

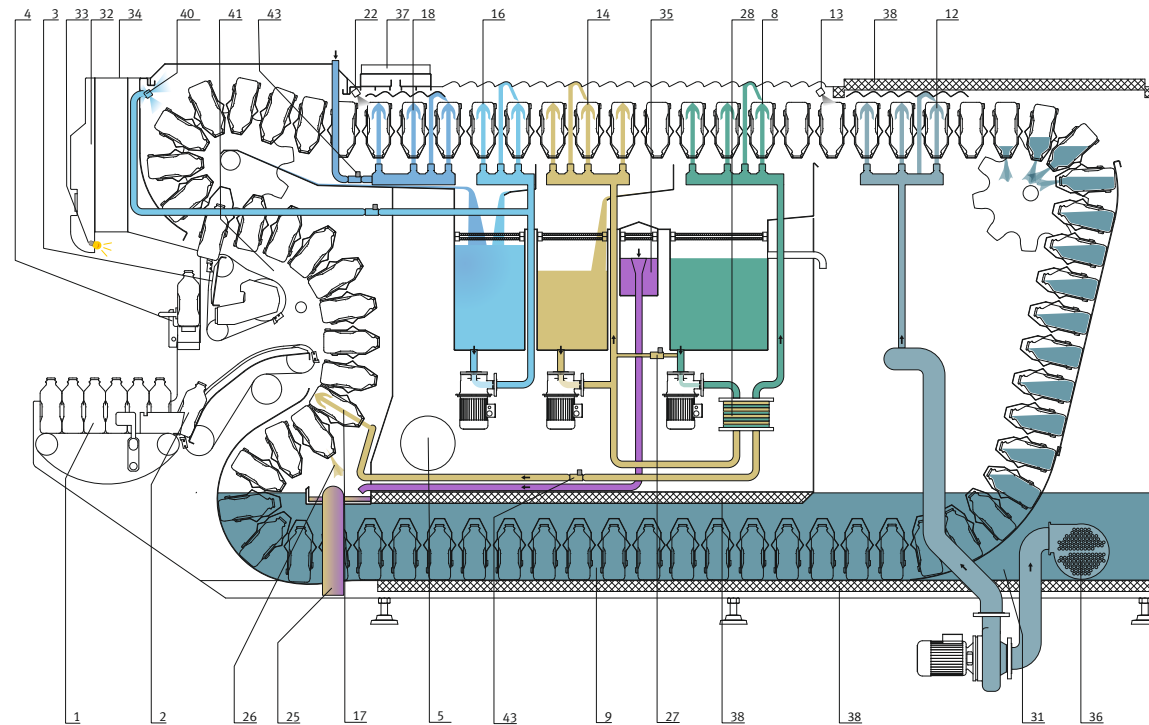
LOW-ENERGY BOTTLE WASHING MACHINE

Machine Schematic

Bottle Washer with residual liquid discharge. 64 oz half gallon glass bottles

3,500 b/h CB 9-1.89-R-5.2 Mi ng

3,500 bottles/hour



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