



FILLING SYSTEM ELEMENTRA®

Meet the intuitive generation



ELEMENTRA® 29


ELEMENTRA® 29 for high-viscosity products

The servo technology of the ELEMENTRA® 29 (FEIGE e-Power) makes it possible to adapt the entire lifting process during filling to the respective product via control-related parameters.

Thanks to extensive peripherals, the semi-automatic system meets the special requirements of the filling products and the respective environment.

The new touch panel including the FEIGE web HMI offers an intuitive design for high operating comfort.

1 Electric lifting unit

- Servodrive 
- Automatic positioning when changing container
- Saving expensive energy (compressed air)
- Exhaust-free use also in clean rooms
- With-surface filling possible

2 Electric base height adjustment

- Automatic positioning when changing container
- Saving expensive energy (compressed air)
- Exhaust-free use also in clean rooms
- Ergonomic handling for the operator

3 Electrically driven drum roller conveyor

- Automatic drum positioning via light barrier
- All rollers with chains and gear motors driven
- Ergonomic further transport of filled drums

4 WEB HMI

- Alarm-related help texts with photos, videos and comment function
- Intuitive design for high operating comfort
- Improved usability increases the productivity of the personnel
- 15,6" multi touch screen
- Full HD display
- Comprehensive management of recipes and orders
- FDA-compliant user administration
- Logbook (optional)
- Web-based system

5 Fill level and status indication

- Interactive operation by means of LED stripes included in the control cabinet door, informing the operator of every machine status
- Weight-controlled fill level indication

6 Large control cabinet

- High flexibility due to standardized machine control
- Control up to five drive units

7 Stainless steel / acid protection coating

- Design elements at the control cabinet made of stainless steel with high-quality acid protection coating

8 With-surface filling

- The valve tip has a „thread-cutting“ effect, therefore suitable for high-viscosity or sticky filling products
- Continuous upward movement of the filling valve without breaking the product flow
- Upward movement with the product level without immersing or preceding



* Fig. includes special equipment

ELEMENTRA® 16

with additional scale base

The ELEMENTRA® 16 convinces with many relevant accessories from the FEIGE modular system and can be extended with conveyor systems or complementary product hose system. New features provide for even more accuracy and sustainability.

The new FEIGE web HMI with touch screen offers an intuitive design for high operating comfort. This FEIGE  equipment version is particularly efficient, with pneumatically driven components being designed electrically, thus saving cost-intensive compressed air.

FEIGE 
= Electric lifting unit

1 Base height adjustment

- With continuously adjustable base height adjustment for changing over to different container heights

2 Lifting unit

- Sturdy double-acting pneumatic actuator or servo motor with threaded spindle
- No compressed air or power supply – no lowering of valve (passive brake)
- Special design for aggressive products
- With-surface filling possible

3 Actuator for opening and closing the filling valve

- 2-stage push-type for coarse fill and adjustable fine fill
- Optionally, continuous adjustment
- Stainless steel quick-change holder of filling valve for quick replacement of the valve with lance

4 Fill level and status indication

- Interactive operation by means of LED display in the control box door
- Weight-controlled fill level indicator

5 Web HMI

- Alarm-related help texts with photos, videos and comment function
- Intuitive design
- Operation like a smartphone
- 15.6" multi-touch screen
- Full HD display
- Comprehensive management of recipes and orders
- FDA-compliant user administration
- Logbook (optional)
- Web-based system

