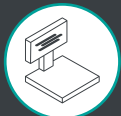


Process optimizing solutions for the food industry

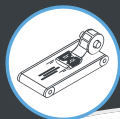
intelligent
weighing
solutions



intelligent
packaging
solutions



intelligent
closing
solutions



intelligent
labelling
solutions



smart
software
solutions



Your advantages with TopControl solutions

TopControl is one of the world's leading suppliers of innovative automation and process optimisation solutions in the food industry. We plan, develop and implement customised solutions for production and logistics control, especially in the fruit and vegetable sector. The product portfolio ranges from intelligent system scales and labelling solutions to complete, sophisticated packing lines including software solutions that guarantee the highest level of operating convenience.

Technical innovation is a top priority at TopControl. Both devices and software are developed, designed, programmed and produced in-house. Everything starts with the customer's requirements. Our goal is to develop innovative ideas with a technical edge for our customers, which lead to an improvement and higher efficiency of the production processes.

YOUR PROJECT IN GOOD HANDS

As a customer, you expect well thought-out planning of your packing system and smooth project execution. We offer you individual and reliable project support, regardless of the size and complexity of your project. Because TopControl thinks holistically and makes all the considerations that are important for the success of your project. Our view goes beyond the standard solution. This is how we ensure that your project can be efficiently handled as a total solution.



Vegetables



Fruit



Meat



Cheese



Increase profits



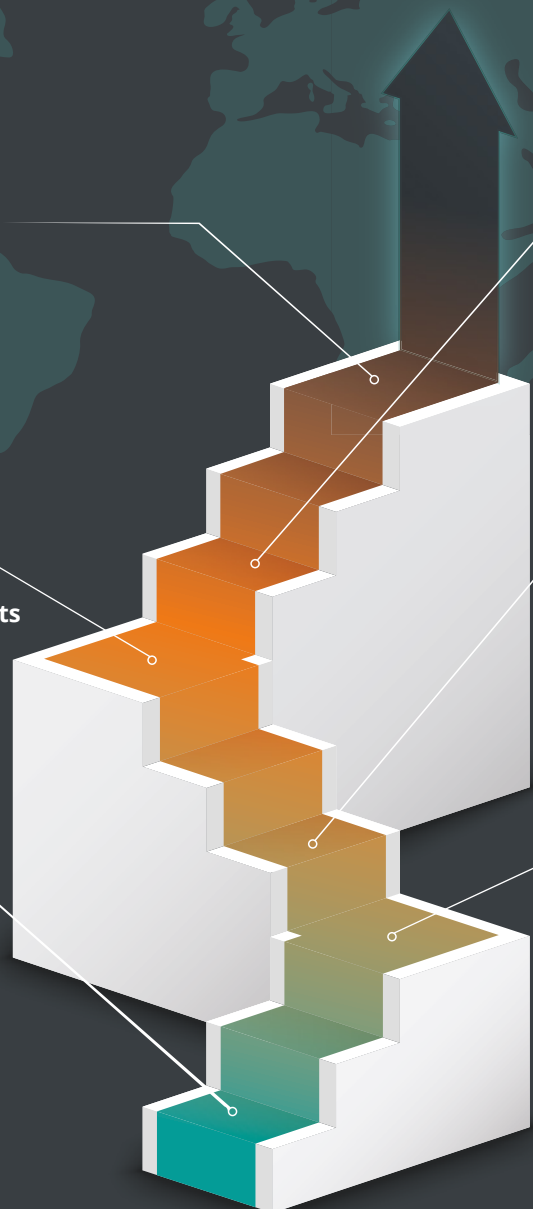
Increase efficiency of your production



Increase quality of your products



Reduce waste



Our solutions

Our solutions ensure more productivity and efficiency in your company's processes.

Many steps are necessary before your food reaches the consumer. First, the products are harvested, sorted and weighed, and sometimes they are stored. The products have to be labelled and packaged for sale. In order to save time in all these steps, to optimise personnel deployment and, above all, to reduce the giveaway - the goods that you give away due to inaccurate weighing -

we have developed innovative hardware and software solutions for the food industry.

We know that no two businesses are alike in terms of their requirements, which is why we customise our holistic solutions to meet all your needs. Our customers include large companies, SMEs, but also small and family businesses, which we help with our state-of-the-art technology by increasing productivity and reducing costs.

