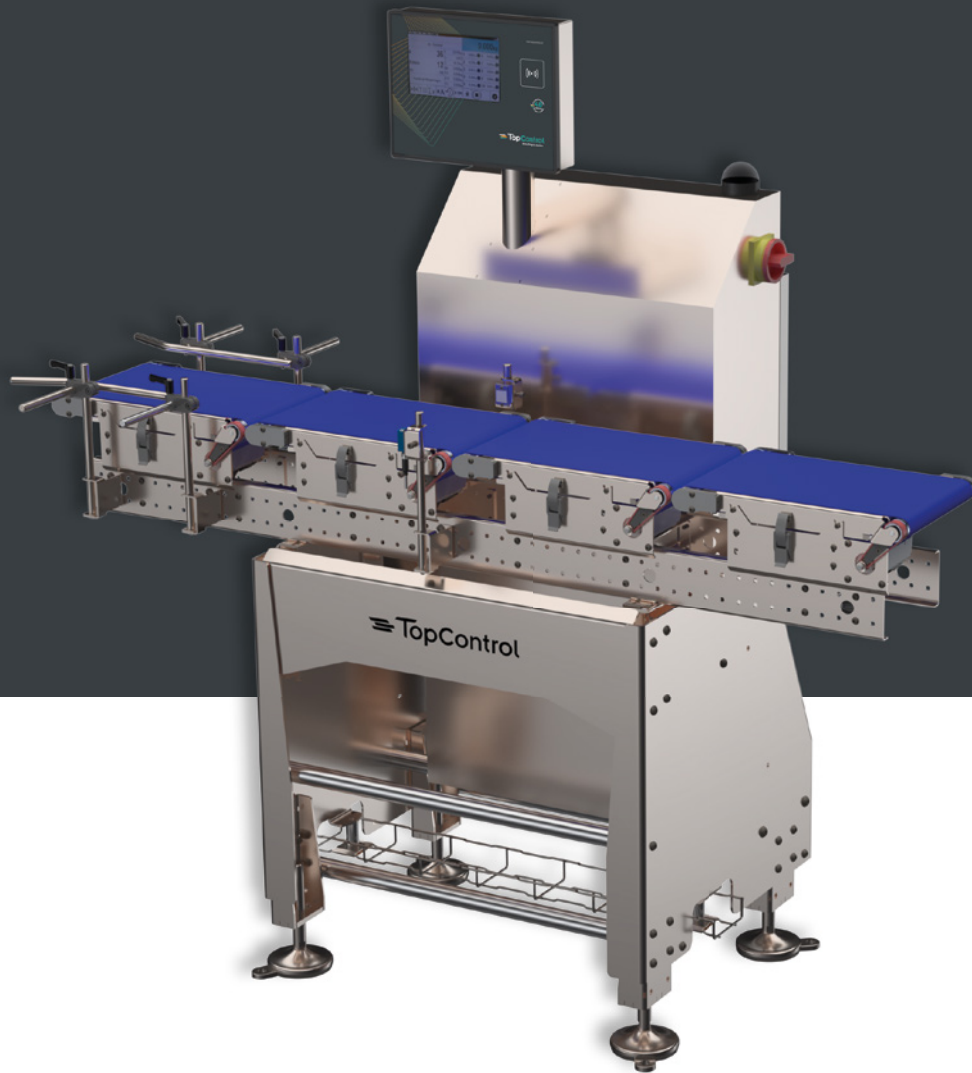




intelligent
weighing
solutions

TopControl
Everything in motion



Obst



Gemüse



Fleisch
verpackt



Fisch
verpackt



Käse
verpackt

IWS 200 Dynamic checkweigher

Efficient weight check directly at the
start of the production line

Optimisation of the giveaway and maximum productivity

Profit maximisation

ROI within 3-12 months



foodProcess

IWS 200

A fresh approach to weight management

Efficient weighing check right at the start of the production line: a quick overview of individual weights – without having to pick up a single pack

