concerns and is always available to answer any questions we may have. So far, we have been able to clarify all questions directly on the phone.

*What else do you think characterizes the cooperation with Wick?*

As two Austrian family-owned companies, we are simply a good match. We have a similar corporate structure and share the same high standards with regard to our clients, our products and, of course, our team. And that generates a deep mutual understanding and genuine appreciation when we work together. Since we try to cover our demand for raw materials and trades within Austria, we are very happy to have found such a great regional partner.



## Konapharma AG

Pratteln near Basel, Switzerland

**Konapharma is a renowned Swiss private company in the field of contract manufacturing and contract packaging. The company's strengths include the development and manufacturing of solid dosage forms, as well as primary and secondary packaging. Mr. Alessandro Larecchiuta, who works as Head Technical Support for the company, talks about his experience with Wick.**

*Could you briefly describe your cooperation with Wick-Machinery?*

Konapharma is a Full-Service-Provider, which means that in addition to classic contract manufacturing and packaging, the company also offers service in quality control, development and logistics services. Wick is an important contact with regards to our contract manufacturing in the primary packaging sector, particularly when primary packaging materials diverge from the product range. In

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# Dr. Lüscho

## GmbH & Co. KG

Hüllhorst, Germany

Since 2008, Wick-Machinery has been working together with Dr. Lüscho GmbH & Co. KG, a company that produces high-quality nutritional supplements and medical products in liquid form. Dr. Bernd Lüscho, who has successfully managed the company for more than 17 years, talks about his long-standing collaboration with Wick.

**Dr. Lüscho, when and how did you come across Wick-Machinery?**

That must have been in 2008. I was very impressed by their booth at the interpack and started a conversation with Andreas Wick and his team. Back then, I was just starting to fill larger bottles, so I was looking for a flexible machine. In the ensuing exchange with Wick, it became absolutely clear that they would focus on my individual requirements and wishes, instead of trying to convince me with a prefabricated solution. Today, after several years of cooperation, we own five Wick machines. So one can say that our encounter was very profitable.

**What have you found particularly outstanding about working with Wick-Machinery?**

The team listens closely to the wishes and ideas of its clients and responds with targeted solutions. There are, of course, larger and better-known machine manufacturers who build really great machines, but they build these machines according to what they think is right, not according to what I want. With Wick-Machinery, it's the other way around. They ask you what you need and do an excellent job of implementing that. The Wick machines that I have in operation are certainly not available off the shelf. This is the qualitative difference.

that case, things always have to move quickly: Wick-Machinery receives the product requirements from us and, in reference to this information, has to perform services such as consultations, preparation of quotations and fast format deliveries.

**If you produce in response to specific customer requests, do the machines need to be highly adaptable? Could you give an example of such an adaptation?**

With regards to our tablet counting machine, we had a request from a customer who needed larger and higher cans. We got in contact with Wick-Machinery for the necessary formats and they were able to find a solution very quickly. In general, I can confirm that Wick systems are very easy to handle and operate.

**In your opinion, is Wick-Machinery a reliable partner in customized machine manufacturing?**

I can definitely confirm that Andreas Wick and his employees have always taken care of our wishes and requirements. They are always eager to find a quick and pragmatic solution.



**Would you say that this close interaction both makes you learn from and grow with each other?**

Yes, absolutely. As I am an expert in the field of application, I know what the final machine needs to be able to do, or what would need to be changed with the next machine. This is the knowledge and input I can contribute from the user's side. Andreas Wick and his team then use this feedback to further develop their machines. As I'm happy with all our Wick machines, you could say that we both benefit from each other.

**What else has become evident during these many years of cooperation?**

Each factory acceptance test, we use the opportunity to combine the useful with the pleasant: The teams have dinner together and we enjoy the Austrian cuisine and wine. Interestingly – coming back to business – every machine has always turned out to need a bit of adjustment. During actual operation, you mostly find aspects that you want to optimize further. Even though we have always conceptualized everything together, we're never able to consider every single detail. Usually, these aspects are not very crucial, and optimization is part of every corporate reality. With the great help of Wick, however, we have always managed to adjust the machines until they worked perfectly. For this purpose, Wick-Machinery is also a great partner because they remain absolutely reliable and solution-oriented throughout the collaboration.

