

YOUR NEXT GENERATION PROCESSES

From proven manual operations to fully integrated production systems



ABOUT US

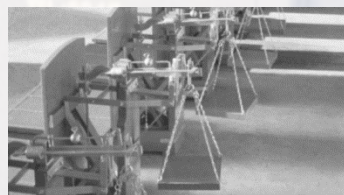
FRICKE® is your reliable partner for the development and production of **dosing and filling systems including software solutions.**

Our customized technologies ensure efficient production processes in **the perfume, flavors, and chemical industry.**

PRODUCT HISTORY

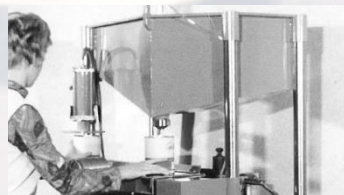
FROM WEIGHING TO PRECISE DOSING AND FILLING

1870



Decimal + Sack Filling
Scales

1967



Filling Systems

1980



Dosing Systems

1987



Software Solutions

2022



Digital Transformation
Solutions

KEY FACTS



PROFILE

- Management Board:
Bernd Fricke / CEO
Lars George / CFO
Mario Markmann / CTO
- Employees: 120
- Headquarters and production in Minden, Germany



FOUNDED

- Inventiveness since **1870**
- In **5th** generation



MILESTONES

- 1st Filling System in 1967
- 1st Dosing System in 1980
- 1st Dosing Software in 1987



GLOBAL COMPETENCE

- Worldwide use of FRICKE® Technologies with 24/7 allround support



QUALITY FACTOR

- More than 1,000 filling and 500 dosing systems in operation worldwide
- Patented technologies
- **ISO 9001** and **AEO** certified
- German Brand Award 2022



CORE COMEPETENCES

TECHNOLOGY

- Dosing Systems
- Filling Systems

ENGINEERING

- Customized Planning
- Plant Engineering
- Raw Materials Warehouse
- Tank Storage

SOFTWARE DEVELOPMENT

- Production Control
- Manual Dosing

SUPPORT

- Installations and commissioning
- Spare parts service
- Repair works
- Maintenance contracts
- Telephone / online support

YOUR BENEFITS

FRICKE® combines engineering know-how in plant construction with IT competence in software development.

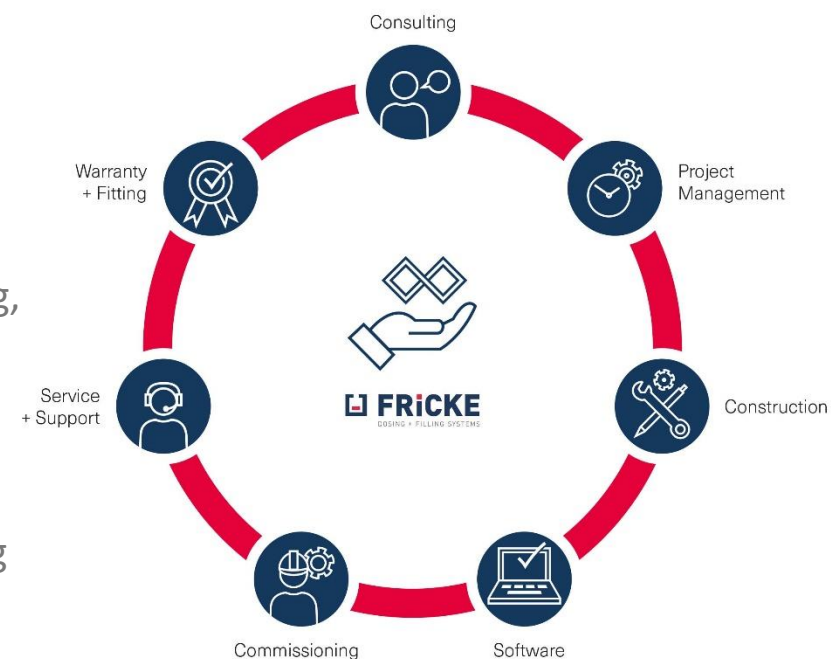
As a result, our plants achieve a **unique overall performance**: highly efficient, precise and transparent in every step of the process.