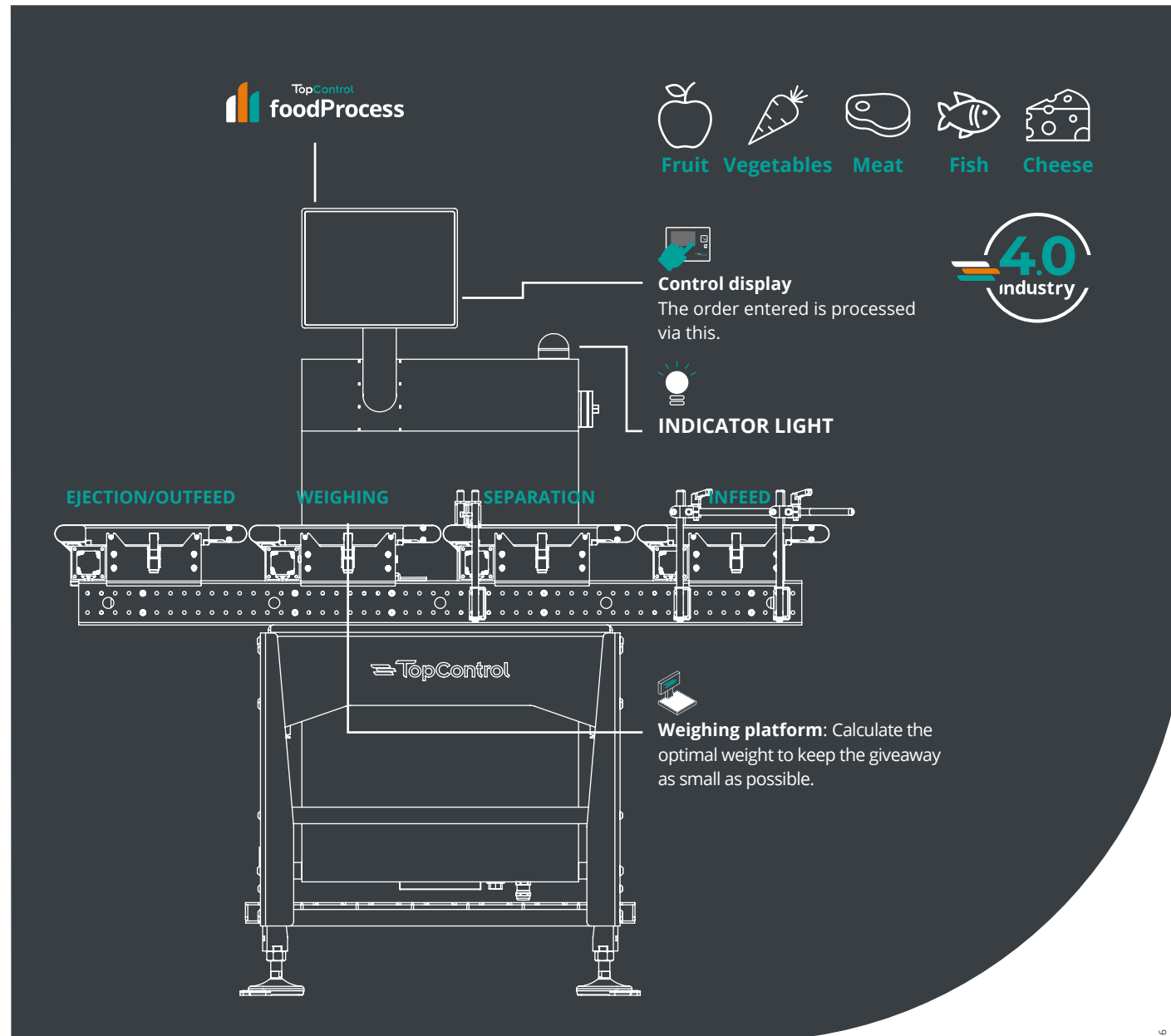
For anyone who packs fruit and vegetables efficiently, every second counts. The IWS 200, a non-calibratable checkweigher from TopControl, revolutionises the entry-point check of individual weights. Installed directly at the line entry, the IWS 200 performs fast and precise weight checks – fully automatically and without manual handling of each pack.