**What has made working with Wick-Machinery particularly special for you?**

You always learn very quickly whether something is doable right away, whether it would need rebuilding first, or whether the existing Wick system might not be suitable for it. In the latter case, Wick has always provided reasonable explanations and alternative solutions. The cooperation with Wick is thus very direct, very open and very honest. I personally appreciate that very much.

**Do you want to highlight anything else that has been particularly positive?**

What I would like to emphasize is that Wick has always perfectly accommodated our requirements, our quality demands and our suggestions. In the field of contract manufacturing, it is very crucial to make fast offers and to have short delivery times. With their advice, services and fast delivery, Wick makes a valuable and important contribution to our success. We can say that Wick-Machinery is a very reliable partner, so we would like to continue strengthening this cooperation.

# From Austria to the Whole World: World Wide Wick



**"Wick-Machinery are friendly and reliable partners with personal engagement."**

**Kevin Schaefer**  
*President of Schaefer Technologies*  
*Indianapolis, USA*



**"We have been relying on Wick filling equipment for more than 10 years. The friendly and competent Wick team has always implemented customized solutions for our applications."**

**Dr. Christoph Zander**  
*Head of Production of*  
*LONZA Cologne*  
*Cologne, Germany*

**WICK**



**"Wick-Machinery did not just accommodate us with a prefabricated solution. They listened to our ideas and gave us valuable input. It was a great project with an equally great result."**

**Herzen Villagra Matus**  
*PHC Farmacia Papudo*  
*Papudo, Chile*

**"Their expertise and enthusiasm is amazing. Shout out to our transcontinental partners!"**

**Carlos Poletti**  
*CEO of Sesimbra*  
*Sao Paulo, Brazil*







**"The filling machine from Wick-Machinery is in daily use at our bean-to-bar factory. We appreciate the reliable technology and simple usability, which meets our requirements to our complete satisfaction."**

**Josef Zotter**  
*Chocolatier at Zotter Schokolade  
Riegersburg, Austria*



**"Very friendly cooperation, easy-going service and excellent results."**

**Davud Devrishov**  
*Director of Agrovet Ltd.  
Moscow, Russia*

**machinery**



**"Wick machines are robust, precise and reliable. We are absolutely satisfied with the cooperation."**

**Sjuul Thijssen**  
*Vice President, MCS Diagnostics BV  
Swalmen, Netherlands*



**"If you're looking for a truly custom-made experience, you should definitely go for Wick-machinery."**

**Francesc Cases**  
*CEO of Germark S.A.  
Barcelona, Spain*



Our Machines – Soon to be customized for you:

# Our Machine- Catalogue

Whether closing or filling, semi-automatic or fully-automatic:

Our customizable machines are the proof of our 50 years of Know-How and expertise. See for yourself!



# Filling and Closing, fully-automatic (1)

## Minican T



tins/glasses/jars



**Filling and closing of jars, tins and glasses.**

**Filling range:** 1–300 ml

**Output:** 40, 65 or 120 containers/minute

**Equipment:** jar in-feed via conveyor, rotary table or automatic unscrambler, container cleaning with sterile air, jar coding, product-specific filling, treatment of jar edge, film die and foil cutters, sealing station and much more.

## Minican Universal



tins/bottles/glasses/  
jars/vials

**The most universal and most flexible in its class.**

**Filling range:** 1–1000 ml

**Output:** 25, 40 or 60 containers/minute

**Equipment:** supply of empty containers via conveyor, rotary table or unscrambler, product-specific filling station, various dosage systems, capping station and much more.



## FFM



tins/bottles/glasses/  
jars/vials



**Highly flexible filling and closing system of the FFM series**

**Filling range:** 0,1–100 ml or 10–1000 ml

**Output:** up to 40 or 80 containers/minute

**Equipment:** Based on a linear indexed sliding rake that can be operated either with format parts or with a self-adjusting adaptive pusher. Analogous to the rotative indexed Minican Universal Series, all the Wick filling- and closing units can also be installed here.

