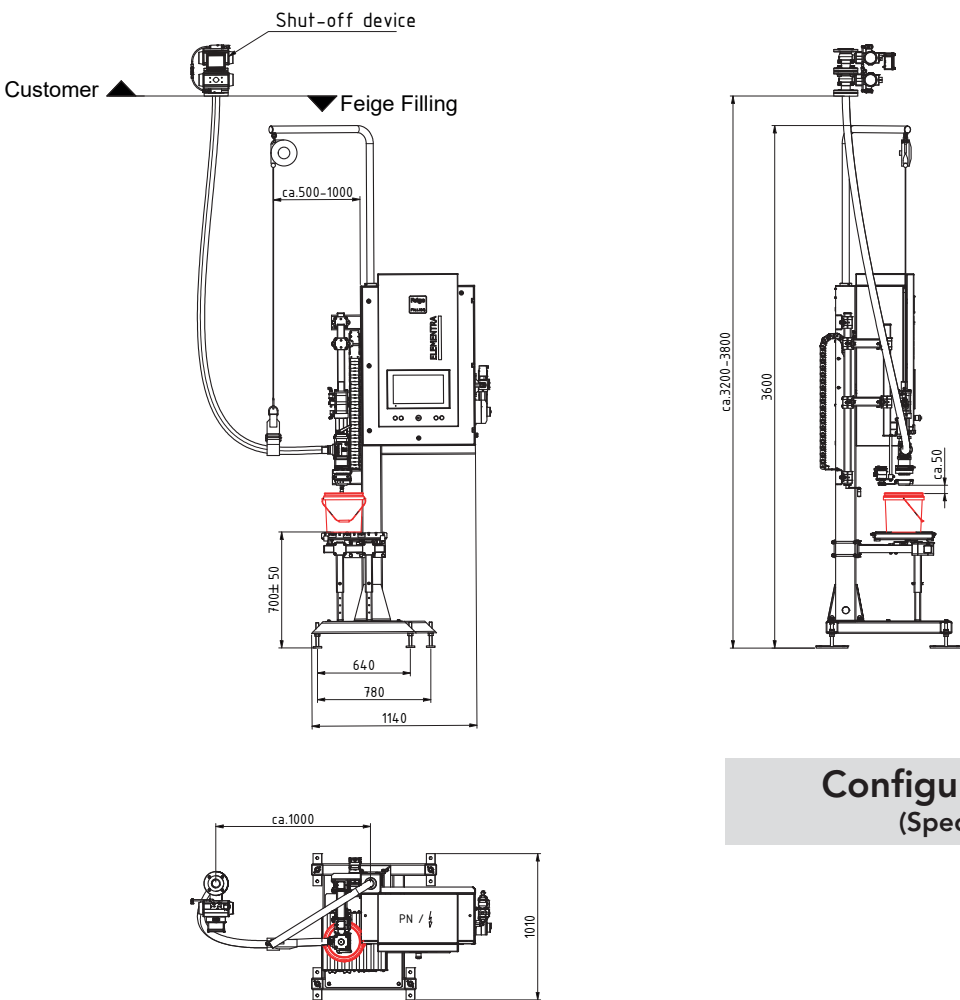


VERSION



Configuration example  
(Specifications in mm)

TECHNICAL DATA

Power supply and Performance data	Degree of protection	IP55
	ATEX marking	Ex II 2G Ex h IIB T3 Gb
		230V or 3 ~ 400V, 50Hz
	Basic machine	0.5 kVA
	Electric lifting unit	0.75 kVA
Air pressure:	Motor-driven base height adjustment	0.25 kVA
Air consumption	Pneumatic lifting unit	5 bar g dynamic
	Electric lifting unit	30 standard litres/pail for below-surface filling
		2 standard litres/pail for below- and with-surface filling
Ambient temperature		2 standard litres/pail for above-surface filling
Product temperature		+5 to + 35°C, optional 0 to 55°C with heating and air conditioning unit
Nominal output		0 to 130°C
Weighing ranges approved for verification		up to 400 pails/h depending on product flow
		0.5 to 6 kg - increment 0.002 kg, to 15 kg - increment 0.005 kg
		2.5 to 15 kg - increment 0.005 kg, to 30 kg - increment 0.01 kg
		10 to 30 kg - increment 0.01 kg, to 60 kg - increment 0.02 kg
		0.5 to 6 kg - increment 0.002 kg, to 15 kg - increment 0.005 kg
Weight		to 30 kg - increment 0.01 kg
Product connection		2.5 to 15 kg - increment 0.005 kg, to 30 kg - increment 0.01 kg
External control	Dry contacts	to 60 kg - increment 0.02 kg
	Analogue signal	Approx. 300 kg, according to version
		Feige square flange, wide range of product hose selection
		2 (coarse/fine)
		4-20mA (for product pump or pilot valve)