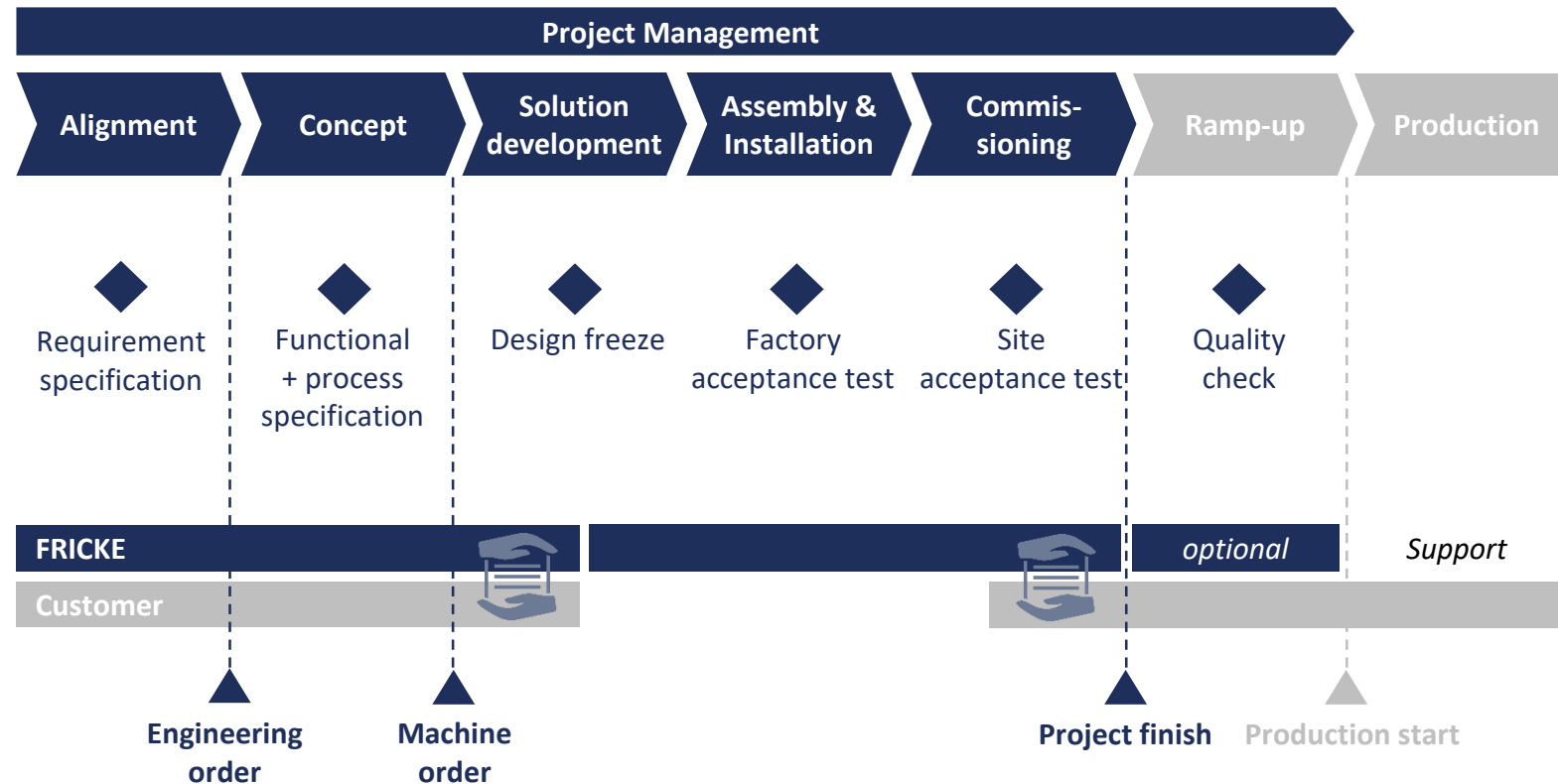
ALL FROM ONE

FRICKE® provides everything from a single source!
The individual consulting, project management,
construction, software development, commissioning,
service + support as well as warranty + fitting
- **we support you!**