## DFB-T



tins/glasses/jars

**The flexible specialist for jars, tins and glasses.**

**Filling range:** 1–300 ml

**Output:** 65, 120 or 400 containers/minute

**Equipment:** jar in-feed via conveyor, rotary table or automatic unscrambler, container air-cleaning, jar coding, product-specific filling, treatment of jar edge, film die and foil cutters, sealing station and much more.



## Minican Pharma



bottles/infusion bottles/vials



**Ideal for clean room applications.**

**Filling range:** 0.1–1000 ml

**Output:** 40, 60 and 80 bottles/minute

**Features:** supply of empty bottles via conveyor, rotary table or unscrambler, removal of protective cap, bottle cleaning, treatment with inert gas, product-specific filling, rubber stopper insertion, sealing with crimp cap or closing with screw-cap, labeling machine, validation packages in compliance with GMP and FDA.

## Minitube / Multitube



tubes

**Aluminum and/or plastic tubes.**

**Filling range:** 1–300 ml

**Output:** 30, 40 or 65 tubes/minute

**Equipment:** tube feed via slide or cassette, air cleaning unit for tubes, alignment of tubes, product-specific filling, sealing, coding station, tube edge crimping, data interface and much more.



For more information, please visit our website:



# Filling and Closing, fully-automatic (2)

## DFB-C



cups



**For cups and associated requirements.**

**Filling range:** 1–1000 ml

**Output:** 65, 120 or 400 cups/minute

**Features:** cup magazine with cup dispenser, cup coding, various application-specific dosage systems, product-specific filling station, film die and foil cutters, heat-sealing station, sealing station for pressed caps, snap-on lids, screw stations for special cups, labeling machine.

—Also suitable for multi-component filling.

## Minican C



cups

**For cups and associated requirements.**

**Filling range:** 1–1000 ml

**Power range:** 40, 60 or 80 cups/minute

**Features:** cup magazine with cup dispenser, coding, various application-specific dosage systems, product-specific filling station, film die and foil cutters, heat-sealing station, sealing station for pressed caps, snap-on lids, screw stations for special cups, labeling machine.



## Minican 100



bottles / glasses / vials



**This is a modern, compact and fully versatile automatic filling machine.**

**Basic equipment:** supply rotary table for empty containers, rotary indexing table, filling station, adaptable for various dosage systems, capper, sorter, closing station for screw-caps, snap closures and crimp caps, collecting tray for filled bottles.

## BTA



bags / infusion bottles / vials

**Sealing and filling of bags, infusion bottles and vials.**

**Filling range:** 1–3000 ml

**Output:** 500 , 900, 1500 or 3000 bags/hour

**Features:** manual bag uptake, protective cap removal, bag inspection, treatment with inert gas, product-specific filling, pressing of rubber stopper or luer-lock closure, sealing station for crimp caps, interface for further data processing, interchangeable unit for bottles and vial filling, special versions for infusion bottles with screw cap, validation packages in compliance with GMP and FDA.



## SPF-100



syringes



**The machine for the fully automated filling and capping of syringes.**

**Output:** 10, 25, 40 or 60 syringes/minute

**Equipment:** rotary indexing table, syringe-feed via rail system, automatic cap removal, filling via direct suction or peristaltic pump, capping via luer-slip or luer-lock closures, in compliance with GMP and FDA.

## Multifill



bottles

**The adjustable specialist for filling and closing of bottles.**

**Filling range:** 1–1000 ml

**Output:** 20, 40 and 60 bottles/minute

**Features:** product contacting parts made of stainless steel, Hastelloy, titanium, plastic or ceramic, dosage over piston pump, peristaltic, servo drive or flowmeter, capping machine for various types of closures, bottle sorter, labeling machine.

—Optionally available for sterile filling.



