Feige FILLING

A HAVER & BOECKER BRAND

FILLING SYSTEM ELEMENTRA®

Intuitive intelligence

ePOWER



Together for Efficient Filling

– with the FEIGE semi automatic fillers ELEMENTRA

At Feige FILLING, we understand what truly matters in industrial filling technology: precision, reliability, and flexibility. Our ELEMENTRA series of semi automatic filling machines is designed to meet these demands across applications and industries.

Whether filling canisters, pails, drums, or IBCs, our preconfigured solutions ensure a fast production start, reduced planning effort, and a clearly measurable return on investment.

Thanks to a modular system design and innovative web based HMI technology, operation is kept as simple as possible intuitive, efficient, and future ready. At the same time, ELEMENTRA stands out with robust engineering built to perform reliably even in demanding continuous operation.

With our optional ePower configuration, we go one step further, offering a fully compressed air free solution that delivers exceptional energy efficiency.

Discover the full range of our ELEMENTRA models and take your filling processes to the next level together with us.

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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 e-POWER
- 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 POWER equipment version is particularly efficient, with pneumatically driven components being designed electrically, thus saving cost-intensive compressed air.

FEIGE POWER
= 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

* Fig. includes special equipment

ELEMENTRA® 17

The ELEMENTRA® 17 can be combined with pallet roller conveyors or carrying chain conveyors to make job processing even faster. Manual offset screwdriver and spring balancer are helpful additions to further accelerate the process. 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 ePOWER equipment version is particularly efficient, with pneumatically driven components being designed electrically, thus saving cost-intensive compressed air.

FEIGE ePOWER
= 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 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
- Below-bunghole, for uncritical products
- Above-surface, for uncritical products that are filled in open head containers
- With-surface, for high-viscosity products

9 Pallet roller conveyor

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

10 Different containers

* Fig. includes special equipment

ELEMENTRA® 26

Thanks to extensive peripherals, the ELEMENTRA® 26 meets the special requirements of the filling products and the respective environment. New features provide for even more accuracy and sustainability.

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

FEIGE ePOWER
= 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 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