KEY BENEFITS



Increase productivity



> 30%
reached
productivity
increases



> 30%
work faster & more
effectively our solu-
tions



< 1%
reduction
of the giveaway



3-24
months Return on
Investment



+Efficiency
for your
company

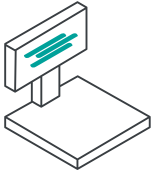


**Reduce the
giveaway
up to 1 %**



**Reduce
time and costs**





intelligent weighing solutions

TopControl weighing solutions optimise the packaging process for the food industry. We deliver the right solution for your product so that you can work faster and more efficiently. You will increase your profit considera-

bly in less than a year. You can save on staff, on give-aways and increase your productivity. In combination with our smart software solutions, you can analyse your packing line in real time.

Manual weighing solutions



SSC 9200
Intelligent table scale



RSC 9200
Smart removal scale



IWS 3000
Intelligent weighing table with integrated smart scale, illumination, waste bin etc.

Combination scale



MHP 1000
Manual scale for optimal weight combination



MHP 1200
Semi-automatic scale for optimal weight combination



MHP 1300
Semi-automatic scale for optimal weight combination



MHP 2000
Semi-automatic scale for optimal weight combination



MHP 2100
Semi-automatic scale for optimal weight combination



MHP 3000
Semi-automatic scale for optimal weight combination

FoodProcess in combination with our weighing solutions visualises your production statistics intelligently and clearly. This allows you to react to deviations in a timely manner and clearly see what you have earned at the end of the day.



The visualisation is for illustration purposes only and may differ from the picture.

Automatic process scale



MHP 5200
Automatic process scale with double-row-belt

Automatic checkweigher



CWT 1000
Automatic checkweigher for open, small punnets



CWT 500
Automatic, hygienic checkweigher for transport packaging - legal for trade



CWD maxx
Dynamic checkweigher for small packaging - legal for trade



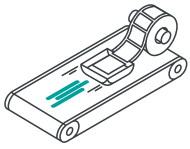
ST EPW310
Dynamic checkweigher for bags - legal for trade



ST A500B
Automatic checkweigher for transport packaging - legal for trade



CWE maxx
Dynamic checkweigher for small packages medium-high capacity - legal for trade



intelligent labelling solutions

Labelling solutions of TopControl offer the right labeller for your packing line. The high-performance labellers are precise, fast, gentle on the product and definitely the right

choice. Our labelling solutions can be integrated into existing production lines or used as stand-alone devices.

High-performance labeller for small packaging



GLM-B-S
High speed labeller for punnets



Variant 2BE 1TA 1TE



Variant 3BE 2 TA:
Ultra fast:
up to 300 pck/min

Carton labeller



ILS 3000
Labeller for carton & transport packaging



GLT MAXX 9000
Labeller for carton & transport packaging

Palettenetikettierer



ILS 3800
Labeller for pallets



GPH MAXX
Labeller for pallets

Price labeller



SPT 500
Manual price labelling station



GLPmaxx - GLPi
Standalone printer, total printer, price labeller

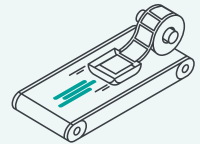


GLM-Emaxx
Automatic price labeller



GLM-levo
Fully automatic price labelling machine

intelligent
closing solutions



TopControl's carton sealing machines are sustainable packaging solutions for your packing line. Products packed in carton trays are automatically sealed and glued before being transported to the next station. The carton

sealing machines enable you to deliver your food products in reverberant packaging. Because the environmental awareness of the end customers is constantly increasing.

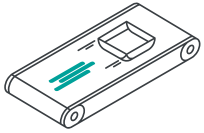
Packaging machine



ICS 500
Automatic carton closing machine



ICS 1000
Automatic carton gluer

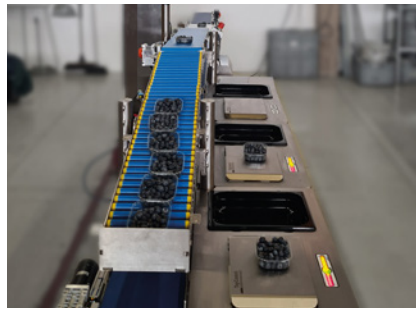
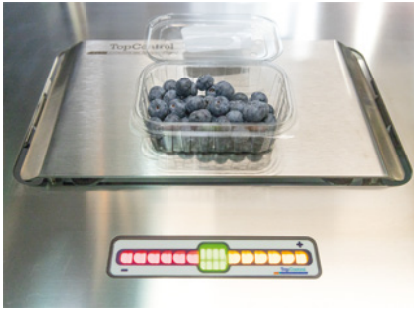


intelligent
packagingsolutions

TopControl packing lines are precise, state-of-the-art and adapted to your needs. From planning to installation, your customised project is implemented by our team. Everything from a single source, thus eliminating numerous component interfaces as potential sources of error. You get the perfect combination of individual development and experience gained from numerous installations.

