



**tyrolon**  
bottling efficiency

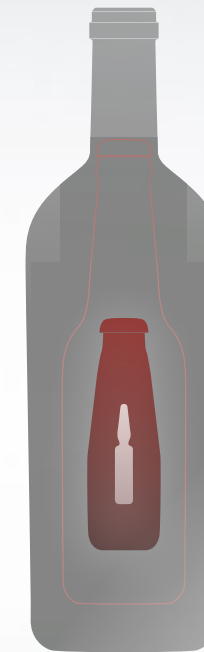
# SO MUCH TO SHOW FOR#



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**ONE  
FOR  
ALL**



tyrolon **STAR**® is an extremely versatile bottling device that handles bottles & containers of various diameters & heights, thus making **format sets** a thing of the past.



# ADVANTAGES

**FOR ALL  
BOTTLES  
SHAPES  
&  
SIZES**

## EFFICIENT

Unchallenged flexibility throughout the entire bottling process due to revolutionary design. Unparalleled cost & bottling efficiency.

## NO FORMATS

tyrolon STARS® handle bottles of any height, width or shape. Say Good Bye to format changeovers or other cumbersome conversions for a gain in production time

## FLEXIBLE

Increase output at all stages of the bottling process such as rinsing, filling, sealing, labelling & inspecting.



## UNIVERSAL

tyrolon STARS® come in many sizes for all machines — existing machines can be retrofitted or new machines can be equipped from the outset. Container handling for the food, beverage, pharmaceutical, personal care/cosmetic industry.

## QUALITY

Less breakage/damage. Exact alignment at filling valve/capper/labeller. No bottle rotation, wear or marks on floor guides. Smooth transport, no shaking/foaming.

## HYGIENIC

Smooth surfaces, clean bottle tables and effortless cleaning due to unhindered access without dismantling. Far less surfaces/gaps/holes for residues or corrosion.