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PAIL FILLING EQUIPMENT ELEMENTRA<sup>®</sup> 24



# 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

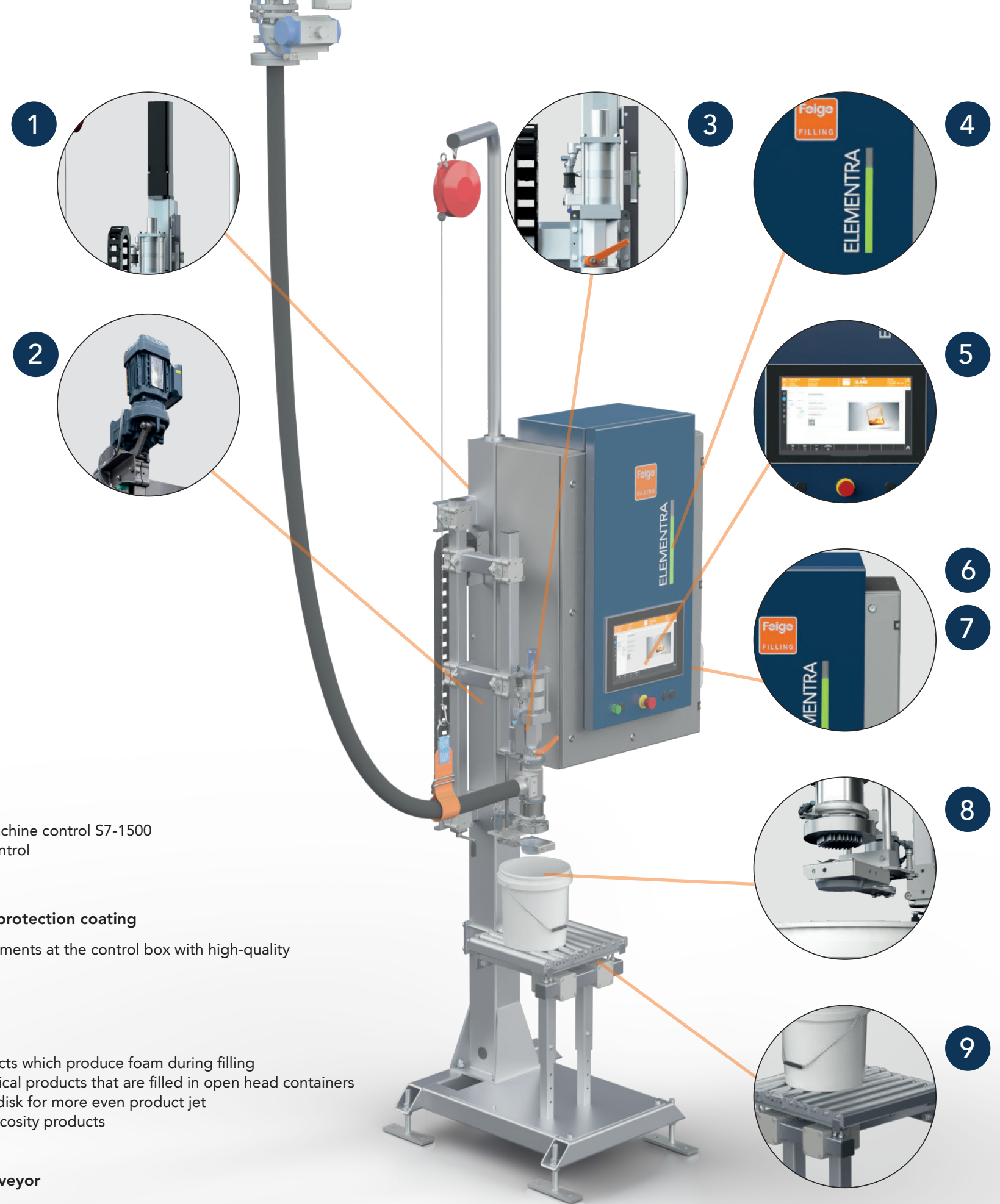
- Stainless steel design elements at the control box with high-quality acid protection coating

## 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