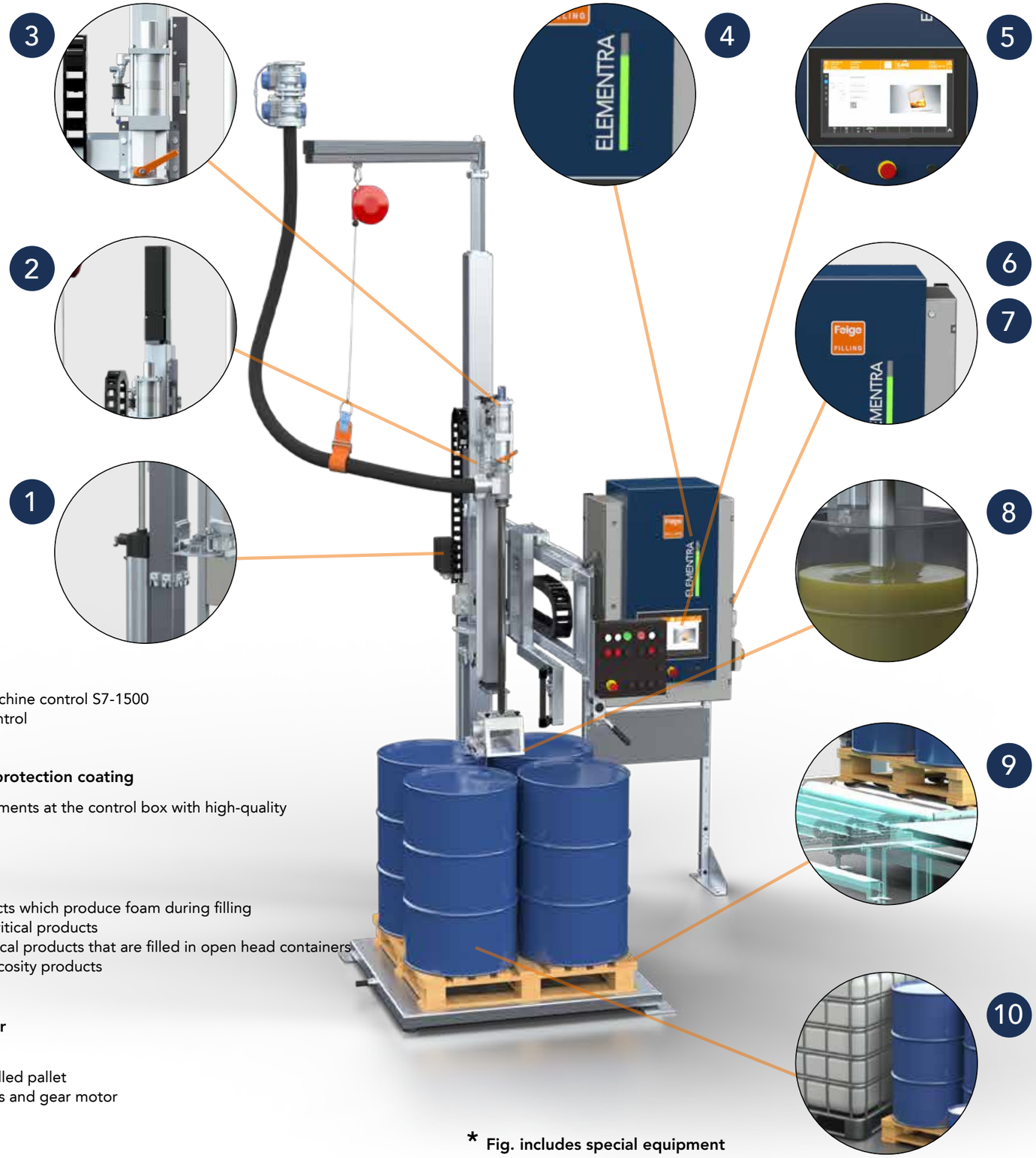
8 Filling modes

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

9 Pallet roller conveyor

- Driven
- Ergonomic transport of filled pallet
- All rollers driven by chains and gear motor

10 Different containers



* Fig. includes special equipment

ELEMENTRA® 28

Thanks to extensive peripherals, the ELEMENTRA® 28 meets the special requirements of the filling products and the respective environment. 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 ePOWER equipment version is particularly efficient, with pneumatically driven components being designed electrically, thus saving cost-intensive compressed air.