STAR®

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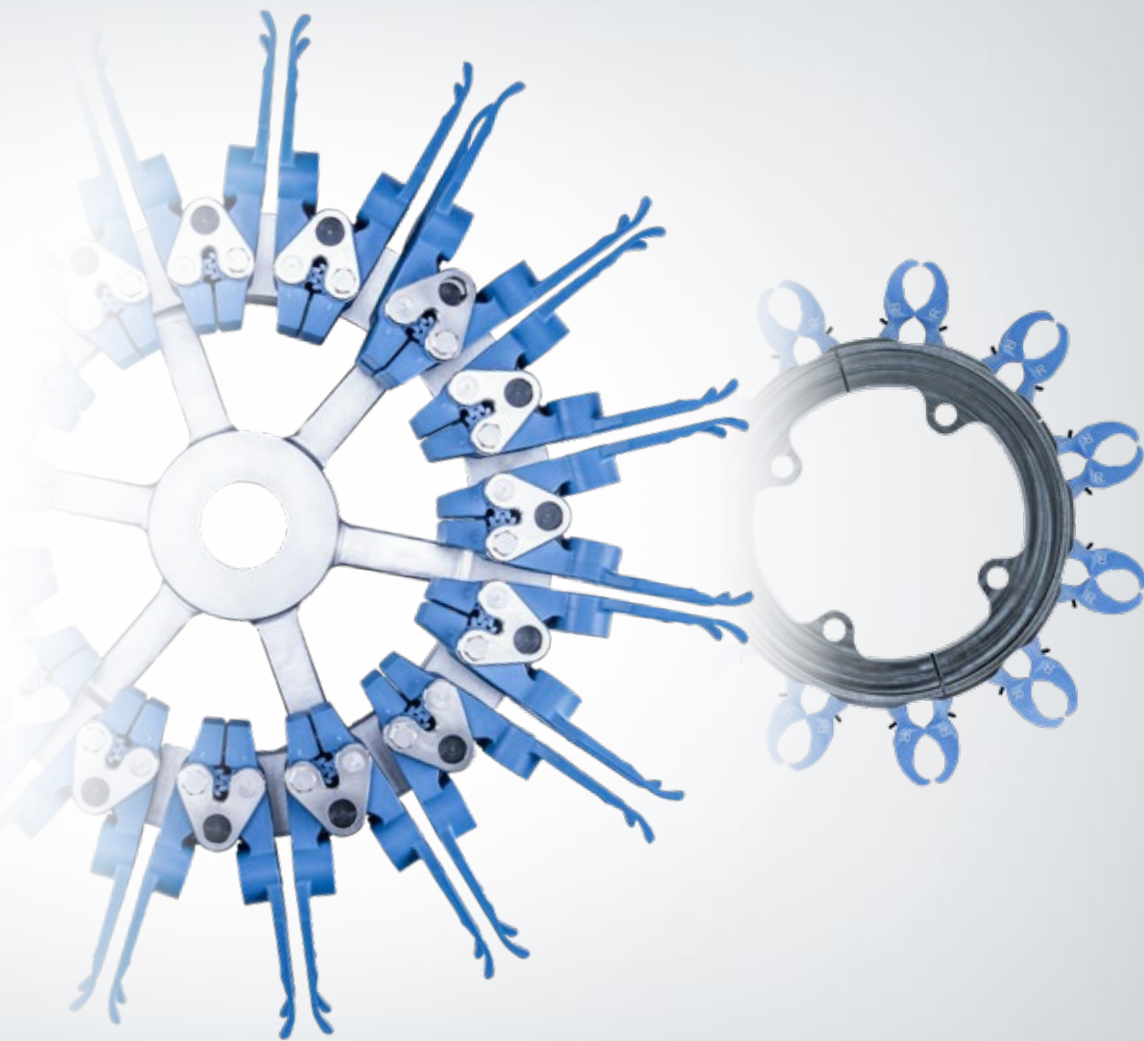
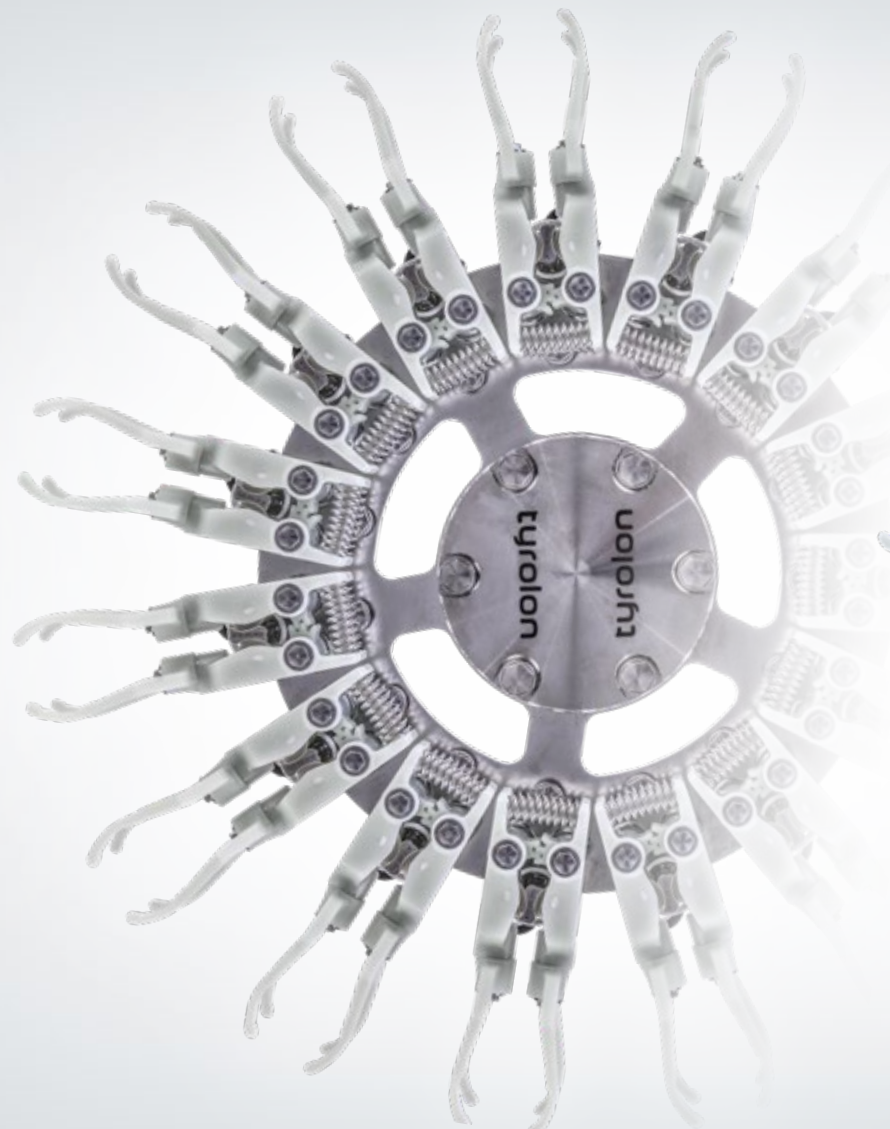
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# SO MANY OPTIONS

Individual STARS® in every size for every bottle, every part of the bottling process and every machine.