Efficiently organizing your production is important
to us. We provide the right service while considering
safety requirements.



With agile project management methods, **FRICKE®** increases the performance of its customers and achieves optimal results.

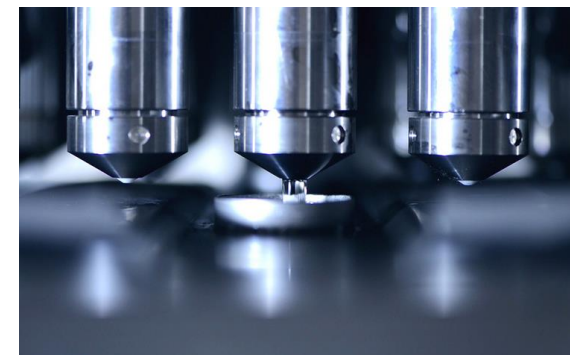
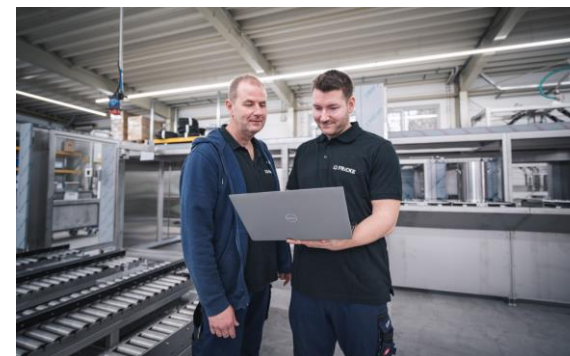


DOSING Technology

FRICKE® Technologies impress customers worldwide, wherever the highest demands for quality, precision, and reproducibility of recipes are required.




















Our dosing systems are the optimal solution for efficient production, ranging from laboratory dosing systems for sample production to production systems for large components. The control software developed by us ensures optimal system performance.

Learn more: [Dosing Technology](#)



PRODUCT PORTFOLIO Dosing Systems



	Small 	Medium 	Large 
Software	<div>Manufacturing Execution System (FRICKE® BMS)</div>	<div>Business Intelligence System (FRICKE® BIS) Manufacturing Execution System (FRICKE® BMS)</div>	<div>Business Intelligence System (FRICKE® BIS) Manufacturing Execution System (FRICKE® BMS)</div>
Laboratory	<div>Manuel Dosing System (MDS) DFL XL</div>	<div>DFL Concordia I</div>	<div>Concordia I Dosing Star</div>
Production	<div>Duplex Semi-automatic Dosing Systems (SDS)</div>	<div>Concordia I - VI Cluster</div>	<div>Concordia I - VI Cluster Filling Cleaning</div>

FILLING TECHNOLOGY

FRICKE® filling systems are suitable for viscous and pasty liquids. Lacquers and paints, as well as adhesives, building materials, and food products, are filled on these systems.

Our systems are designed for maximum quality and economy with their compact design and simple operation. They are also suitable for potentially explosive areas in compliance with EU Directive 2014/34.