**For more information, please visit our website:**



# Filling and Closing, fully-automatic (3)

## Minican Universal – Size 4



bottles



**The most universal and most flexible of its category.**

**Filling range:** 1–1000ml

**Output:** 25, 40 or 60 containers/minute

**Equipment:** supply of empty containers via conveyor, rotary table or unscrambler, product-specific filling station, various dosage systems, capping station and much more

## Multifill with VR-mp



bottles

**The adaptable specialist for filling and closing bottles.**

**Filling range:** 1–1000ml

**Output:** 20, 40 or 60 bottles/minute

**Equipment:** product contacting parts made either from stainless steel or on demand from hastelloy, titanium, plastics or ceramics. Dosage over piston pump, peristaltic, servo drive or flowmeter. Suitable for various types of closure. Bottle sorters, labeling machine. Optionally available for sterile filling.



**For more information, please visit our website**



# Filling and Closing, semi-automatic

## Minican 50



cans/bottles/glasses/jars



**The ideal entry-level model in automated filling technology compatible with standard pumps.**

**Filling range:** from 0.5 to 1000 ml (depending on the pump)

**Features:** automatic rotary indexing table, filling, capping station, compatible with all our dosing systems.

**Special equipment:** conveyor belt, automatic cap supply, labeling machine, etc.

## Minican 200



cups

**Ideal for filling and sealing of cups.**

**Features:** automatic rotary indexing table, filling station, foil dispenser, heat sealing station, cup ejection mechanism.

**Optional accessories:** automatic cup dispenser, coding station, lidding station.



## BT1



infusion bags/  
infusion bottles/  
vials



**For semi-automatic filling and sealing of infusion bags.**

**Features:** manual bag in-feed, manual placement of plugs and crimp caps, changeable format settings for a variety of bag systems, also available for infusion bottles and vials, automatic filling and crimping.

For more information, please visit our website:



# Closing, semi- and fully-automatic

## EKS and PKS



cans/bottles/glasses/jars

### For closing screw caps.

**Features:** screwing mechanism, adjustable torque clutch, quick-change chuck for all cap forms.

**Power source:** electric (EKS) or pneumatic (PKS).



## PKS-H



cans/bottles/glasses/jars

### For closing screw caps.

**Features:** screwing mechanism, equipped with lifting and lowering devices, adjustable torque clutch and quick change chuck, for all cap shapes.



## PKS-R



cans/bottles/glasses/jars/vials

### For closing screw caps.

**Features:** screwing mechanism, lifting and lowering device, stepless adjustable torque, integrable filling station, optional for crimp caps.

**Features:** manual rotary table.



## Psi



cups/bottles/glasses/jars

### For sealing of aluminum foil.

**Features:** variable sealing temperature, infinitely adjustable sealing pressure, conversion to automation possible.



## Psi-R



cups/bottles/glasses/jars

### For sealing of aluminum foil.

**Features:** manual rotary table, heat-sealing station, automatic foil dispenser.

**Functions:** variable sealing pressure, variable sealing temperature



## SD1



tubes

**For sealing aluminum tubes.**

**Features:** hand crank, with optional encoder facility.



## SD1m



tubes

**For sealing aluminum tubes.**

**Equipment:** electric motor, with optional encoder.



## TS1



tubes

**For welding of plastic tubes.**

**Features:** continuously variable tube height, adjustable sealing time and cooling time.



## VR-mp



cans/bottles/glasses/jars/vials

**For automatic closing of screw- and press caps, spray pumps, triggers and special seals.**

**Features:** mechanical rotary table (optional: servo table), closing station mechanical, electric or servo motor.

**Functions:** automatic cap feeding on vibration- or disc-sorter.



## FP120-R



infusion bottles/vials

**Crimping unit with manual rotary table for infusion bottles, vials and spray pumps**

**Features:** manual rotary table, lifting and lowering devices, crimper drive, exchangeable crimping heads for various sizes and types of closure. Optionally available with integrated filling station.

**Drive:** pneumatic/electropneumatic



## FP120



infusion bottles/vials

**Crimping unit for infusion bottles, vials and spray pumps.**

**Features:** lifting and lowering devices, crimper drive, exchangeable crimping heads for various sizes and types of closure.