STAR®



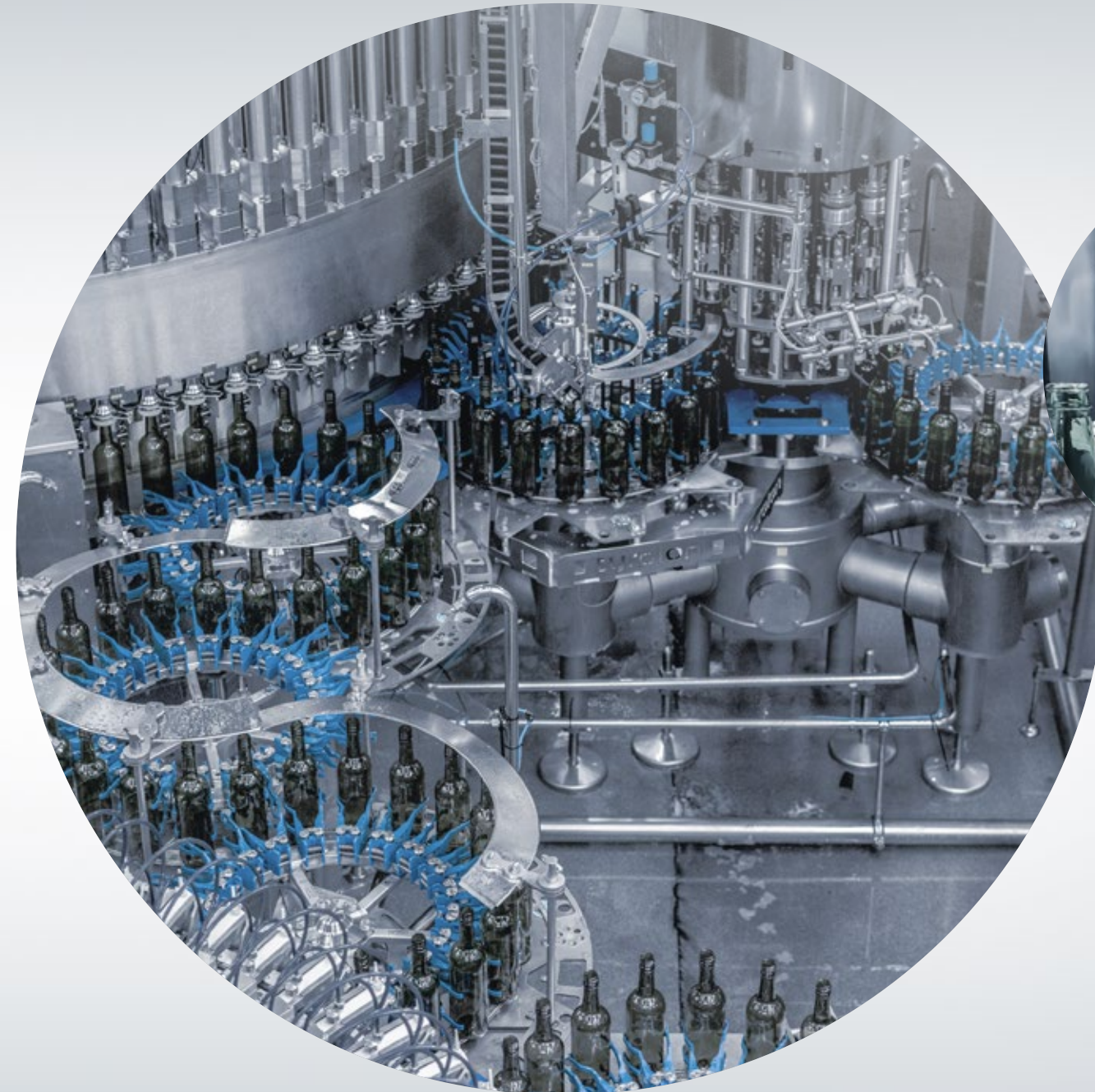
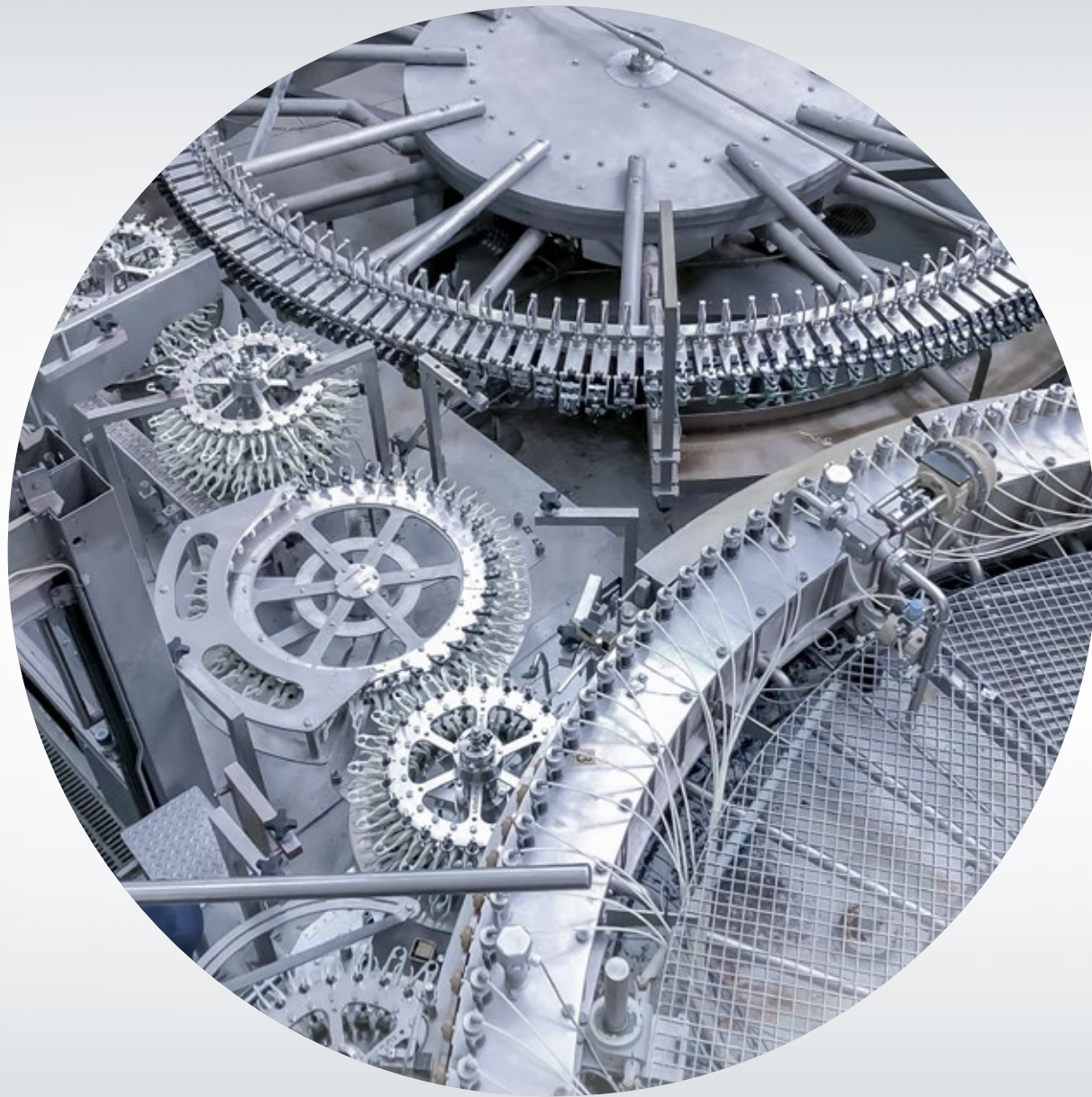
OUR STARS® COME IN ALL SIZES ABLE TO HANDLE CONTAINERS 1-3,000 ML