Operation is child's play: whether stand-alone or integrated via foodProcess, the IWS 200 adapts flexibly to your processes.

Only underweight or overweight packs are sorted out and corrected by staff. This saves valuable time and optimises staffing requirements.

The IWS 200 stands out thanks to:

- Compact, hygienic stainless steel construction, ideal for use in fresh produce logistics.
- Integration into foodProcess for seamless traceability and automatic batch logging
- Stand-alone operation possible
- Reliable recording of every individual weight: All packs passing through the IWS 200 are documented – giving you the exact incoming weight of the entire batch
- Rapid weight checking where no legal calibration is required, e.g. for internal quality assurance and the optimisation of downstream packaging processes.



HIGHLIGHTS



Recording of all individual weights via foodProcess



Profit maximisation



ROI within 3-12 months



Maximum productivity through the automatic separation of correctly and incorrectly weighed packs



Optimising the giveaway



Dynamic weight limit control



Packaging in accordance with WELMEC 6.4 / e-weighing for pre-packaged goods



Intuitive touchscreen with integrated LED display



Recording of batch weights via foodProcess



Speed: up to 120 packs per minute



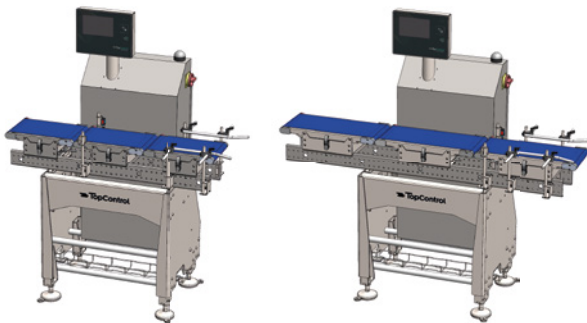
Full control and recording via the TopControl software

TECHNICAL SPECIFICATIONS

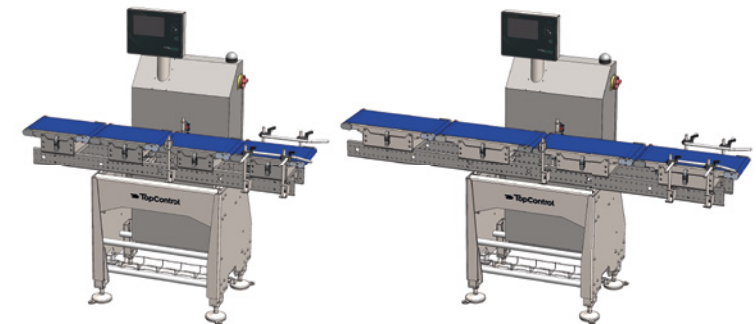
Weighing data	Weighing range: 3,000 g Capacity/graduation: 3 kg/1 g Minimum load: 50-150 g
Performance data	Max. throughput: 120 packs per minute
Direction of travel	right/left and left/right
Conveyor belt	Belt widths: 200 mm Belt lengths: 350 mm / 500 mm Belt types: Infeed – Separation/Synchronisation – Weighing – Ejection/Outfeed Belt colour: blue
Operating mode	Checkpoint – Weight check – Registration

Protection class - Instrument design	IP65 – compact, modular design in stainless steel
Interface	Ethernet
Colour LCD touchscreen	7-inch colour LCD touchscreen
Environmental conditions	Operating temperature: +5 °C to +40 °C Humidity: 20-90%, non-condensing
Power supply	Power supply: 100-240 V, 50-60 Hz Power consumption: 500-750 VA Compressed air supply: 6 bar during ejection
Operating languages	DE - IT - EN - ES - FR
(!) Non-calibratable scales for internal use	