Learn more: [Filling Technology](#)



Above level



Below level



Semi-automatic

EFS 10



EFS 11



FFS 11



EFS 21



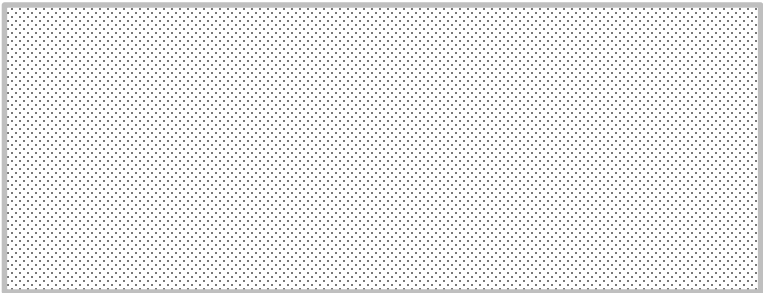
FFS 21



FFS 23



Automatic



AFS 22



AFS 25



CONTROL SOFTWARE

Carefully developed in-house software not only ensures the optimal performance of **FRICKE®** systems, but also guarantees efficient production for processes.

BMS

Batch Management
Software

MDS

Manual Dosing
Software

BIS

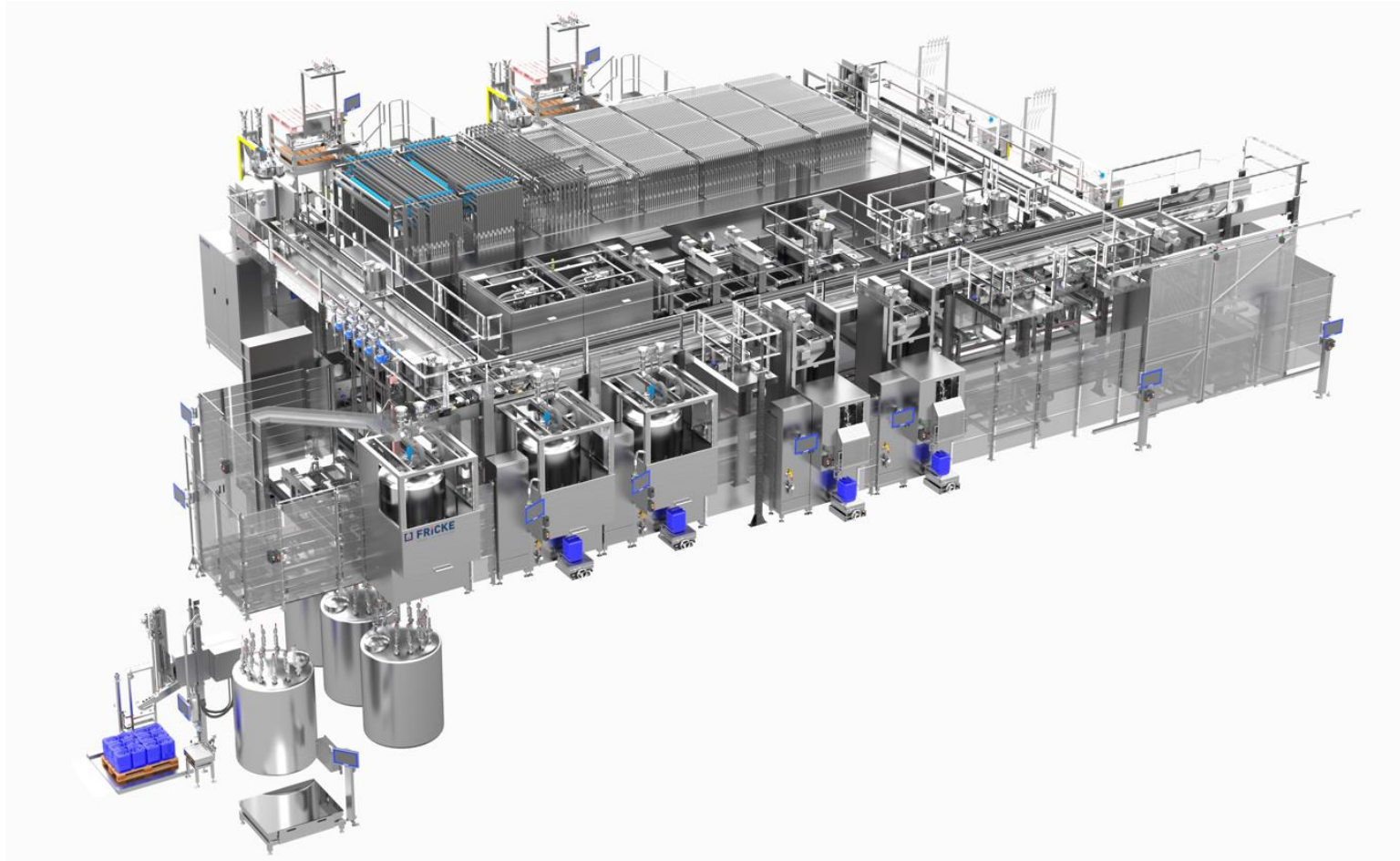
Business Intelligence
Solution



DIGITAL TRANSFORMATION

- More than plant construction: Over 50% of our added value lies in software development
- Individual analysis of customer processes for optimal system design
- Automated systems to increase productivity from small to large order volumes
- Fast and flexible adaptation to changed production requirements
- Customized solutions for needs-based automation





FRICKE®-Multiplex

- Innovative automation technology