IDEAL FOR RINSING, FILLING, SEALING, LABELLING, INSPECTING



# IT'S SHOWTIME

Enough talk the talk, let's walk the walk so you can witness glimpses of what our combination of STARS® is capable of.



UTILIZED WORLDWIDE

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SET YOUR SIGHT ON A NEW

# HEIGHT



**NEW  
VERTICALLY  
ADJUSTABLE  
STARS®**

If flexibility in width is not enough for you then switch to our new **vertically adjustable STAR®**. Consistent grip in all positions prevents rotating, tilting & pivoting.

**Add stability** as less pressure is applied on activation units.



easily change clamps

## ADJUST HEIGHT

in seconds via splined shaft in center.

## BOTH WAYS

top & bottom plains easily adjustable in both directions, up & down.



**HEIGHT ADJUSTABLE STAR®**

## COMPACT

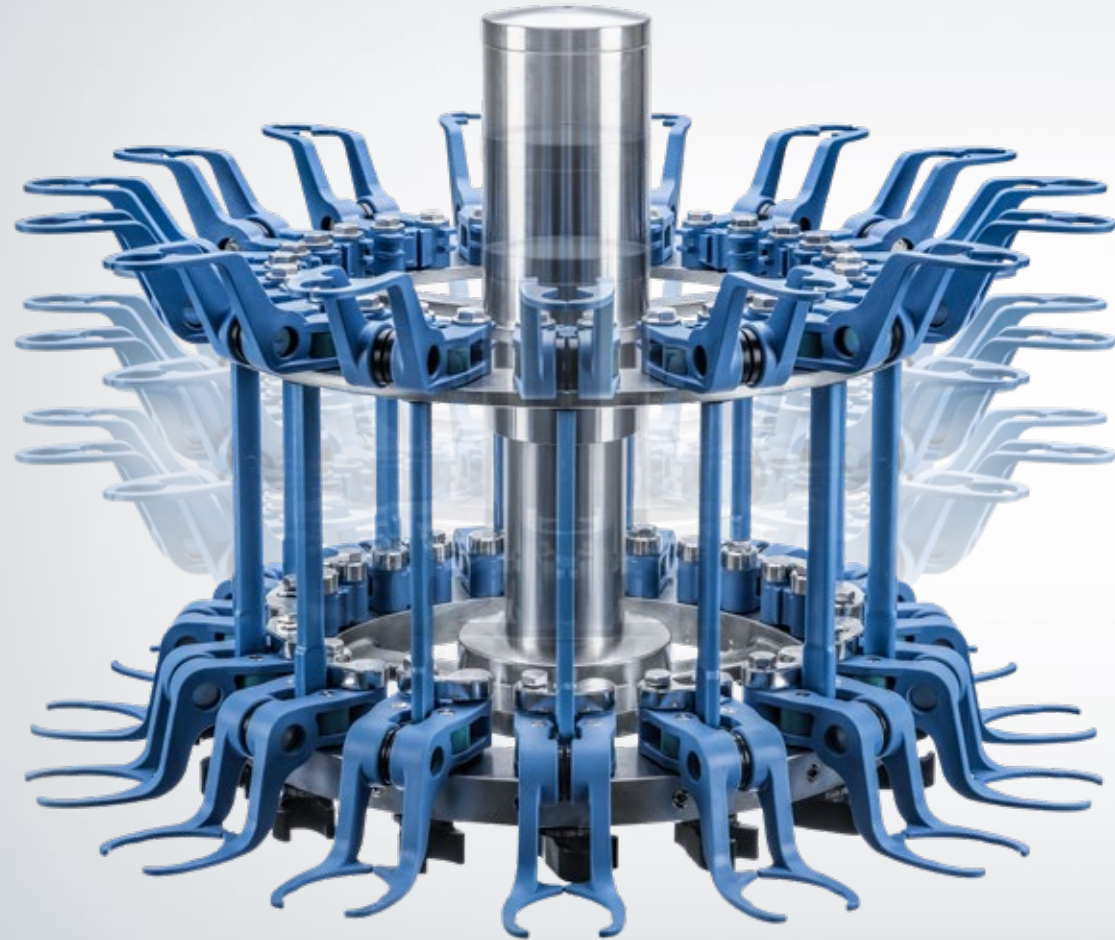
design uses up minimal space.

## MODULAR

change clamps for numerous applications.