up to 4 LEVELS smart weighing tables MODULAR structure

CONVEYOR BARRIERS for trays or boxes
MANUAL OR MOTORISED ROLLER CONVEYORS
45°-90°-180° CURVES
BOX SWITCH
RUN-OUT SLIDES

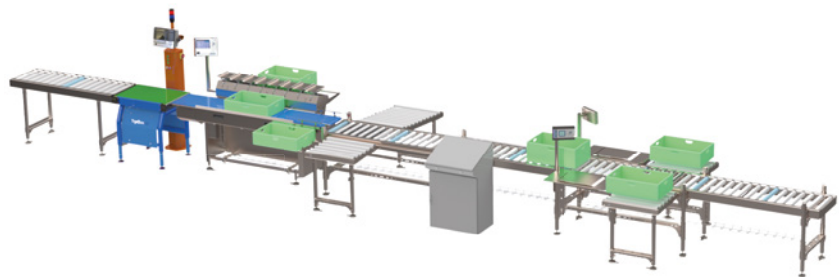


Application examples

GOAL: Fill boxes to target weight with minimal giveaway in the shortest time possible.

STEPS:

- Pre-filling at the frontal weighing tables
- Combination weigher MHP 2100 calculates missing product combination
- Checkweigher checks the final weight of the crates.



GOAL: Packing vegetables from boxes into trays

STEPS:

- Repacking at the work table with built-in scales and LED display.
- Fast, ergonomic and intuitive for more productivity.



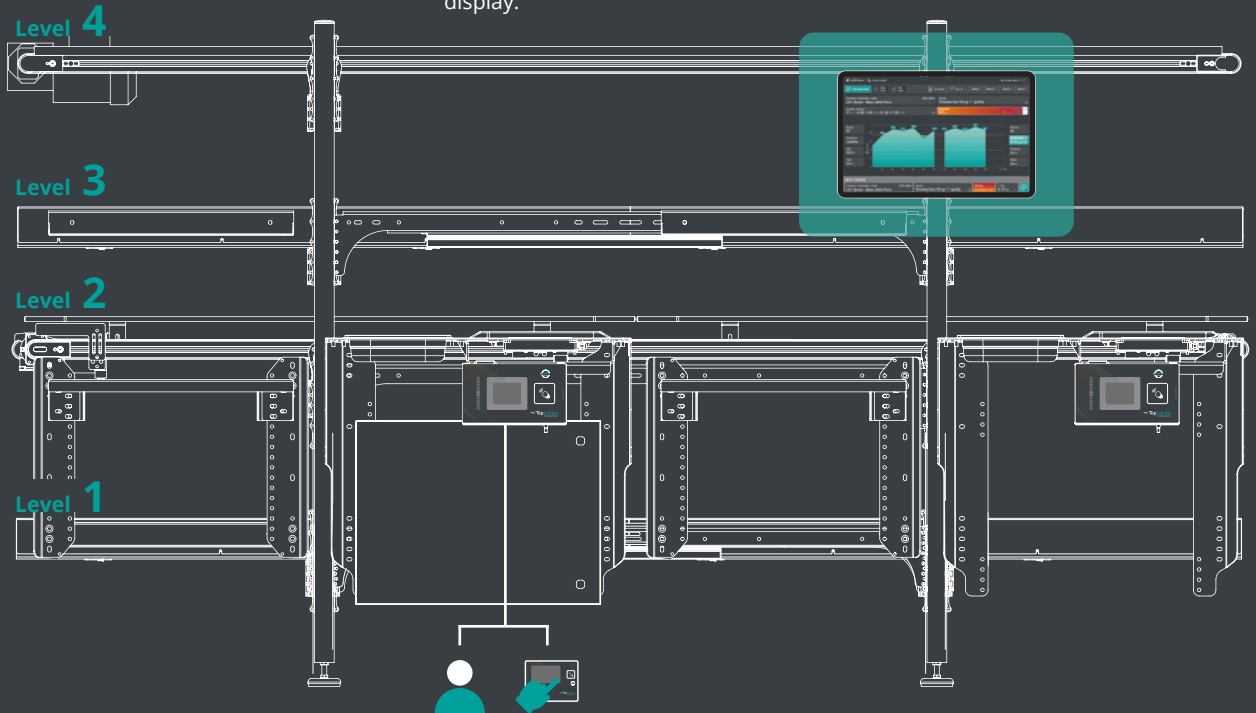
Modular design with up to 4 levels of conveyor belts or roller conveyors for trays or boxes.



