



Requirements and Solutions

Exceptionally compact, combined keg washing and racking machine with keg exterior and interior washing, racking, media supply, control, and conveyor integrated into one stainless steel base frame. Plug & Produce concept minimizes the time required for installation and commissioning. The modular design enables a large number of individual configuration and equipment options. Using high-quality and cutting-edge components coupled with the experience of the market leader in keg technology characterize the new CombiKeg product line.

Key Features

- Plug & Produce principle: ready piped and wired
- Integrated keg exterior and interior cleaning
- Kegs are cycled through the rotary treatment stations
- Hygienic design / excellent accessibility
- Control completely integrated into the machine
- Container format: can be loaded into a standard container
- Up to 5 media tanks with collective evacuation integrable into the machine frame

Standard Equipment

- Machine manufactured from steel (1.4301 (304))
- 5 active washing heads
- One racking head with DFC filling system
- Wrap-around glass panels
- Simatic S7 control
- ReDiS remote maintenance system
- Integrated control cabinet
- Internal infeed and discharge conveyor

Advantages

- Full-fledged keg line with minimum footprint
- Minimum amount of time required for installation and commissioning
- Configuration options for great utilization flexibility
- Tried and tested KHS keg technology for best possible racking and washing characteristics



2_INNOKEG COMBIKEG

COMPACT-DESIGN WASHING AND RACKING TECHNOLOGY
(UP TO 90 STANDARD KEG/H)

KEG PROCESSING



Service

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



Options

- Fitting pre-spray
- Two-station exterior washer with static non-woven filter and rotation station
- Additional brush station in the exterior washer
- Caustic spray on fitting and shoulder side
- Flexible adaptation to requirements:
 - Three or five active washing heads
- Automatic cleaning agent dosing and conductivity measurement
- Calibrated / uncalibrated flow metering
- Direct Flow Control (DFC)
- Integrated media preparation
- Allen Bradley controller and/or UL version
- Keg handling aid integrated
- Rotor in foam-resistant design
- Peripherals (weigher, turner, coder, keg conveying, and palletizing)
- 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

60 to 90 kegs per hour (depending on configuration option and keg size)
80 Keg per hour at 50 l Kegs with DFC

Keg dimensions

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

Machine data

Dimensions: 4,800 x 2,300 x 2,900 mm (L x W x H)
Conveyor height: 1,000 mm
Weight: app. 3,100 kg max. (maximum configuration, empty)

Noise emission

< 85 dB(A)

Electrical data

400 V; 50 Hz EU / 460 V; 60 Hz USA ; 4 - 6 KW (depending on configuration option)

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