FEIGE ePOWER
= 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

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 Large control box

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

7 Stainless steel/acid protection coating

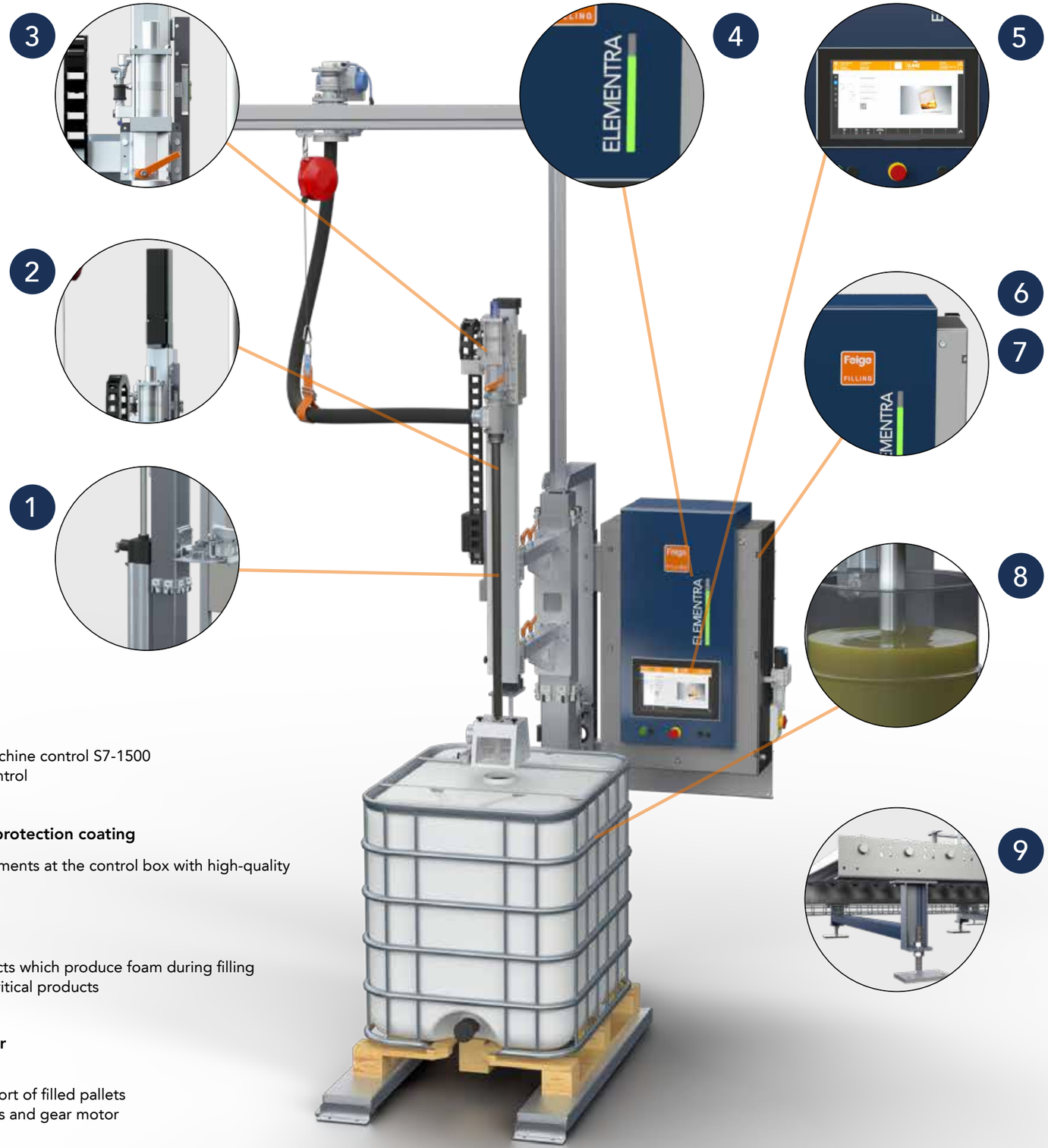
- Stainless steel design elements at the control box with high-quality acid protection coating

8 Filling modes

- Below-surface, for products which produce foam during filling
- Below-bunghole, for uncritical products

9 Pallet roller conveyor

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



* Fig. includes special equipment

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 ePOWER equipment version is particularly efficient, with pneumatically driven components being designed electrically, thus saving cost-intensive compressed air.