6 Small containers

- Optional additional scale base for the filling of small containers

7 Filling modes

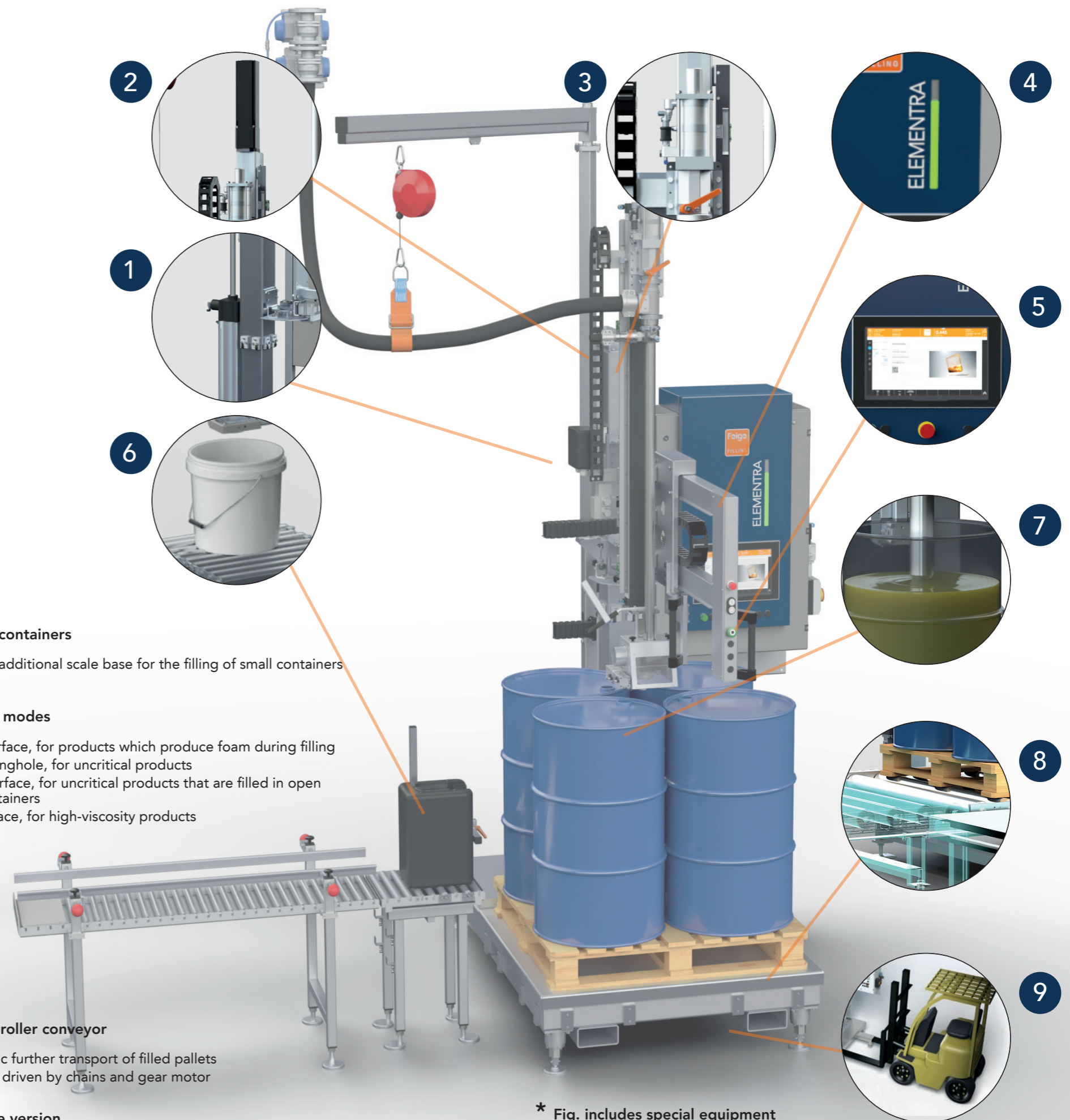
- Below-surface, for products which produce foam during filling
- Below-bunghole, for uncritical products
- Above-surface, for uncritical products that are filled in open head containers
- With-surface, for high-viscosity products

8 Pallet roller conveyor

- Ergonomic further transport of filled pallets
- All rollers driven by chains and gear motor

9 Mobile version

- High flexibility is ensured with the mobile version



ELEMENTRA® 24

The ELEMENTRA® 24 is the central component of a filling line. Various accessories combined with extensive conveyor systems help increasing its economy and efficiency.

The new FEIGE web HMI with touch screen offers an intuitive design for high operating comfort. This FEIGE **POWER** equipment version is particularly efficient, with pneumatically driven components being designed electrically, thus saving cost-intensive compressed air.

FEIGE **POWER**
= Electric base height adjustment and lifting unit

1 Lifting unit

- Sturdy double-acting pneumatic actuator or servo motor with threaded spindle
- No compressed air or power supply – no lowering of valve (passive brake)
- Special design for aggressive products
- With-surface filling possible

2 Base height adjustment

- With continuously adjustable base height adjustment via spindle and hand wheel or motor-driven for changing over to different container heights

3 Pneumatic actuator for opening and closing the filling valve

- 2-stage push-type for coarse fill and adjustable fine fill
- Stainless steel quick-change holder of filling valve for quick replacement of the valve with lance

4 Fill level and status indication

- Interactive operation by means of LED display in the control box door
- Weight-controlled fill level indicator

5 Web HMI

- Alarm-related help texts with photos, videos and comment function
- Intuitive design
- Operation like a smartphone
- 15.6" multi-touch screen
- Full HD display
- Comprehensive management of recipes and orders
- FDA-compliant user administration
- Logbook (optional)
- Web-based system

