

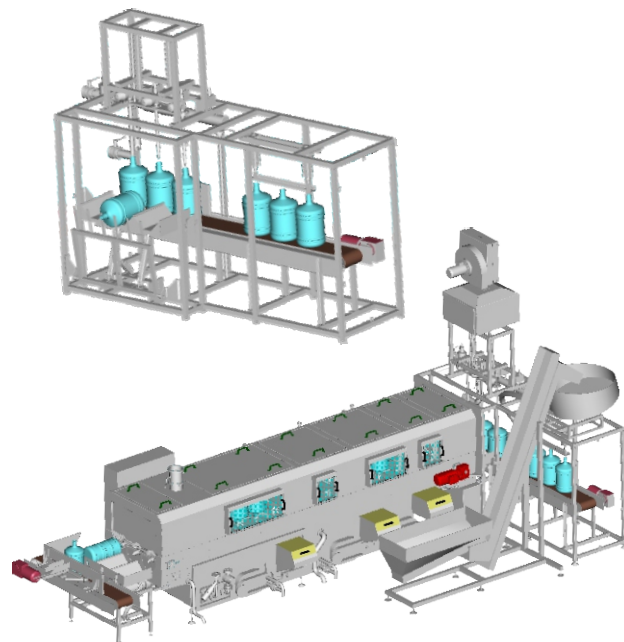
19 L BARREL WASHING AND FILLING - BARRELTRIBLOCK DIONA

SECTIONS

1. returnable container washing
2. barrel filling and closing
3. loading and removal of full barrels at the end of the line is carried out manually

WASHING PROCESS

- the washer washes the barrel in several sections
- water drip is followed by washing with an acid solution
- after inter-rinsing with water, disinfection, final washing with product water follows - this section is sanitizable within the circuit
- the barrel is turned around 180° after washing and placed under the filling needles - The required volume is measured out into it
- in order to ensure maximum cleanliness during bottle filling, the filling area is covered and filtered air is forced in
- the cap is placed and pushed and sealed after filling



DIONA 600
JSC „Obolon”, Kiev, Ukraine



- the bottle washer and filler drive is based on stepper principle
- the screen in the residue spilling section to retain solid impurities
- automatic operation of the machine with indication of fault conditions on the operator control panel
- continuous level measurement in all washing zone tanks
- filtering out impurities from washing solutions before entry to tubs
- additional cartridge filtration of washing solutions before entry to nozzles
- **potable water saving** - utilization of water from the final rinse in the inter-rinse section
- the final washing section - rinsing with product water - is sanitizable within the circuit
- accurate filling controlled by flow meters, aseptic diaphragm valves to close filling valves
- filling machine sanitization within the circuit
- **ultraclean covering** for barrel filling and closing area