HEIGHT ADJUSTABLE **STAR**

## LABEL IT, MOVE IT, CAP IT



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The positioning of the neck clamp can be adapted to the height of the label, **keeping it intact**. Setting down and centering bottles is more accurate than with conventional format sets.



### **STRONG GRIP**

in all positions: infeed, pass-along & capping

### **FLAWLESS LABELS**

as bottles are handled away from the label panel

### **PERFECT CENTERING**

at sealing positions possible without additional guides

### **REDUCE CRASHES**

from lying bottles as they pass through easily

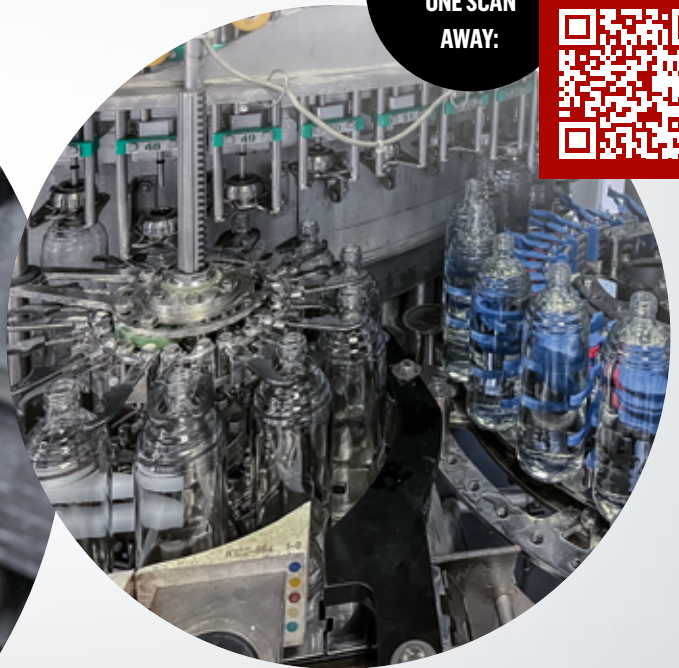
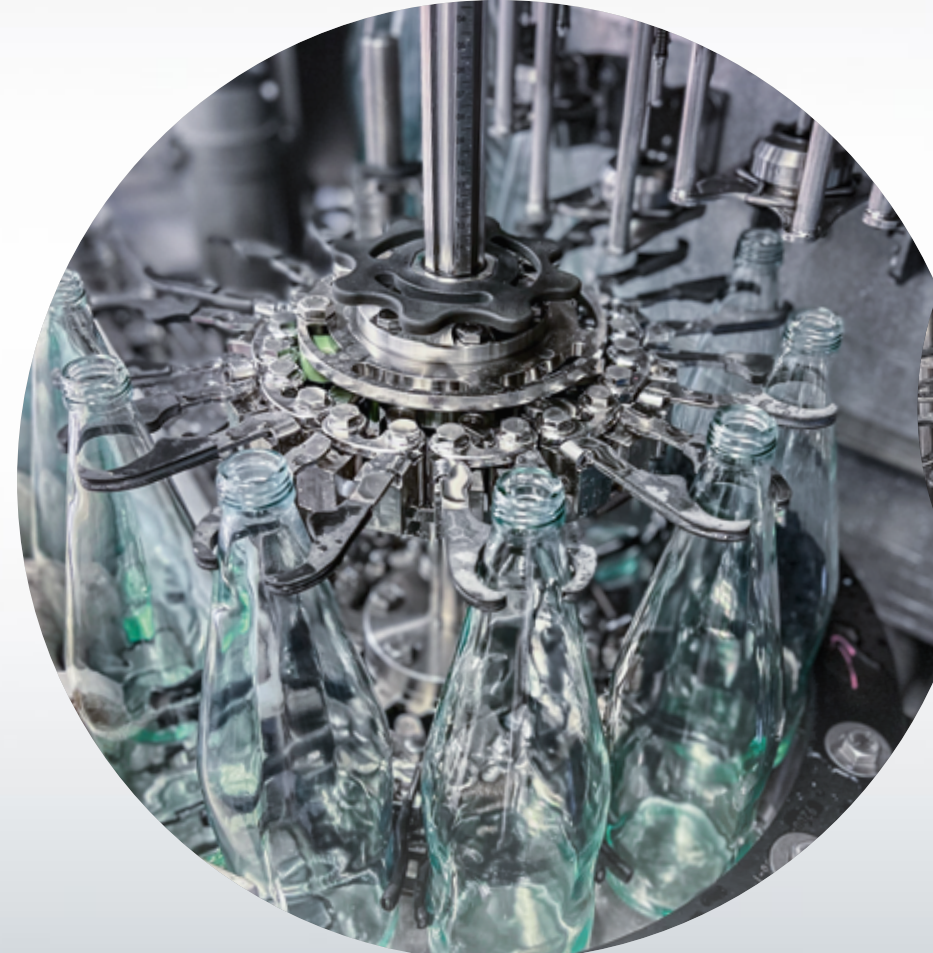
### **POSITIONING**

on a whole new level for flawless handling

IT'S **SHOWTIME**

# VAR **HIGH** IETY

A sophisticated variety of vertically adjustable STARS® for all demands & state-of-the-art bottling.



