

NM KEG - washers and KEG filling machines



NM KEG 30

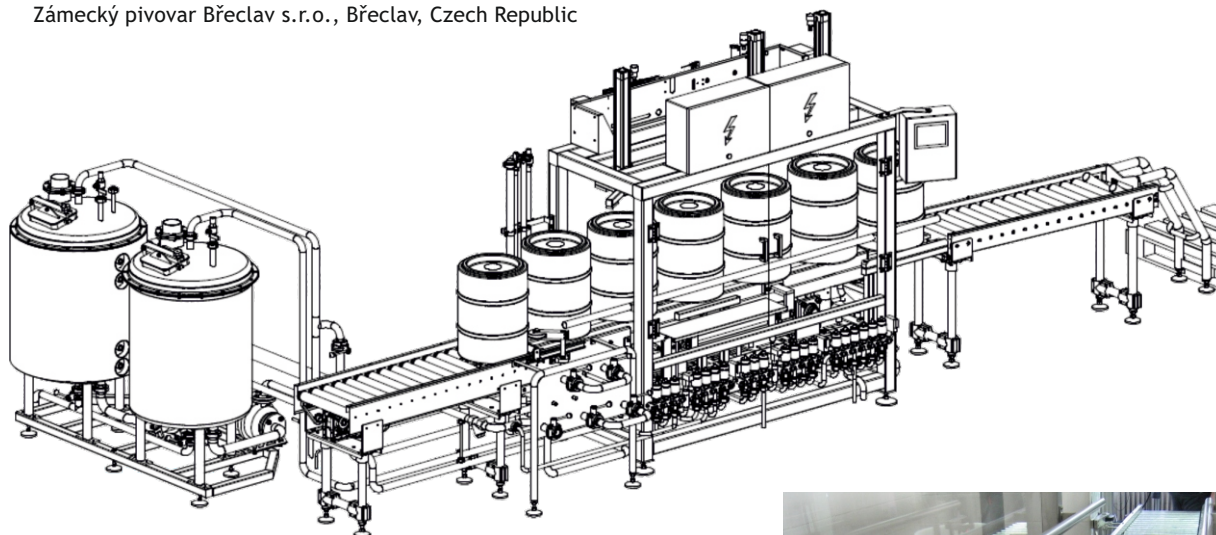
Zámecký pivovar Břeclav s.r.o., Břeclav, Czech Republic

UTILISATION

- washing commonly dirtied KEG barrels and subsequently filling them with alcoholic and non-alcoholic beverages

THE MAIN PARTS OF THE MACHINES

- washing station (number according to required performance output)
- station for holding the washing solution
- filling station
- valve blocks for each active position
- KEG pressure (above each active position)
- KEG transport
- interconnecting plate
- flow metre
- electric switchboard
- control panel



Machines of the NM KEG series are fully automatic and are produced in standard all-stainless-steel design.



barrel thrust



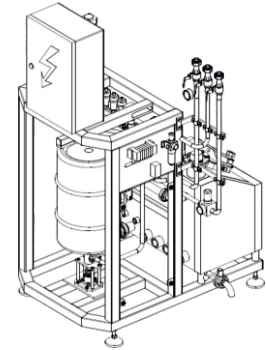
washing heads



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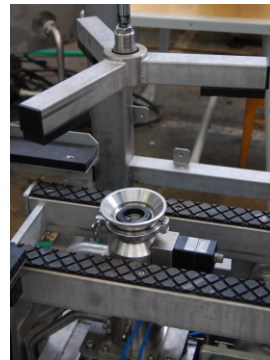
PERFORMANCE RANGE

Type	Performance		Type of machine
NM KEG 15	15	barrels per hour	semi-automatic
NM KEG 30	30		automatic
NM KEG 60	60		
NM KEG 120	120		



NM KEG 30

Staročeský pivovár, s.r.o., Dobruška, Czech Republic



SELECTED REFERENCES

- Templářské sklepy Čejkovice, Czech Republic
NM KEG 15
- Staročeský pivovár, s.r.o., Dobruška, Czech Republic
NM KEG 30
- "Berk Brewery", Ashgabad, Turkmenistan
NM KEG 60
- DE CJSC "Obolon" "Krasylivske", Krasyliv, Ukraine
NM KEG 60
- Pivovar Chotěboř s.r.o., Chotěboř, Czech Republic
NM KEG 60



The entire KEG washing and filling process is fully automatic and its functionality is verified by the evaluation of data of the DataKeg control device.

DESCRIPTION OF THE FUNCTION

- the entire washing and filling process is controlled using the SIEMENS SIMATIC S7 type programmable control system, which is installed in a stainless steel cabinet
- washing takes place in several steps:
 - 1) extruding leftover beverage from the KEG to the canal
 - 2) pulsating spray of mixed water
 - 3) pulsating spray of washing solution
 - 4) pulsating spray of hot water up to zero conductivity
 - 5) sterilization using steam
 - 6) keg blow through followed by CO2 pressurization
 - KEG filling is carried out with the help of a calibrated flow metre and is divided into several phases
 - great emphasis is placed on the sterility of this process, thus the sterilization of the filling head with steam before and after each KEG is filled
 - 7) washing fittings of the filled KEG with hot water
 - 8) spraying fittings of the filled KEG using a disinfectant