Smart weighing tables: ergonomically optimised with integrated scales, lighting and intuitive LED display.



Intelligent and intuitive **job and line control** via the new 12" display - everything in view.



User registration: The worker logs on to the terminal via an RFID chip.

Control display: This is used to process the entered job.



GOAL: Optimise productivity for trays pre-filled in the field.

STEPS:

- The checkweigher at the line entrance separates the trays to be corrected from the good-weight trays.
- Workers only have to correct the underweight or overweight trays.

GOAL: fast and efficient packaging of tomatoes

STEPS:

- Empty and full crates or trays are automatically transported to the workstations
- fast packing & quality control through built-in lighting.



GOAL: Increase productivity

STEPS:

- Fast packing and repacking of exotic fruits at the frontal weighing tables
- Checkweigher for weight control
- Carton labeller at the end of the line





smart
software solutions



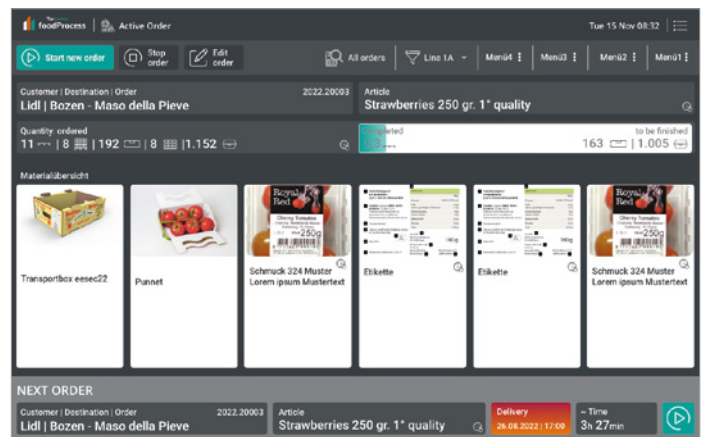
ORDER PROCESSING TRACEABILITY

- RECORDING & EVALUATION
- PRODUCTION MONITORING
- PROCESS CONFIGURATION
- MASTER DATA MANAGEMENT
- USER MANAGEMENT

foodProcess is an innovative software solution that supports you in your packaging process. In combination with our precise weighing solutions, it will be easy for you to reduce your giveaway, keep labour costs under control and increase productivity significantly.



SMART, CLEAR LINE CONTROL



SMART-LINE-SOLUTION

The traceability of the goods and packaging used is guaranteed via foodProcess from goods receipt to the end customer.



HIGHLIGHTS



Complete data recording of harvesting and/or production process



Intelligent productivity enhancement



Resource optimisation & cost reduction



Harvest recording directly in the field and/or in the production hall



Weight, time and activity recording



Data acquisition of performance, weight information & production times



Profit increase



Maximum reduction of give away



Efficiency enhancement



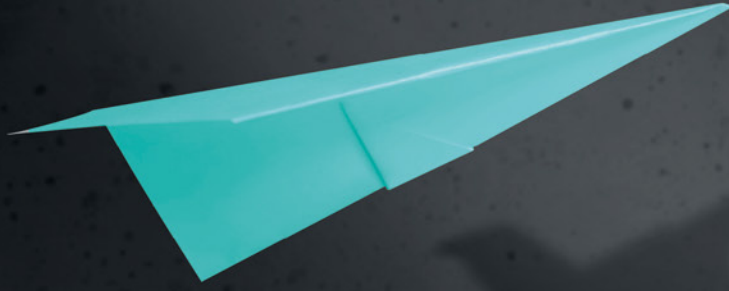
Quality enhancement



BIG INFO SOLUTION

SMART-LINE-SOLUTION

SMART OFFICE SOLUTION



Never give up.
Together we will reach new goals.



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