A PERFECT SOLUTION JUST ONE SCAN AWAY:



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# TO CAP IT ALL OFF



**ADJUSTS PRECISELY**

to vertical movements of bottles

**DIRECTLY**

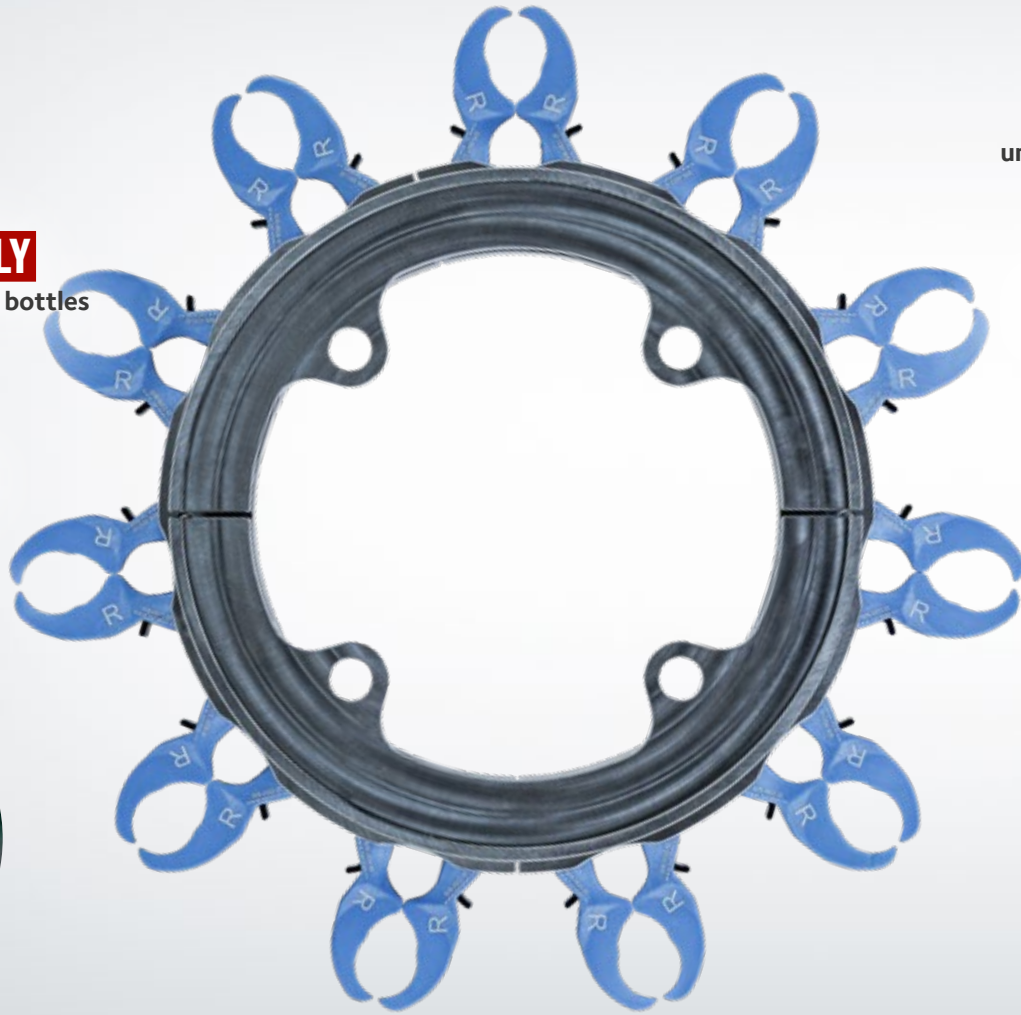
mounted on capper

**GENTLE GRIPPING**

by bottle neck only

**BOTTOM PLATE**

holds bottles in place



Our new stand-alone Capper STAR<sup>®</sup> **adjusts precisely** to vertical movements with a unique, easily accesible design.

**PRECISE CENTERING**

throughout the process

**STAND-ALONE**

solution regardless of other configuration

**OPEN DESIGN**

easily accessible

**NO BLOCKAGES**

after glass breakage

# RINSE AND REPEAT

Forget storage space for formats — our rinser units need **no changeover**.

Less pressure is applied, resulting in less wear, with **fewer wearing parts** altogether.

Our universal gripper system works for **all common manufacturers**. Introduce new bottle formats with **minimal investment** cost.



**UNIVERSAL GRIP**

of different bottle necks by actively switched clamping jaws. Controlled opening/closing.

**PERFECT DUO**

High quality plastic & stainless steel. Increased lifespan. Reduced weight. Less deformities.

**USER-FRIENDLY**

Easy to clean with common cleaning agents. Quick overhauling.

**NO CONVERSION**

No need to change previous formats/bottle holders.

**UNPRECEDENTED**

**QUALITY**

ALL  
SHAPES &  
SIZES



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# QUALITY BOTTLING



**VISIT  
WEBSITE  
FOR DEMO  
& MORE**

## **EFFICIENCY**

Drastically reduce damage or stress on your bottles, labels & containers.

## **SMOOTHNESS**

Smooth transport without chattering, shaking or foaming. No rotation, wear or chatter marks on floor guides.

## **PRECISION**

Exact alignment at all bottling stages, whether filling valve, capper or labeller.

