



Requirements and Solutions

Non-refillable container systems continue to be in demand in the beverage industry worldwide. This also applies increasingly to bulk containers for beer and soft drinks. The easy-to-operate and low-maintenance Innokeg PETBoy F2 filler is a semi-automatic filler for racking disposable PETAINER kegs and meets the market demand for an entry machine version for filling innovative one-way PET bulk containers.

Both racking heads operate independently thereby enabling a parallel and fast racking process. Keg infeed, pressure checking, fitting rinsing, purging the air contained in the kegs with CO₂, pressurization, racking, and keg lowering all run automatically in one process chain.

Key Features

- Plug & Produce principle: ready piped and wired
- Two independently operating racking heads
- Safety screen protects operators during the racking process
- Processible sizes range from 15 to 30 liters
- PETAINER kegs are hung in place manually and raised pneumatically at the treatment stations
- Hygienic design of the filling head with directly connected valves, gap-free, minimal mixing of media

Standard Equipment

- Machine is manufactured from steel (1.4301 (304))
- All necessary elements are on or in the machine
- IDM offers two volumetric filling systems
- Safety glass
- Fitting rinsing before and after racking
- Siemens S7 control/Allen Bradley/micro control





Advantages of the Innokeg PETBoy F2

- Fast, reliable filling of PETAINER Kegs
- Best product properties
- Complete ready-to-use machine: connection of media supplies is all that is required
- Easy to operate and maintain
- Versatile and space-saving – can be used anywhere

Advantages of the PETAINER Keg

- Innovative non-refillable PET system: no returning, storing, and washing of empty kegs
- Attractively priced: direct on-site stretch blow molding possible - production only on demand
- Lower cost of storage, logistics, and filling
- Best possible barrier characteristics: use of innovative Scavenger materials
- Minimum CO2 loss and lowest possible O2 pickup figures
- Consumer-friendly: lightweight, no returning and storing of empty kegs
- 15 to 40 liters and basket and flat fitting versions



Service

- Worldwide service and spare part supply
- Complete line design by KHS
- Turnkey projects worldwide
- Conversion, expansion, and modernization of existing keg lines

Options

- Basket fitting format part set
- Pusher discharge for convenient further processing
- Preparation of media
- Roller conveyor for discharging full kegs
- Process engineering (flash pasteurizing, CIP)

Technical Data

Capacity
40 - 60 PETAINER kegs per hour (depending on keg size and operator efficiency)
Keg dimensions
15, 20, 30-liter PETAINER-Kegs
Dimensions
2400 x 1100 x 1100 mm (H x W x L)
Weight
app. 300 kg
Filling accuracy
+/- 0.5%

PETAINER keg is a registered trademark of PETAINER Holdings UK Ltd.
 PETAINER kegs are distributed worldwide by KHS GmbH.

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