6 Large control box

- High flexibility due to machine control S7-1500
- Integrated pneumatic control

7 Stainless steel/acid protection coating

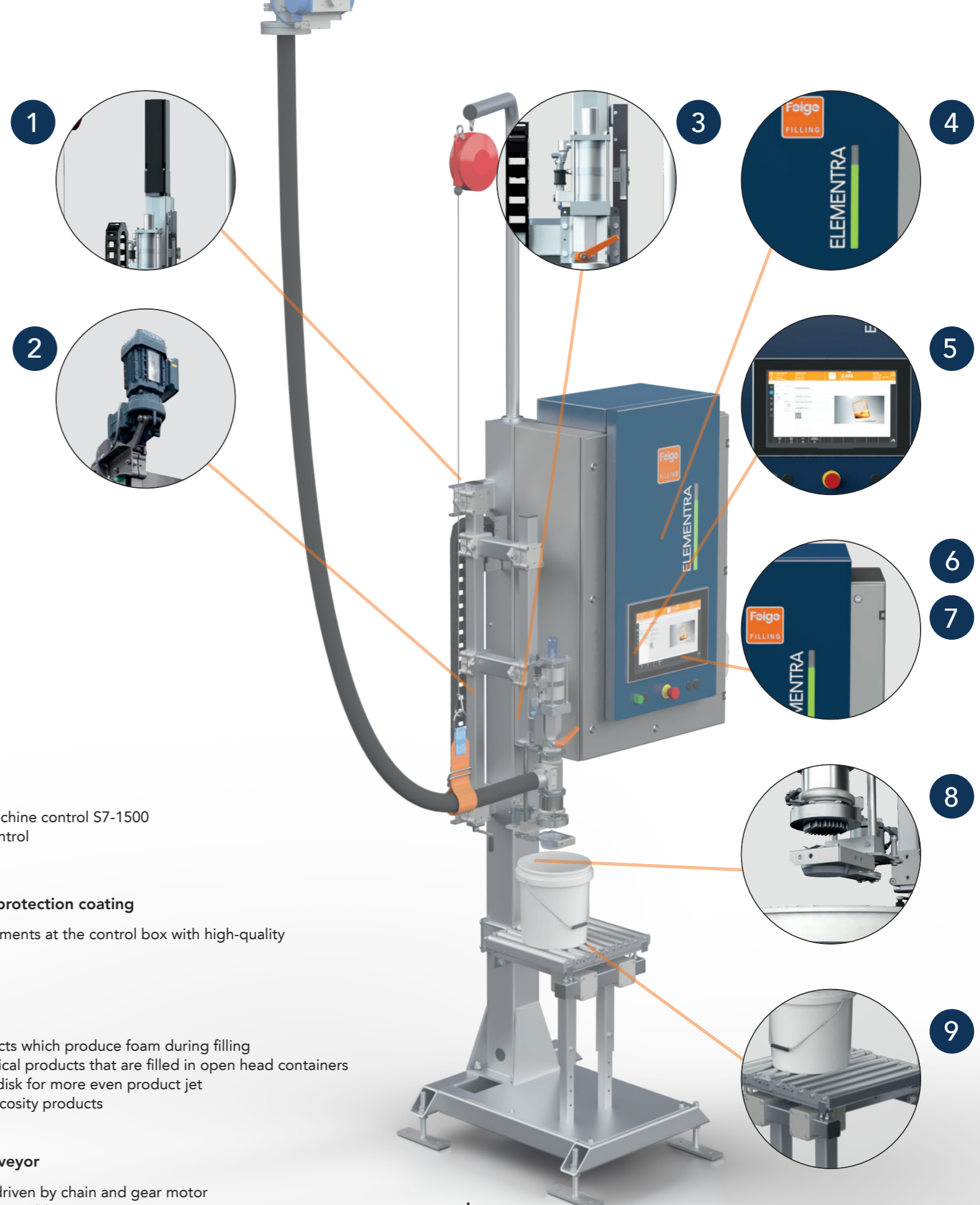
- Stainless steel design elements at the control box with high-quality acid protection coating

8 Filling modes

- Below-surface, for products which produce foam during filling
- Above-surface, for uncritical products that are filled in open head containers
- Optionally, with diffuser disk for more even product jet
- With-surface, for high-viscosity products

9 Container roller conveyor

- Non driven or all rollers driven by chain and gear motor
- Ergonomic further transport of filled pails



* Fig. includes special equipment

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STAND HALLE 12/A27

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