

Bottle cleaning machine from Gera. Revolutionary technique for superior function!

The bottle cleaning machines with the ARCADE GEL series are designed for the medium capacity range, from 12.000 to 45.000 bph.

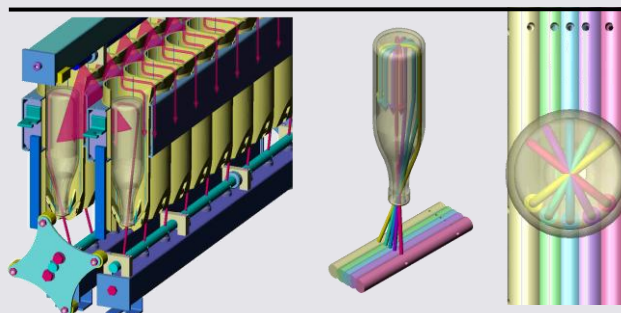
In their compact design they combine the configuration and features of our high capacity machines with low space requirement. Optimal sizing of all components guarantee on a long-term basis a high practical value.

The solid cost effectiveness was confirmed by institutes of repute and low lye migration.

With above features this machinetype fully meets the high economic and ecological demands of the beverage industry.



Bottle output with one-finger-system. The bottles are discharged from the cells without any fall! Pushing over with parallel continuous delivery table guarantees high stability.



The self-cleaning rotary spraying systems increases reliability and decreases maintenance costs!



Bottle insert with one-finger-system on a crank drive. By swivelling mounting of the fingers a wear resistant one-finger-disconnection is attained.

The structure fully consists of stainless steel, ensuring long life and low maintenance costs and reability.



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GEL_RV1_k_e



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**Bottle cleaning machine
ARCADE GEL .. RV1..**





Bottle cleaning machine ARCADE GEL.. RV1..

The bottle cleaning machine ARCADE GEL.. RV1.. includes among many other features the following standard characteristics in it's Standard version:

- machine casing: block machine (one-piece), water sections completely in stainless steel (see indication drawing)
- bottle insert with one-finger-system and one-finger power cut-off device
- residual draining with pulse cleaning and separate vapour suction
- heating by shell and tubes heat exchanger in CrNiMo-steel, with temperature control
- self-cleaning GM rotary tube inside spray section by oblique and straight spraying
- bottle discharge through one-finger-system with a fall of cero!
- protection covering at the bottle output, manually operated
- single shaft synchronized drives for main drive, infeed and outfeed - without chains, without cardan shafts!
- semi automatic head section cleansing / disinfection through disinfecting solution which is be prepared in the cold water basin
- switching cabinet made of stainless steel, mounted at the machine
- control with SIMATIC S7; indication of all temperatures and operating status at the front side panel
- telephone remote maintenance through modem
- automatic operation preparation, like filling and heating up the baths through timer

Optionally you may choose the following reliable additional equipments or special accessoires:

- machine housing in sector caustic 2 made of stainless steel
- machine housing completely in stainless steel
- insulation of the hot lye section including stainless steel cladding
- reinforced high pressure spraying pre soaking bath with automatically debris removal unit
- fully automatic machine inside cleaning of the water zones; pre-soak and lye 2 (CIP-system)
- fully automatic lye sedimentation system for increasing of lye life cycle
- automatic debris removal unit in the water zones
- external spray section with the self-cleaning GM rotating tube model
- hot bottle discharge for hot filling; fresh water warming and heat recovery by plate heat exchanger
- conductivity-controlled automatic caustic dosing with conductivity measurement
- conductivity-controlled dilution of the lye 2
- double pre-soak

The housing mass can be adapted according to the structural requirements:

- Housing width from 1,200 to 3,620 mm
- Screen line dimension 220 mm
- reflected and/or part-reflected execution possible

