

RATIONATOR

Flexible Filling Lines



Flexible Filling Lines

with **RATIPUCK** System

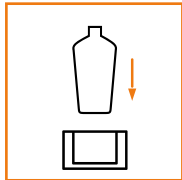


Pro Liquids



Our extensive range of machines offers you the flexibility to process a wide variety of products, bottle and cap formats in the volume range from approx. 5 ml to 1.000 ml. All components are designed for quick and easy format changeovers, automatic CIP cleaning and maximum process reliability.

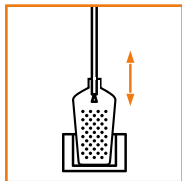
Take advantage of these beneficial features for your own economic success.



Handling

without format parts

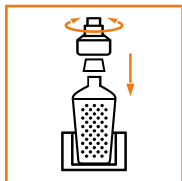
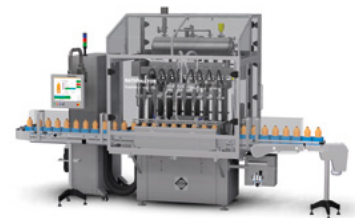
BOTTLEMAT Robot with BOTTLE POOL
Robot Bottle Unscrambling System for the automatic unscrambling, orientation and insertion of plastic bottles



Filling

without format parts

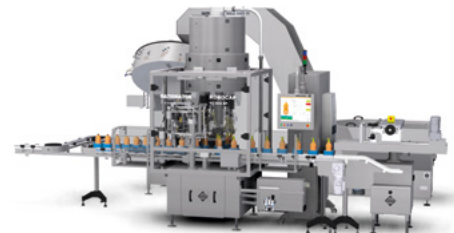
ROBOMAT autoCIP/SIP
with automatic cleaning programs,
also available in the following versions:
Ex (ATEX), 2-phase



Capping

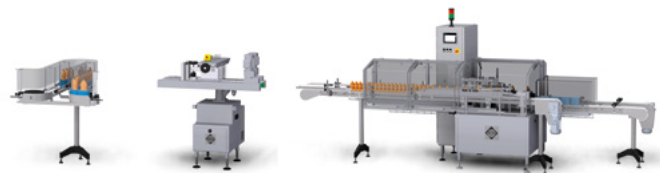
format part reduced

ROBOCAP-EC and CS with BE
for push-on, screw and alignment closures
ROBOCAP-EC DP and PCS with BEZ-H
additionally for spray, dosing and foam pumps



Conveying in Pucks

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

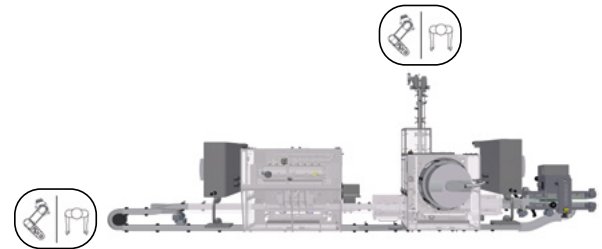


Depending on the production requirements, we offer different line concepts capable of handling a volume range from approx. 5 ml up to 1.000 ml.

Here are some examples:

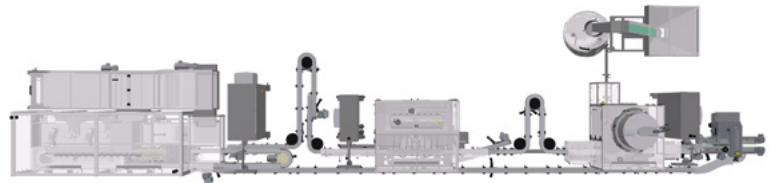
up to 60 bpm

4 filling nozzles / 3 capping heads
with one closing function



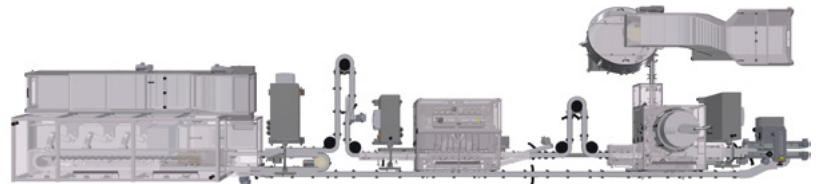
up to 80 bpm

8 filling nozzles / 4 capping heads
with one closing function



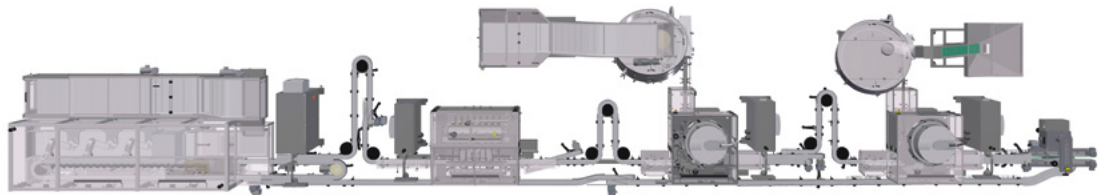
up to 120 bpm

8 filling nozzles / 6 capping heads
with one closing function



up to 120 bpm

8 filling nozzles /
6 capping heads
with two closing
functions



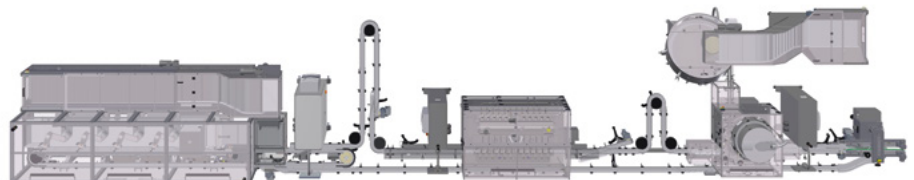
up to 150 bpm

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

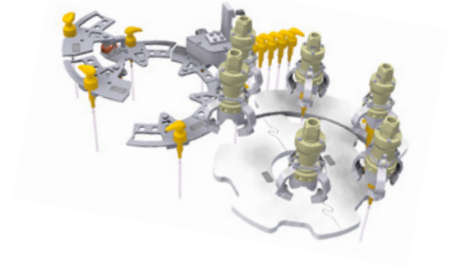
for bottles up to 1.000 ml

RATIMILLED Puck 1

for your special formats



We have minimised the number of format parts required for our machines and developed cost-effective system solutions for different format types. Format parts are manufactured using CAD design data on our modern CNC machines or using the 3D printing process. This allows you to handle new bottle and cap formats very quickly on your RATIONATOR lines.



We offer format parts as follows:

- | | | | | |
|--|---|--|---|--|
| <ul style="list-style-type: none">◆ Offer
based upon
sample bottles
and/or format
drawings or
3D models | ▷ | <ul style="list-style-type: none">◆ 3D-design◆ CNC fabrication
and 3D print◆ Operation tests◆ Documentation | ▷ | <ul style="list-style-type: none">◆ On time delivery
and if required
support for the
start-up on site |
|--|---|--|---|--|



for your product diversity



RATIONATOR

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Made in Germany

☒ **highly flexible**

☒ **safe**

☒ **fast**

☒ **affordable**