- Increased efficiency and quality through intelligent process flow
- High flexibility, cost reduction, and shortened lead times for companies of any size

Learn more: [FRICKE®-Multiplex](#)



LET'S CONNECT www.frickedosing.com

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DOSING TECHNOLOGY

Laboratory dosing

- DFL
- Dosing Star
- Concordia I
- Manual dosing system (MDS)

Production dosing

- DFL XL
- Duplex
- Concordia I-VI
- Dosing cluster
- Semi-automatic dosing systems
- Powder dosing system
- Manual dosing system (MDS)

Powder dosing

- Dispensing in laboratory and small production

Raw material storage

- Stainless steel containers
- Pipework



DFL

- High accuracy dosing system for small to medium creative and sampling laboratories
- Perfect for creative samples and sample orders
- Modular and space saving laboratory systems
- For up to 2,000 dosing cycles per day

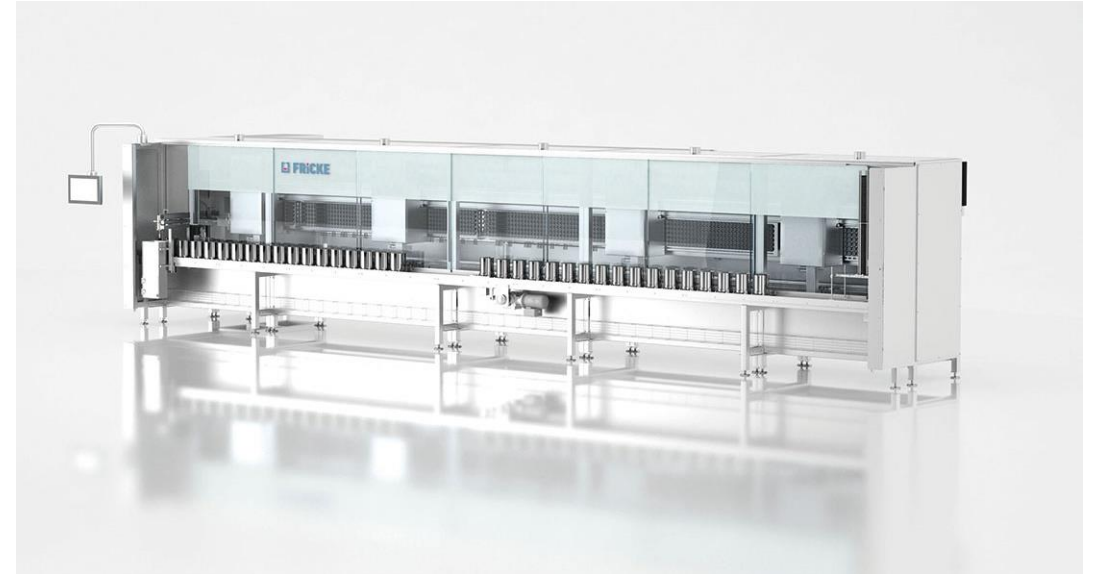
Learn more: [DFL](#)