## **HYGIENE**

Elevated hygiene, effortless & easily accessible cleaning (CIP) without dismantling. Clean filler/bottle table. Noise reduction



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At tyrolon we don't rinse & repeat greenwashed marketing slogans. Our design approach is far more pragmatic: **Simplicity & efficiency.**

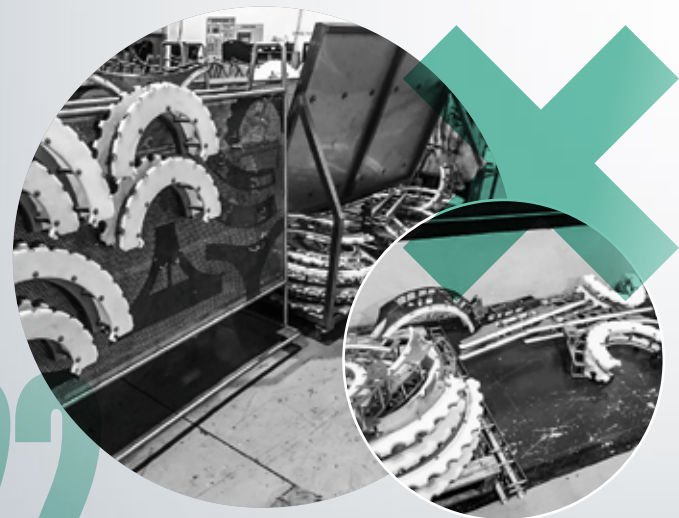
Sustainability is no hollow phrase either, as we produce almost **all our spare parts** for our tyrolon STARS® **in-house**, which makes us almost independent from supply chain issues overseas, and very flexible too.



Furthermore, there is **less labour & risk of injuries** involved. Less scrap metal & clutter/junk. Heavy lifting of bulky formats is a thing of the past. **In other words:**

# THE PLANET AND YOUR EMPLOYEES WILL THANK YOU

So say **Good Bye to format sets & guides**. Switch from unwieldy, bulky device parts to a staggering increase of efficiency & time-saving. Avoid **excessive use** of materials which seems redundant once you upgrade to new tyrolon STARS®. Experiencing less downtime on your production lines, while simultaneously **saving on cost and storage space** for formats and spare parts are huge advantages.



The biggest advantages are the smooth surfaces, clean bottle tables, and effortless cleaning due to **unhindered access** (CIP) without dismantling.

