

# 1\_INNOKEG TRANSOMAT 3/1, 5/1, 6/1

CLEANING AND FILLING TECHNOLOGY FOR STANDARD KEGS  
IN THE MEDIUM-CAPACITY RANGE (UP TO 800 KEG/H)

KEG PROCESSING



## Requirements and Solutions

Cleaning and filling machine for the highest of standards - for filling beer, wine, soft drinks, water and juices.

As a stand-alone machine or for integration into automatic keg lines for the medium- capacity range of up to 800 kegs/hr, whereby installation can be single- or dual-lane(Mono/Duo series) or in groups.

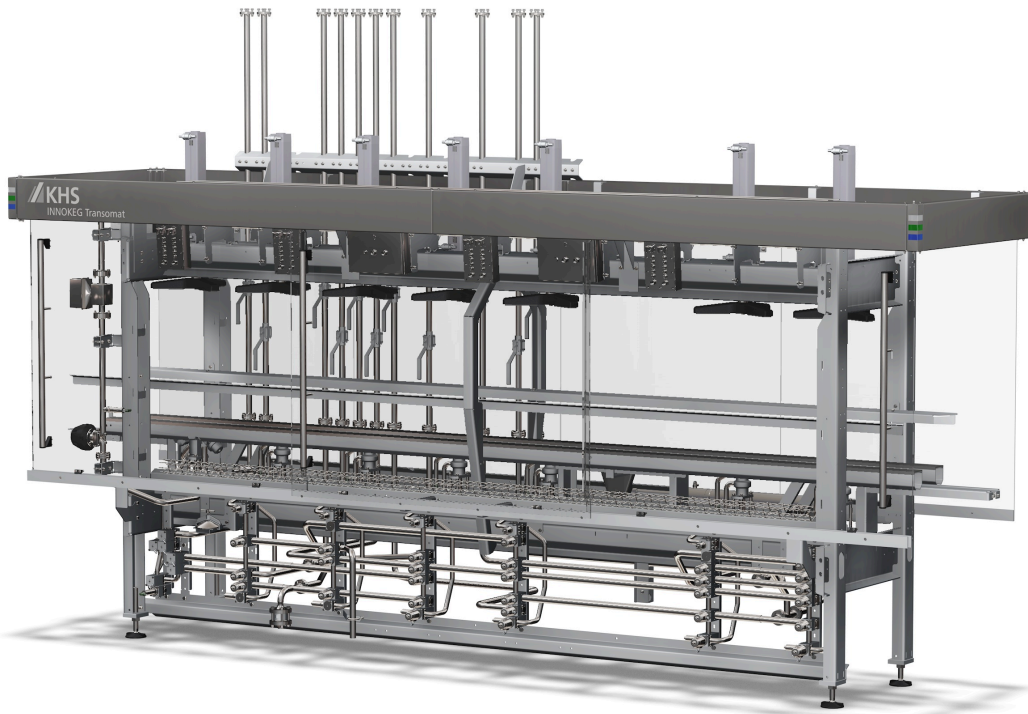
Constant further development, the use of the most modern and high-quality components as well as the utilization of experience from the construction, installation and maintenance of over 2,000 KHS keg lines worldwide characterize the Transomat series.

## Key Features

- The monitor control with simple operator prompting enables direct access to all machine components
- Valve control via bus technology
- Hygienic Design: The specially manufactured frame components are easy to clean and offer zero potential for microbiological contamination
- In the Duo design with space savings of up to 40%
- Available with internal tanks or for connection to an external tank system
- All energy- and media-conducting connections are installed on one side of the machine
- Filling of non-refillable containers optionally available (e.g. PETAINER Keg)

## Standard Equipment

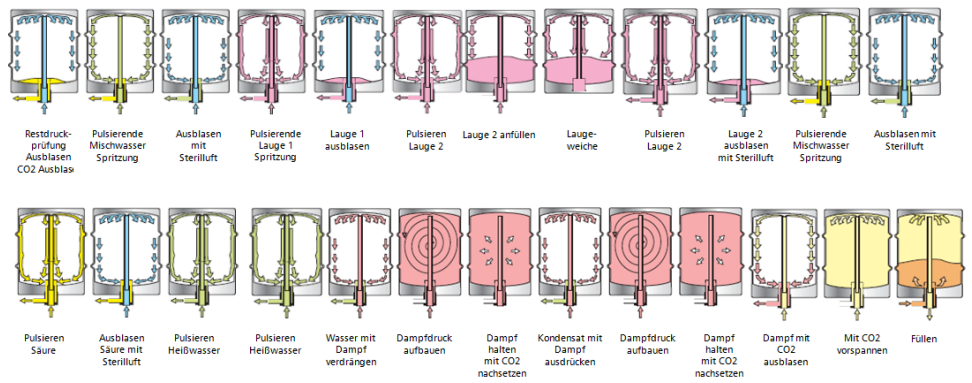
- This machine is manufactured completely from steel (1.4301 (304))
- Upto 6 active cleaning stations, a soaking station as well as a filling station
- Siemens S7 control
- Filling via 2-orifice control (TPOC) or DFC® for the best filling results
- Format parts available for all common keg types
- Macrolon glazing
- Pneumatic-driven lifting bar





**Benefits**

- Pulsating spraying guarantees optimum cleaning results
- The use of a decentralized control and bus system does away with the need for oversized control cabinets on the machines
- Faster filling, CO2 and product savings as well as minimum O2 pickup thanks to the KHS Direct Flow Control (DFC®) filling system
- High flexibility of use and short changeover times (e.g. thanks to format part changes with no tools required)



Die Abbildung stellt einen Beispiel-Prozessablauf eines Transomat 6/1 dar.

**Service**

- Service Worldwide service and fast spare parts supply
- Complete line design
- Turnkey projects worldwide
- Conversion, expansion and modernization of existing keg lines

**Options**

- Direct Flow Control (DFC®) - direct filling control in place of indirect return gas control
- VISUKEG - complete system and production data visualization
- Remote maintenance system (ReDis)
- Automatic cleaning agent redosage and conductometry
- Combi-head for automatic change from flat-type to well-type fitting (one-4-two)
- Additional format parts for processing special standard kegs (e.g. Smart Draft (R), Easy Draft (R), Keggy (R) or PETainer (R))

**Technical Data**

**Capacity Range**

55 to 800 Kegs/hr; up to 100 Keg/hr with 50 l Kegs and DFC per line; up to 8 lines as group

**Container Sizes**

Volumes: 7l to 58l (1/2 bbl)  
 Diameter: 239 mm to 425 mm  
 Height: 320 mm to 610 mm

**Machine data**

Dimensions: 3500/4500/5000 mm (3/1, 5/1, 6/1) x 1000 mm x 2600 mm (LxWxH)  
 Conveyor height: 1,000 mm  
 Weight: approx. 650-950kg (depends on type, without container)

**Noise Emissions**

<85dBA

**Power Supply**

400 V; 50 Hz EU / 460 V; 60 Hz USA

**Control**

Siemens S7 (optional Allen Bradley/Rockwell or Mitsubishi)

**Filling properties (beer with 50 l Keg and DFC)**

Filling accuracy: +/-0,19% (+/-0,09 l)  
 O2 pickup: 0,0 to 0,05 ppm  
 CO2 loss: 0,0 to 0.1 g/l