



TWIN II

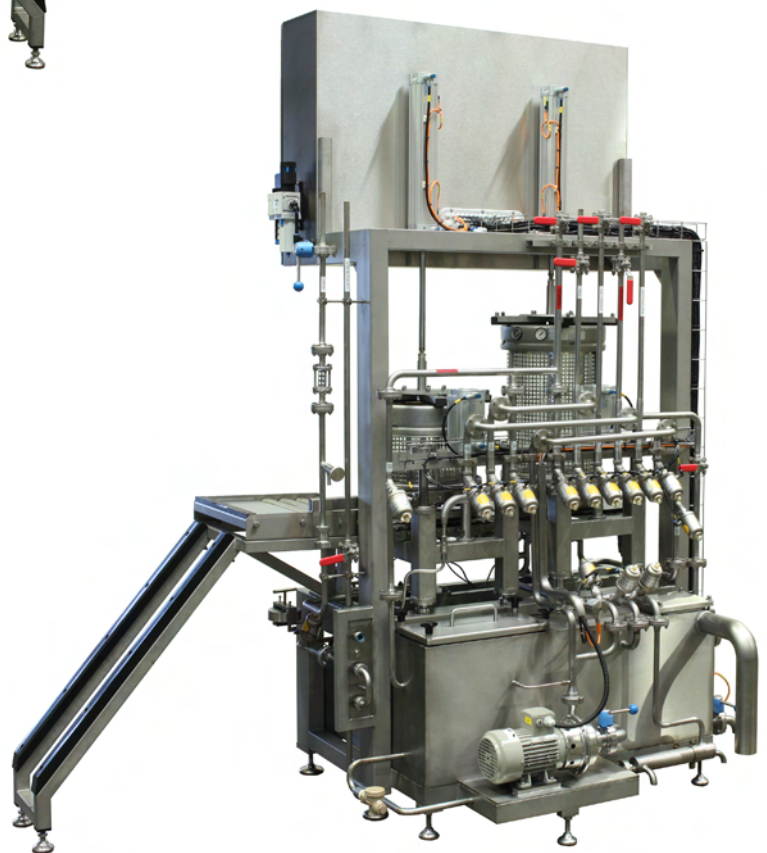
Cleaning and Filling

Made in Germany



- User-friendly design
- Safe 2-hand operation
- Siemens OP with display and backlight illumination
- Festo pneumatic with manual start-up valve
- Keg-slider for ergonomic lower to pallet height

- Good accessibility of all components
- Hygienic pump
- Caustic and acid resistant sealings
- Complete internal piping
- Stop-valves for all media



TWIN II

Cleaning and Filling

Made in Germany

Description

The TWIN II is a semi-automatic keg cleaning and filling machine. The machine consists of a stainless steel (1.4301) frame with bead-blasted surface positioned on four levelling feet. The treatment heads are the same as those used on our large automatic machines, combining compact design with large flow cross sections for high liquid flow rates. Stainless steel pneumatic valves with position indicators ensure safe operation and the early detection of any leaks.

The seal and gasket materials used in the machine have been selected to allow the use of alkaline and acid cleaning agents.

Ergonomics

To make work easier for the operator, the full keg is lowered on rollers after filling and can be pushed easily from the filling station to a waiting position. While the next keg is being filled, the keg can be turned and lowered onto the pallet via a keg slide, which is equipped with a plastic guide strip to prevent the keg from scratches. The machine is operated using a control panel and push buttons. The program is started safely by two-hand operation.

Features

- Automatic step indication
- Electronic probe monitoring and liquid control
- Keg opening monitoring functions on all stations
- Filling station temperature monitoring function
- Control air monitoring function
- Stainless steel electrical and pneumatic cabinets
- **Patented filling process**
- **Patented cleaning process**
- CIP program with selection function for:
 - Keg cleaning and filling
 - Keg cleaning
 - Beer pre- and post-run
 - Emptying of filling head
 - Steaming of filling head
 - CIP cleaning from customer's CIP system or as agreed

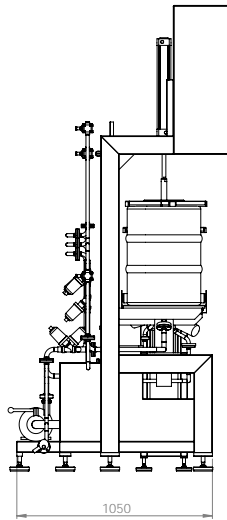
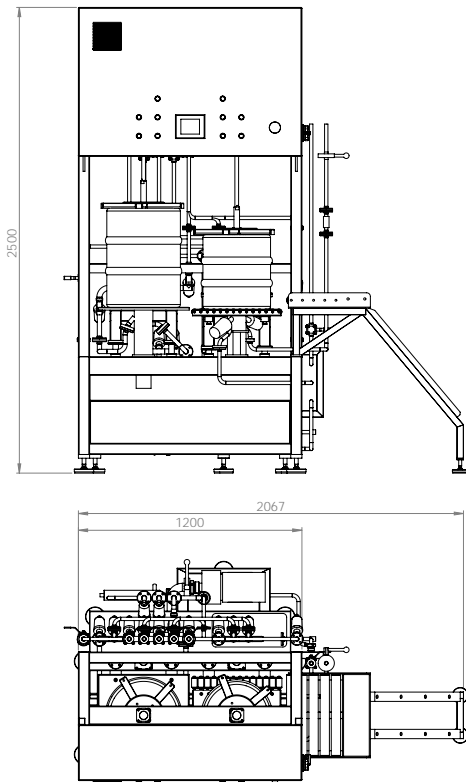
Optional equipment: electrical tank heating

TWIN II

Cleaning and Filling

Made in Germany

Machine record card



Specifications

Capacity: 30 Kegs/h

Weight: 650 kg without tank filling
Tank capacity: 230 l total
Pump: 1,1 kW 3 bar, IP54

Control: Siemens S7
Pneumatic: Festo

Consumption data

Control air 5,5 - 10 bar:	3,5 Nm ³ /h
Sterile air 2 bar:	5,0 Nm ³ /h
Sterile air 5 - 7 bar:	0,5 Nm ³ /h
Pre-rinsing water, cold water:	0,3 m ³ /h
Hot water 2,5 bar:	0,3 m ³ /h
CO ₂ adjustable 1,5 - 4 bar:	0,3 kg/Keg
Caustic ca. 1,5% soluted:	ca. 60 ml/Keg
Steam ca. 2 bar:	0,25 kg/Keg
Steam heating-up:	ca. 15 kg

Connection data

Fume extraction*:	DN65
Drain:	DN50 with counterflow cooling
Control air:	IG 1/2" ca. 6 bar to pressure reducer
Sterile air:	DN15 adjustable, 2 bar
Saturated steam:	DN15 ca. 2 bar
Hot water:	DN15 2,5 - 3 bar, 80°C
Cold water:	DN15 2,5 - 3 bar
CO ₂ :	DN15 adjustable, ca. 2,5 bar
Product:	DN20 min. 2 bar, -1 - 6°C
CIP-backflow:	DN15
Heating steam:	DN15
Condensate:	IG 1/2"

* Overflow

TWIN II

Cleaning & Filling

Made in Germany