Dosing Star

- Extremely high dosing accuracy with a maximum dosing speed
- Space saving modular design
- Each module is dispensing with its own scale

Learn more: [Dosing Star](#)



Concordia I

- Dosing systems for laboratory and small scale production mixes up to 5 kg batch size
- Up to 1,000 raw materials
- High speed to parallel dosing with up to 4 scales

Learn more: [Concordia I](#)



Duplex

- Fully automatic dosing system for individual dispenses from 0.5 g into batches up to 600 kg
- Extremely large weight range with two scale sizes
- High automation rate

Learn more: [Duplex](#)

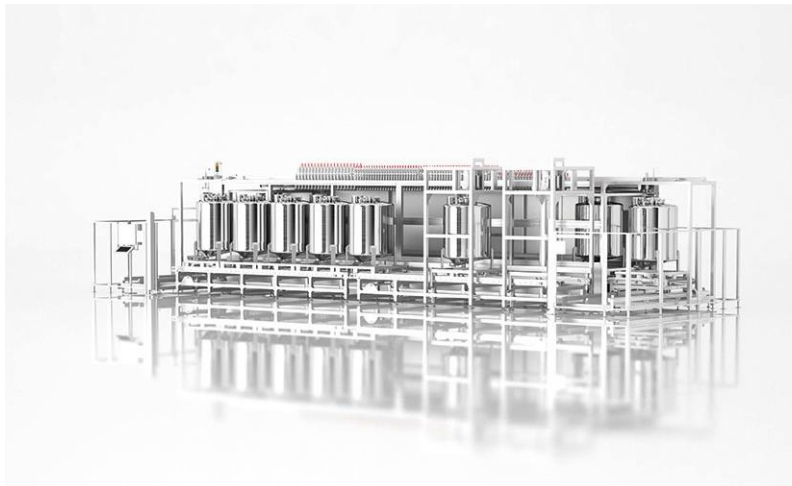


Concordia II – VI

- Customer specific solutions with different weight ranges for each machine type
- The smallest Concordia II can make automatic dispenses from 0.5 g
- The largest Concordia V can make batches up to 2,000 kg

Learn more:

[Concordia II - III](#) / [Concordia IV - V](#)





Dosing Cluster

- Compounding of large quantities for mixtures from 5 kg in mobile containers as well as the largest stationary tanks

Learn more: [Dosing Cluster](#)



Powder dosing systems

- Dosing technology for powder components

Learn more: [Powder dosing systems](#)

Manual dosing system

- Hardware-independent PC software
- Supply of complete manual dosing systems with explosion protection label according to directive 2014/34/EU



Learn more: [Manual dosing](#)