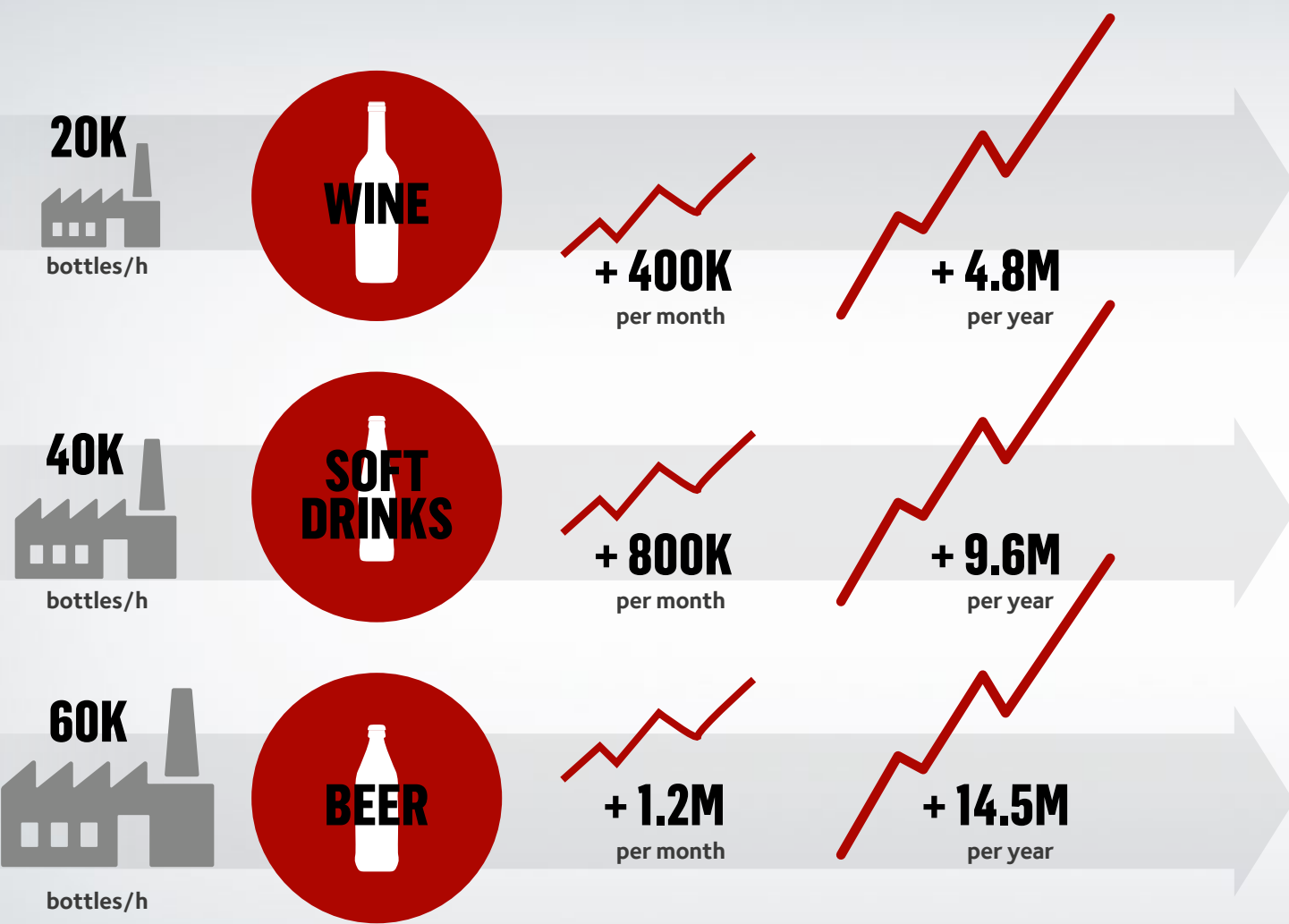
# FLAWLESS HYGIENE

This guarantees untainted hygiene conditions. Routine hygiene tests (germ swabs) **run by our customers** confirm the impeccable results.

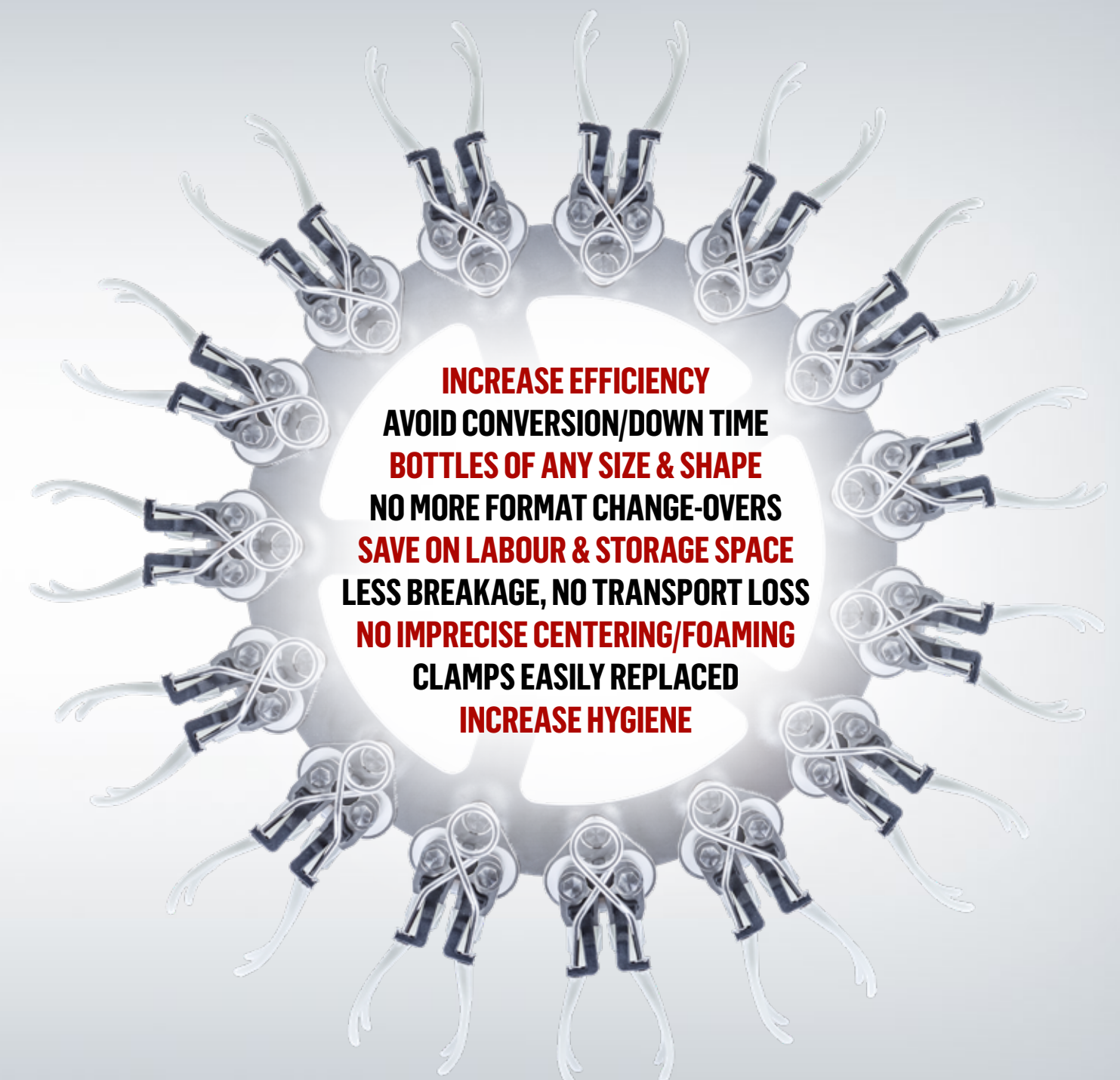


# WORTHWHILE INVESTMENT

# RECAP



Typical production, 12 hours/day, 5 days/week, approx. 240 workdays/year  
Based on the assumption of 1h of conversion time/day





## **USED BY LEADING MANUFACTURERS**

Global leaders of the beverage industry such as **ABInbev**, **Carlsberg**, **Heineken**, **Coca Cola** and **Nestlé** bank on bottling technology by tyrolon. Years of research and development in cooperation with our customers and their laboratories have steadily improved our designs & materials.

[[tyrolon.cc](http://tyrolon.cc)]



# tyrolon

bottling efficiency

EN

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BUTTERBROT