**Drive:** pneumatic/electropneumatic



For more information, please visit our website:



# Filling, semi- and fully-automatic

## FG-Series



cups/cans/bottles/glasses/  
jars/tubes



**Universal filling machine for liquids and viscous products.**

**Filling range:** 3–1200 ml

**Output:** 5–25 cycles/minute\*

**Drive:** hand lever, pneumatic, electric motor, servo motor

**Optional accessories:** heating hopper, rotating stirrer, automatization package, etc.

**Features:** may be automated, integrable with fully automatic filling machines (also possible at a later date)

## WF-Series



bags/bottles/glasses/infusion bottles/syringes/vials

**Peristaltic Filling Machine.**

**Filling range:** 0.5 to 5000 ml

**Output:** 5–25 cycles/minute \*

**Drive:** 230 V, 50 Hz

**Functions:** peristaltic filling principle for easy cleaning, rapid product change, automatable, integrable in fully automatic filling machines (also possible at a later date)



\* Depending on filling quantity and operator.

## PD-Series



cups/cans/bottles/glasses/syringes/jars/tubes

**The universal filling machine.**

**Filling range:** 1–5000 ml

**Output:** 3–20 cycles/minute \*

**Drive:** pneumatic or servo motor.

**Special accessories:** heating hopper, rotating stirrer, automatization package, etc.

**Features:** automatable, integrable in fully automatic filling machines (also possible at a later date)



For more information, please visit our website

# Dosing Systems, Tablet Press

Some are happy with a systemic solution. We at Wick-Machinery are not, because we want you to have the best. That's why we offer all current standard dosing systems to find the optimal solution for each application.

## Piston filler

- Optionally with mechanic, pneumatic or servo drive
- High precision repeating mechanism
- For variable viscosity



## Slide valve filler

- Alternatively with mechanical, pneumatic or servo drive
- Ideal for products with variable viscosity
- High precision repeating mechanism



## Continuous dosing

- Peristaltic dosing system, for simple cleaning
- Gearwheel pump, for basic filling tasks
- Mono pump, ideal for larger filling volume



## Flow metering

- Alternatively, with magnetic inductive or mass flow meter
- Highly flexible operation
- Ideal for linear fillers and mono-blocks



## Rotary piston filler

- Alternatively, with mechanical or servo drive
- High precision repeating mechanism
- Ideal for highly fluid products and for small dosages