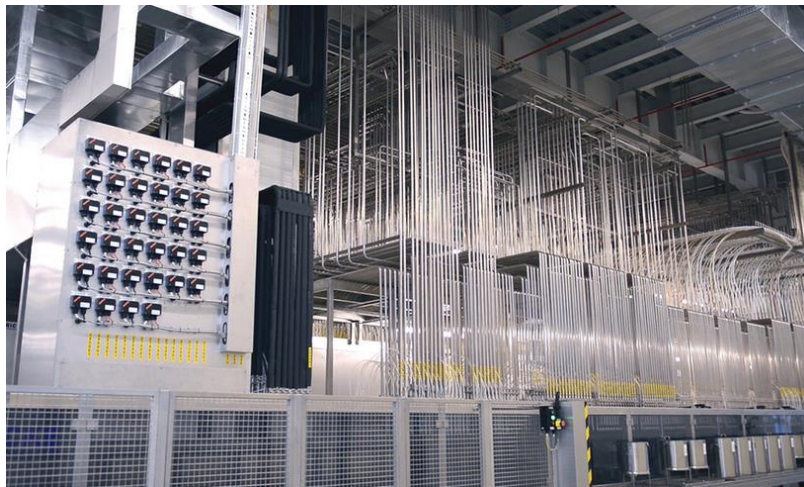


Raw material storage for all sizes:

- Avoid down-times (no transfer, cleaning of pumps)
- Ensure safe storage and easy handling
- Clear lot separation

Learn more: [Storage](#)

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FILLING TECHNOLOGY

Filling technology

- Semi-automatic
- Automatic

Machine design

- Above-level
- Below-level
- Below-bunghole

Packages

- Buckets, Pails, Hobbocks
- Jerry Cans (Canister)
- Drums
- IBC-Container

Add-on modules

- Closing systems
- Labeling systems



EFS 10

- Above level filling station with electronic weigher
- For viscous or pasty liquids, e.g. paints, dispersions, coatings or adhesives
- For container sizes from 100 g to 15 kg

Learn more: [EFS 10](#)

EFS 11

- Above level filling station with electronic weigher
- For viscous or pasty liquids, e.g. paints, dispersions, coatings or adhesives
- For container sizes from 1 kg to 60 kg

Learn more: [EFS 11](#)





EFS 21

- Below level filling station with electronic weigher
- For foaming, gassing or EX-products, e.g. cleaning and care products, solvents, chemical liquids, mineral oils or stains
- Easy handling, intuitive operation, space-saving design
- For container sizes from 1 kg to 60 kg
- Winner of the **Plus X Award**

Learn more: [EFS 21](#)





EFS 51

- Filling station with two different valves and electronic weigher
- For filling of viscous to pasty liquids (above level), e.g. paints, coatings, adhesives and of foaming, gassing or EX-products (below level), e.g. cleaning and care products, solvents, chemical liquids, mineral oils or stains
- For container sizes from 1 kg to 60 kg

Learn more: [EFS 51](#)



EFS 61

- Above level filling station with electronic weigher
- For precise filling of low viscous liquids, e.g. paints, coatings or dispersions
- For container sizes from 1 kg to 60 kg

Learn more: [EFS 61](#)





FFS 21

- Below level filling station with electronic weigher
- For foaming, gassing or EX-products, e.g. cleaning and care products, solvents, chemical liquids, mineral oils or stains
- For container sizes from 20 kg to 3,000 kg

Learn more: [FFS 21](#)



FFS 11

- Above level filling station with electronic weigher
- For filling of viscous to pasty liquids e.g. paints, coatings, dispersions or adhesives
- For container sizes from 20 kg to 3,000 kg

Learn more: [FFS 11](#)

FFS 20

- Below level filling station prepared for automatic bunghole detection with electronic weigher
- For foaming, gassing or EX-products, e.g. cleaning and care products, solvents, chemical liquids, mineral oils or stains
- For container sizes from 20 kg to 3,000 kg

Learn more: [FFS 20](#)





AFS 22

- Automatic below level filling system with electronic weigher
- With KS 500 cap wrench and one-side labeling
- For foaming, gassing or EX-products, e.g. cleaning and care products, solvents, chemical liquids, mineral oils or stains
- For container sizes from 2,5 kg to 40 kg

Learn more: [AFS 22](#)

AFS 25

- Automatic below level filling system with electronic weigher
- With automatic container rotary table and integrated screwing unit
- For foaming, gassing or EX-products, e.g. cleaning and care products, solvents, chemical liquids, mineral oils or stains
- For container sizes from 2,5 kg to 40 kg

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