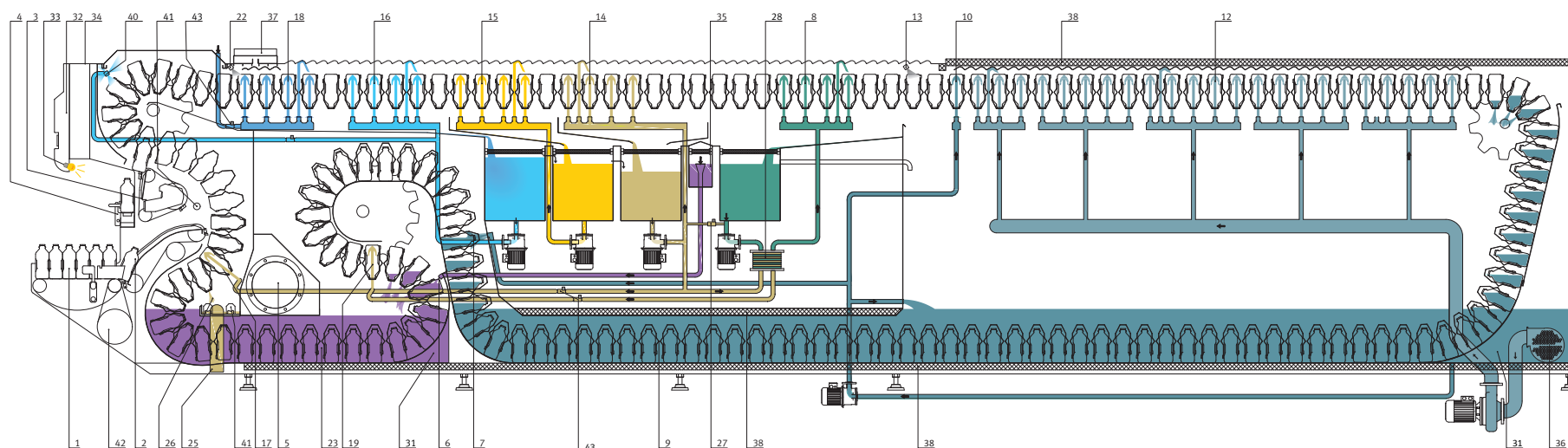


LOW-ENERGY BOTTLE WASHING MACHINE

Machine Schematic

CB 11-1,89-RV-11,6 Mi ng

7.200 bottles/hour



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|-----------------------------|---|---------------------------------------|---------------------------------------|
| 1 Bottle infeed table | 10 Caustic-I spraying | 22 Residual water blow off | 34 Control cabinet ventilation |
| 2 Bottle infeed | 12 Hot caustic spraying | 23 Pre-soaking | 35 Overflow |
| 3 Bottle discharge | 13 Residual caustic blow off | 25 Drain | 36 Heat exchanger |
| 4 Bottle discharge conveyor | 14 Warm-water spraying I | 26 Residual liquid discharge | 37 Vapor exhaust |
| 5 Central gear drive | 15 Warm-water spraying II | 27 Dosage for caustic soaking tank | 38 Foam insulation |
| 6 Flushing | 16 Cold-water spraying | 28 Plate heat exchanger heat recovery | 40 Headspace sanitize |
| 7 Caustic pre-spraying | 17 On/off warmwater pre-spraying | 31 Shards removal drain | 41 Vapor extraction for bottle infeed |
| 8 Caustic-II spraying | 18 On/off freshwater spraying | 32 Control cabinet | 42 Infeed table drive |
| 9 Caustic I-soaking | 19 On/off heated warmwater pre-spraying | 33 Lighting | 43 Solenoid valve |