## Tablet Press



**Suitable for production and testing purposes**

**Max. tablet diameter:** 18 mm

**Max. filling depth:** 17 mm

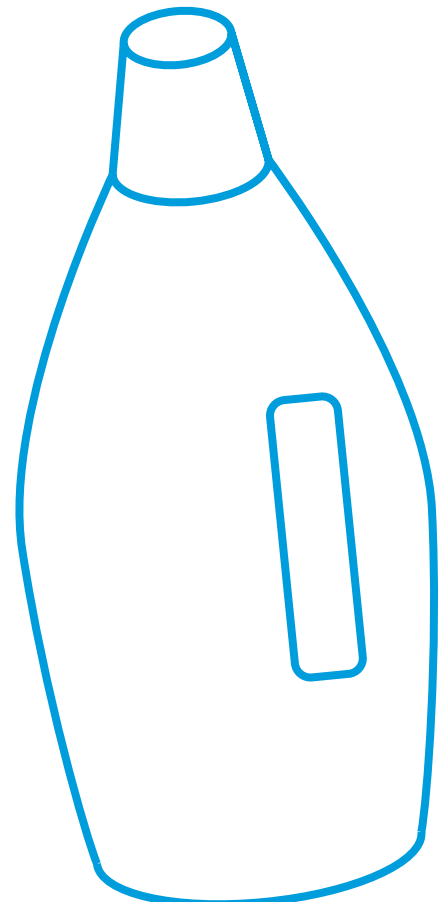
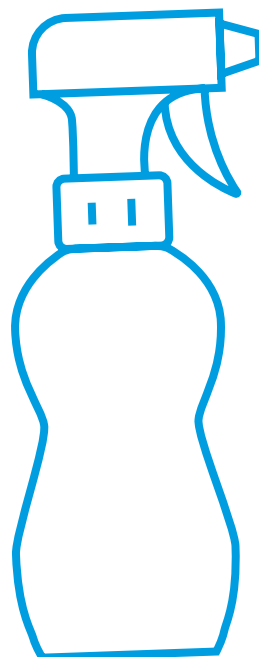
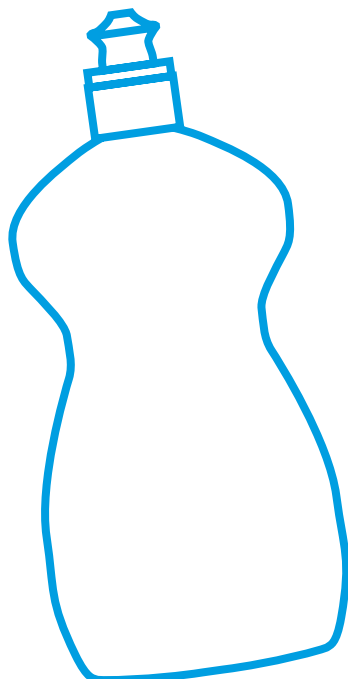
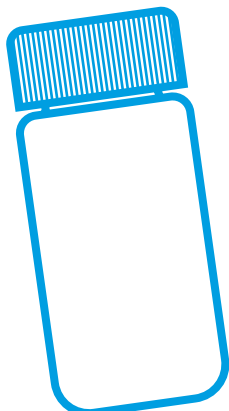
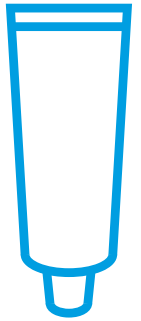
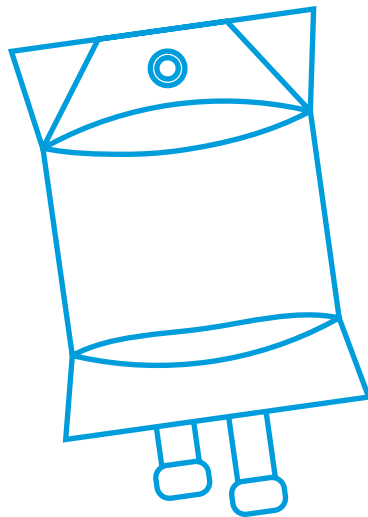
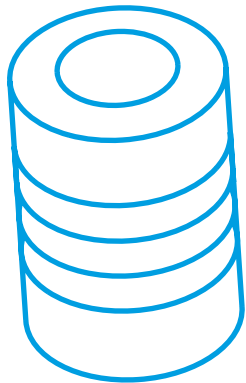
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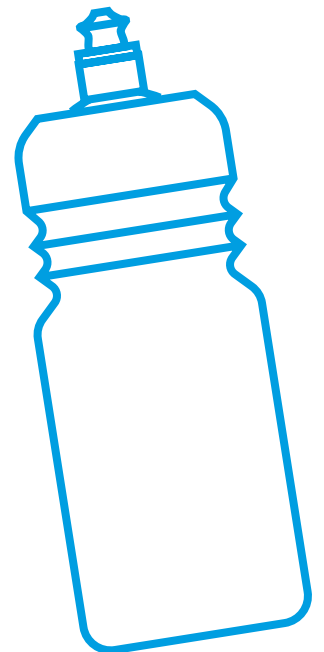
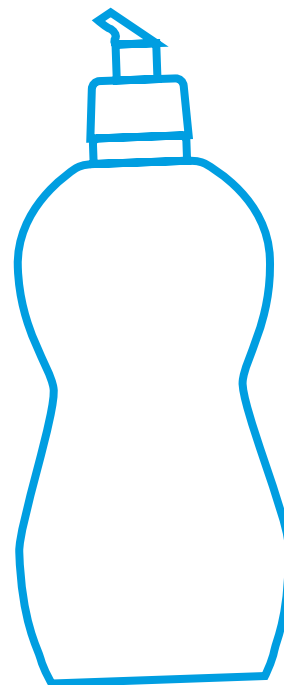
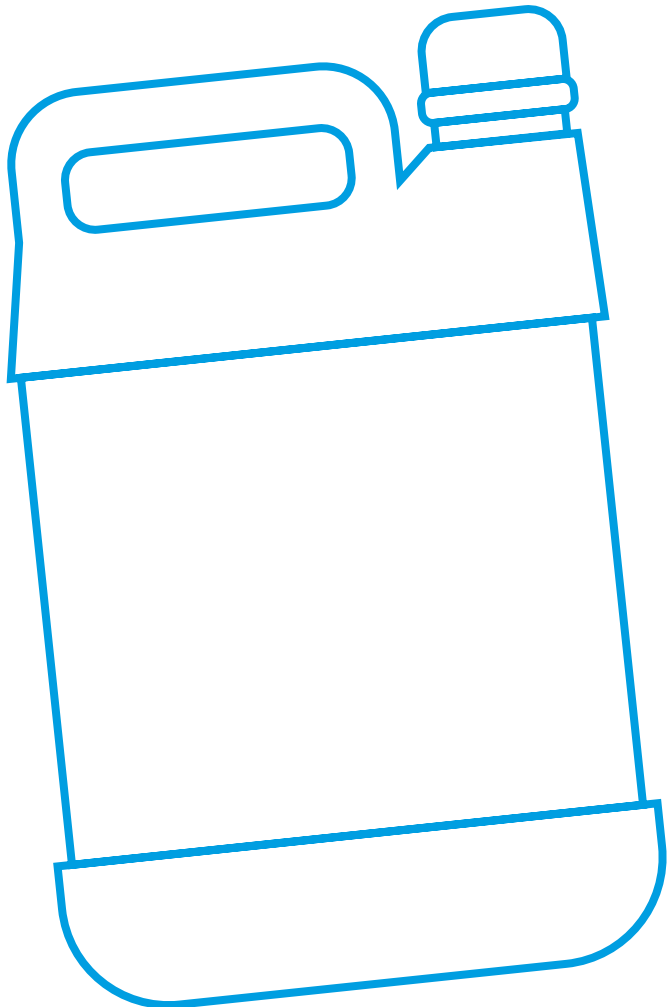
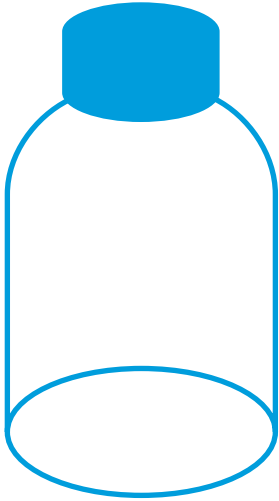
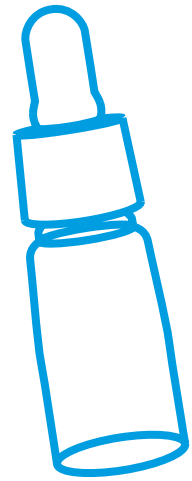
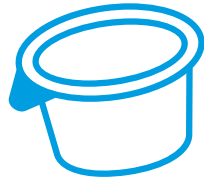
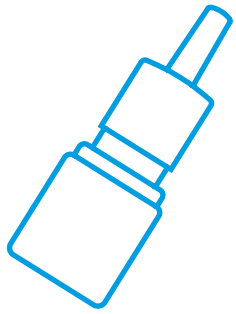
**Output:** 45–90 strokes/min.



# Tubes, Cans, Pouches, Cups, Infusion Bottles, Vials ...

From world market leaders to start-ups,  
from global players to regional companies  
in the pharmaceutical, chemical, diagnostic,  
cosmetic and food industries... We at  
Wick-Machinery look forward to meeting  
you and your products!





WICK-Machinery

# The People at the Center. With Customized Machines.

We are a family business that has been there for you with enthusiasm and competence for more than 50 years. We combine tradition with innovation, knowledge with passion, and reliability with flexibility. Wick-Machinery creates unique machines and pushes filling technology to the highest level.

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