



**MOBA**

# Proxima

Integrated total solutions  
to benefit your business

[moba.net](http://moba.net)

*Building Your  
Sustainable  
Egg Future*

# Integrated total solutions to benefit your business

**M**oba is a global leader in egg grading, packing, and processing technology. Headquartered in Barneveld, the Netherlands, we operate development, manufacturing, sales, and service centers worldwide—always staying close to our customers. Our strong world-wide network ensures fast support wherever you are.

## Expertise in egg processing

Our dedicated competence center for egg breaking and processing, located in Brugherio, Italy, drives innovation and research. This hub develops solutions that improve profitability and production efficiency for the egg industry.

## Comprehensive solutions

Moba offers a full range of egg breaking and liquid egg processing systems as well as solutions for egg powder production, built with proven, internally developed technologies. Supported by highly skilled engineers and a global service network, we guarantee reliable performance and close collaboration with customers and industry partners.





# Introducing Proxima *elevate your egg breaking process*

The Proxima breaker series sets a new standard in egg processing. Built on the trusted foundation of Synchro egg breaking machines, Proxima delivers higher yield, greater hygiene, and smarter operation—all in a compact design.

With innovations like closed-loop CIP, recipe-based operation, and advanced detection, Proxima is engineered for processors who demand more: more efficiency, more reliability, and more future-readiness.

## Take control of your process

Proxima gives you unmatched control over product quality. Create standard recipes considering specific supply conditions, such as egg age or temperature, and let the system automatically adjust parameters for cup shaking, and compressed air for consistent results.

- **Cleaner Whites, Perfect Yolks** – Advanced yolk scanning and controlled cup shaking ensure purity and precision.
- **Smart Mixing** – Achieve the right whole-egg mix directly in the breaker, reducing the need for post-processing.
- **Adaptability** – Whether handling small or large eggs, Proxima can adjust dry matter content to meet your specifications.

## Efficiency meets sustainability

Proxima's improved cup wash system uses less water while delivering effective cleaning. Combined with precise control and optimized separation, you get maximum yield with minimum waste—and a cleaner, greener process.

## Maximize yield, minimize waste

Proxima is designed to get the most out of every egg. With longer drain and separation times and increased capacity, it outperforms any breaker in its class.

An improved tray design captures product that might otherwise be lost, delivering up to 0.5% extra yield—without additional extraction devices. Elevated outlets and dual whole-egg outlets ensure smooth product flow, even for high dry-matter yolks.

## The cleanest egg white

Proxima maintains the industry's highest standards for egg white purity. The enhanced Albuchecker® vision system, now with cameras for every three rows, detects even the smallest yolk stains. Any affected cup is diverted instantly, ensuring albumen purity and compliance with strict hygiene requirements.



## Hygiene you can trust

- Automatic shell removal keeps large fragments out of product trays.
- Quick cup washing during breaks—no need to empty the machine or disconnect outlets.
- Closed-loop CIP system cleans the entire machine fast and efficiently, reducing water and chemical use while guaranteeing repeatable hygiene. The intuitive HMI lets you customize every CIP step for maximum control.

## Smart detection & labor savings

Add the optional Egginspector to detect dirty or leaking eggs after washing automatically. Integrated outlets reroute eggs for rewashing or removal, reducing manual inspection and enabling high-capacity processing—up to 600 cases per hour.

## Built for reliability

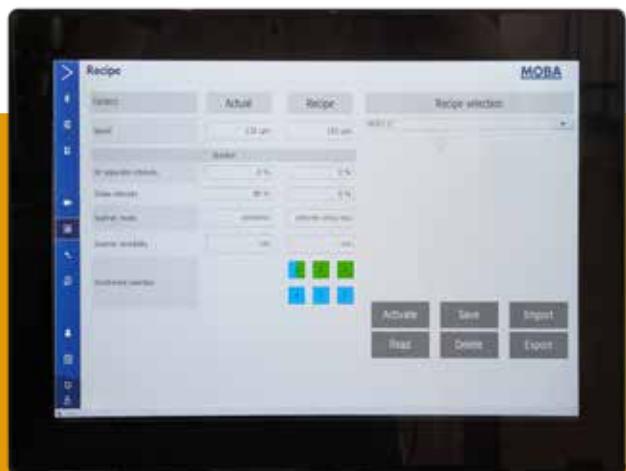
Proxima's rugged stainless-steel construction resists harsh cleaning chemicals and minimizes downtime. Easy access to critical components reduces maintenance hours, while the shell removal system protects pumps and valves for longer life.