FEIGE ePOWER
= 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

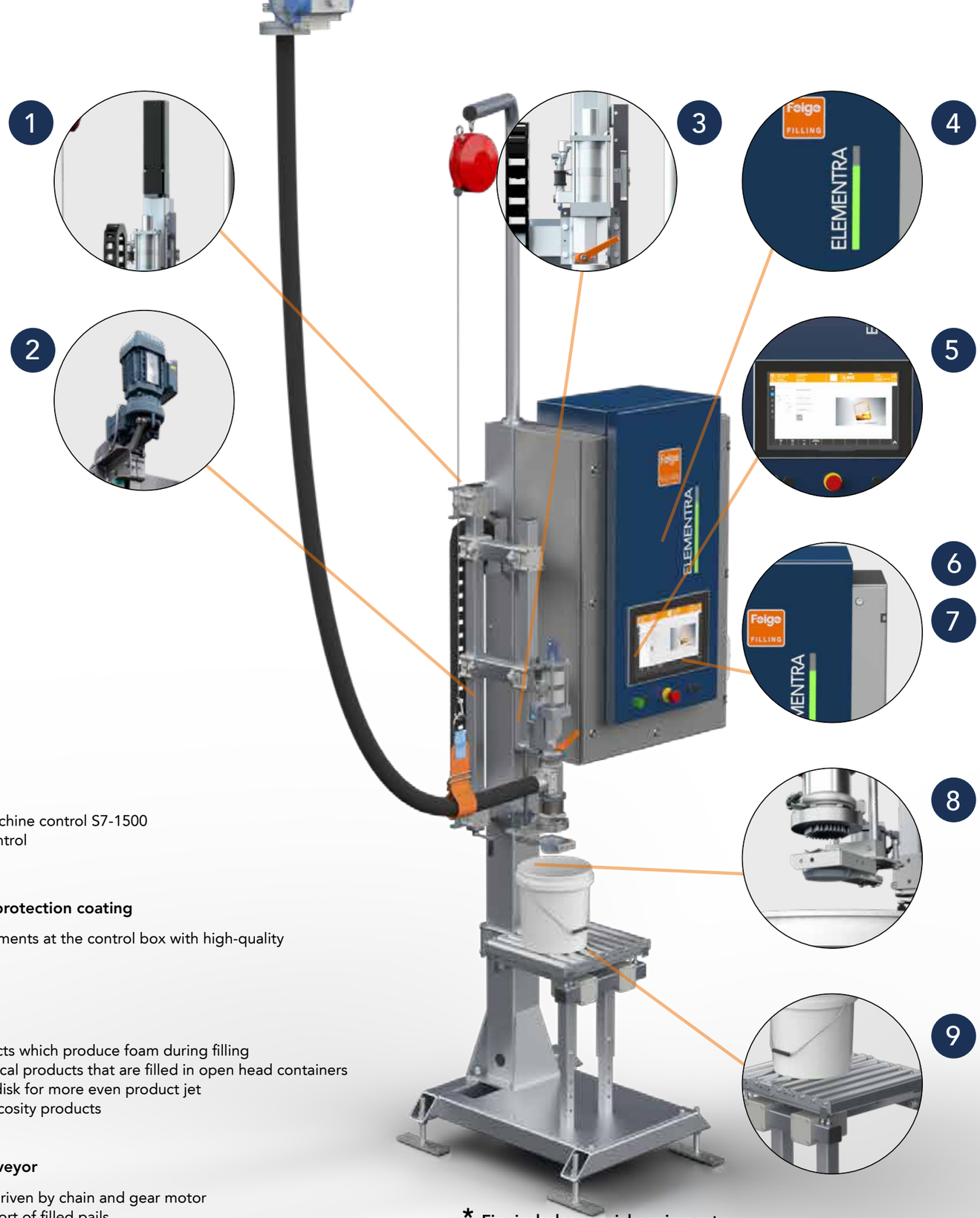
- Stainless steel design elements at the control box with high-quality acid protection coating

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

FILLING ENGINE OIL

5W-40 | for diesel and gasoline engines

fully synthetic motor oil

ELEMENTRA® 25

Thanks to extensive peripherals, the ELEMENTRA® 25 meets the special requirements of the filling products and the respective environment. 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 ePOWER equipment version is particularly efficient, with pneumatically driven components being designed electrically, thus saving cost-intensive compressed air.

FEIGE ePOWER
= 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

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
- Below-bunghole, for uncritical products

9 Container roller conveyor

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



* Fig. includes special equipment

ELEMENTRA – strong in performance. Reliable in service.

FEIGE Service – because reliability is part of the solution

- There for you worldwide – fast, reliable, personal
- Direct support when it matters most – also remote
- Original spare parts you can always rely on
- Long-term support – today, tomorrow and for decades to come
- Maximum availability for your processes and your investment

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