

RATIONATOR

Maschinenbau GmbH



Flexible Filling Lines

50
Years



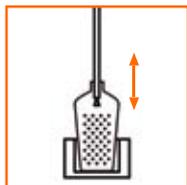


Our broad assortment of machines offers you the flexibility of filling products regardless of their consistency into a multitude of bottle types ranging in volume from 20 ml to 1.000 ml and capping those with a variety of closure types. The machines are also designed for quick and uncomplicated changeover, are equipped with an automated cleaning feature CIP (Cleaning in Place) and, finally, guarantee a smooth production flow. **Take advantage of these beneficial features for your own economic success.**



Handling

BOTTLEMAT Robot with Bottle Pool
Robot Bottle Unscrambling System for the automatic unscrambling, orientation and insertion of plastic bottles



Filling

ROBOMAT autoCIP/SIP
with automatic cleaning programs, also available in the following versions:
Ex (ATEX), 2-phase, 2-color



Capping

ROBOCAP and CS/PCS with BE/BEZ
for standard closures or for dosing and spray pumps as well as standard closures



Conveying in Pucks

RATIFLEX Conveyor System, Puck Remover, RBI
for RATILIGHT Puck System size 1 and 05



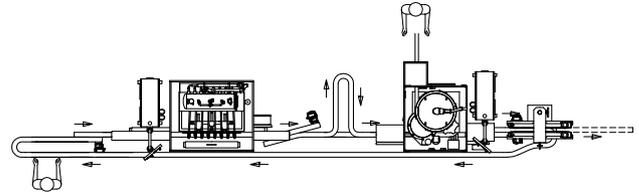
Depending on the production requirements, we offer different line concepts capable of handling a volume range from 20 ml up to 1.000 ml.

Here are some examples:

up to 80 bpm

with RLP1 (8 filling nozzles / 4 capping heads)

Compact line with manual bottle- and closure feeding,
automatic sorting and feeding retrofittable.

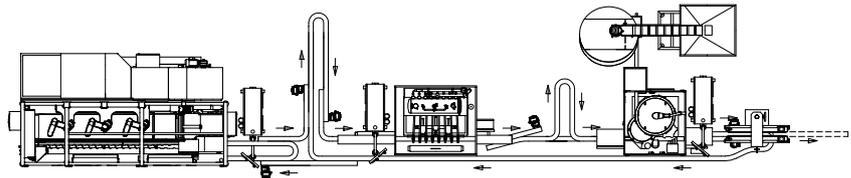


up to 120 bpm

with RLP1

(8 filling nozzles / 6 capping heads)

with one closing function

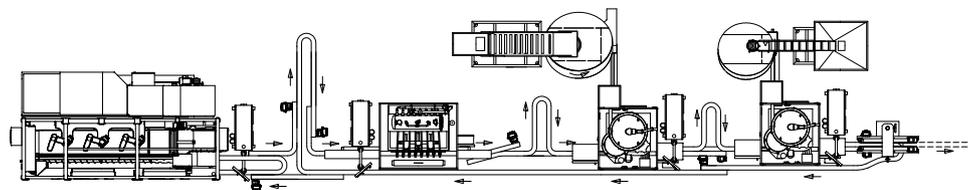


up to 120 bpm

with RLP1

(8 filling nozzles / 6 capping heads)

with two closing functions



up to 150 bpm

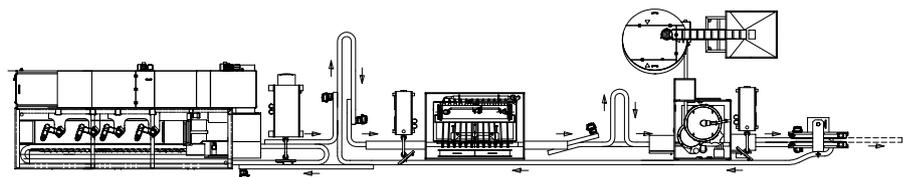
with RLP1

(12 filling nozzles / 6 capping heads)

up to 200 bpm

with RLP05

(14 filling nozzles / 8 capping heads)



RATILIGHT Puck 05
for bottles up to 500 ml

RATILIGHT Puck 1
for bottles up to 1.000 ml



RATIMILLED Puck 1
for your special formats



We have made an effort to keep production cost for our customers low by keeping the format parts required for the smooth flow of production at a minimum and by offering various format types at a reasonable price. The format parts are manufactured on our state-of-the-art CNC machines in our workshop on the basis of the CAD construction data. This allows our customers to handle new bottle and closure types on their RATIONATOR lines with a short period of time.

We offer format parts as follows:

◆ **Offer**

based upon
sample bottles
and/or format
drawings (3D)



- ◆ **3D-design**
- ◆ **CNC fabrication**
- ◆ **Operation tests**
- ◆ **Documentation**



- ◆ **On time delivery**
and if required
support for the
start-up on site

All in one:



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