## Consistent quality, every time

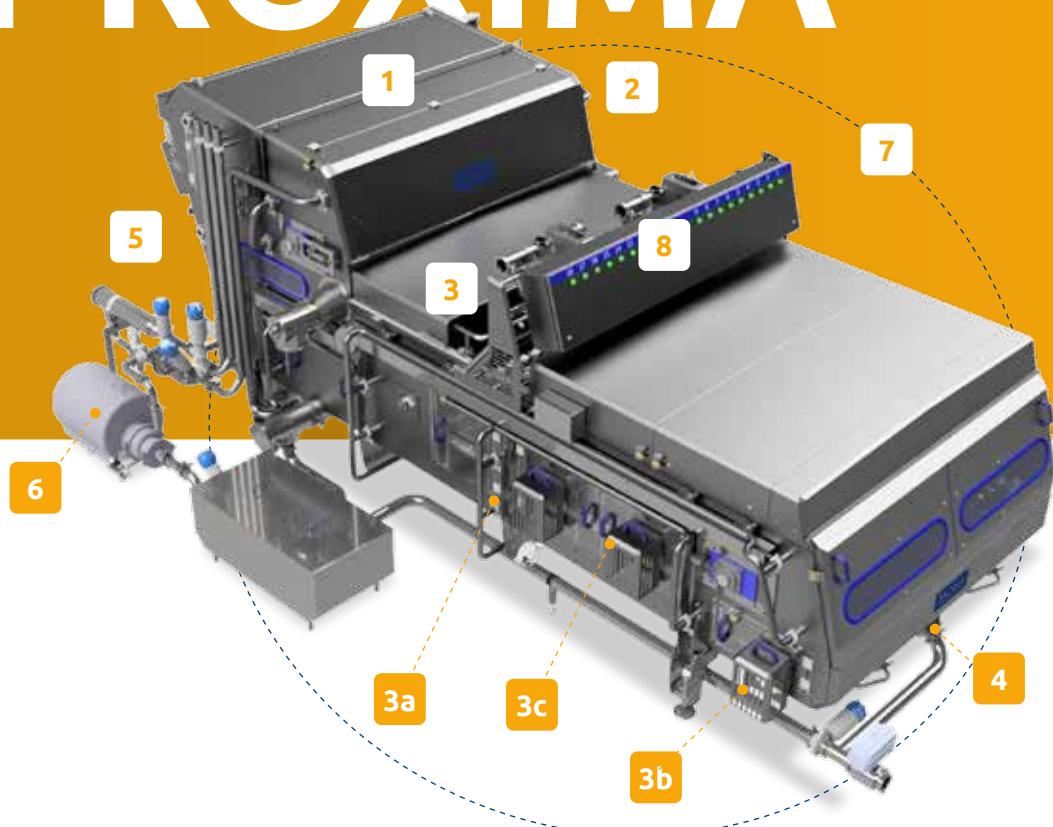
Proxima combines trusted Synchro technology with advanced features for smart output, superior hygiene, and maximum yield—a future-ready solution you can count on.

## Full process visibility

The 17" touchscreen displays key production data clearly, including egg counts and intact percentages. Export reports via LAN or Wi-Fi for analysis and traceability. Integrated SCADA connectivity ensures seamless data flow and maintenance insights.



# A TOUR THROUGH PROXIMA



## 1 Reliable egg-cracking technology

Precision cracking ensures higher yield, cleaner separation, and consistent quality.

- Unique inclination for accurate egg positioning
- Precision knives for optimal drainage
- Wide opening angle for maximum liquid flow without yolk damage
- Full stainless-steel for hygiene and easy maintenance

## 3 High yield & perfect separation

Proxima delivers maximum usable product and minimizes losses

- Longest separation time in the market
- Automatic cup shaking and compressed air for superior separation quality
- Consistent results regardless of egg age or temperature

## 2 Self-synchronization for efficiency

Smart servo motors and PLC control keep all sections perfectly aligned.

- Built-in sensors for performance monitoring
- Reduced wear and downtime
- Clean cups during breaks without emptying the machine

## 3a Cleanest egg whites

Industry-leading purity with fat content below 0.03%.

- Advanced Albucheker® vision system with high-resolution cameras
- Immediate diversion of clean egg whites to its collection tray



### 3b Very dry yolk product

Extended separation time (up to 6 seconds) for premium yolk quality.

### 3c Minimum whole egg

Immediate release of egg whites eliminates yolk contamination after scanning.

### 4 Extended draining area

Recover every drop of product with optimized draining zones.

- Dual whole-egg outlets to catch remaining product from the cups.
- Up to 0.5% extra yield

### 5 Smart cup washing

Water-saving system combines water and compressed air.

- Multiple washing programs for efficiency
- Lower costs and compliance with hygiene standards

### 6 Closed-Loop CIP System

Fast, thorough cleaning without full plant integration.

- Selective zone cleaning
- Reduced water and chemical use
- Repeatable hygiene every time

### 7 Robust Construction

Heavy-duty stainless steel for durability and easy maintenance.

- Quick access via sliding covers and hinged doors
- Minimal downtime, maximum productivity

### 8 Advanced Albuchecker®

Detects even the smallest yolk stains with precision.

- Extra cameras for improved accuracy
- Recipe-based control for dry matter content
- LAN connectivity for remote service

### 9 Shell Fragment Removal

Automatic removal system reduces contamination and equipment wear.

## Proxima egg breaking systems

Model	Rows	Capacity range		Separation		Loader	Albuchecker® scanner	Closed loop CIP
		eggs / hour	cases / hour	cups	chutes			
Proxima ST215	6	77,500	215	Standard	-	Crono2	standard	standard
Proxima ST650	18	216,000-235,000	600-650	Standard	-	Crono9	standard	standard



# We listen. We learn. We innovate.



**900** employees worldwide  
**200** service colleagues  
**111** countries represented  
**36** agents around the world  
**27** languages spoken  
**13** offices worldwide  
**11** spare parts warehouses worldwide

**1 team  
to support  
you!**

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