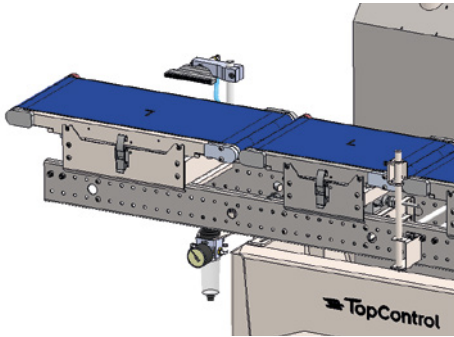
Configuration	3-band			4-band	
Infeed conveyor	I-350			I-350	I-500
Separation / synchronisation conveyor	S-350	S-350	S-500	S-350	S-500
Weighing	W-350	W-350	W-500	W-350	W-500
Ejection / Outfeed		O-500	O-500	O-500	O-500
Blow moulding nozzle		x	x	x	x
Pneumatic ejector			x		x
Pusher		x	x	x	x
Tray distributor	x	x	x	x	x
Front roller conveyor		x	x	x	x
Side roller conveyor (coming soon)		x	x	x	x



3-band: 350 mm or 500 mm

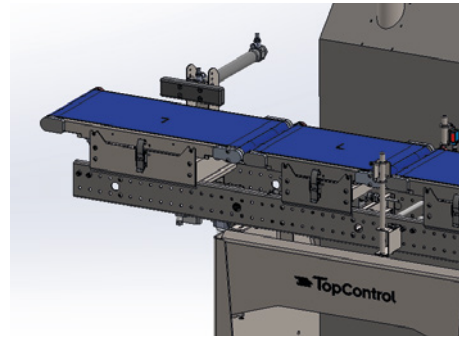


4-band: 350-track length or 500-track length



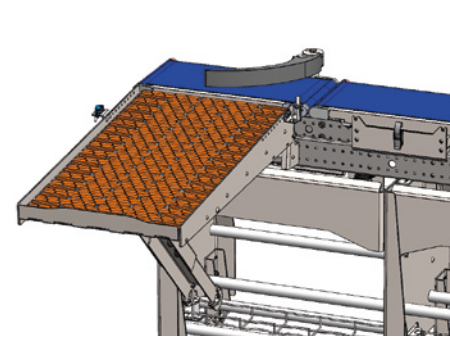
blow nozzle*

Ejection system using compressed air at the blow nozzle. Underweight packs are automatically ejected. Products are ejected sideways by a powerful blast of air. This is ideal for small, lightweight packaged products at high speeds.



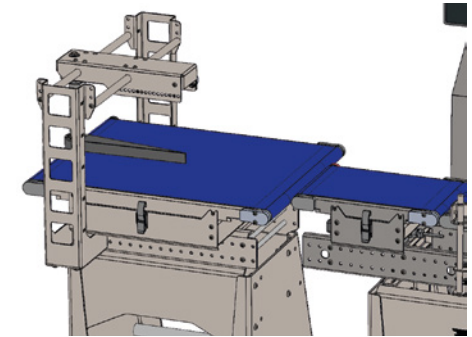
pusher*

The most common type of ejector is the flipper. The trays are ejected sideways by the ejector arm.



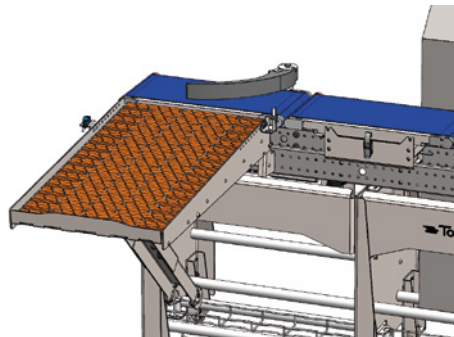
Tire-arm*

Products are pushed off the line to the side by activating an arm attached to a pneumatic cylinder. This is suitable for discharging products in small packages.



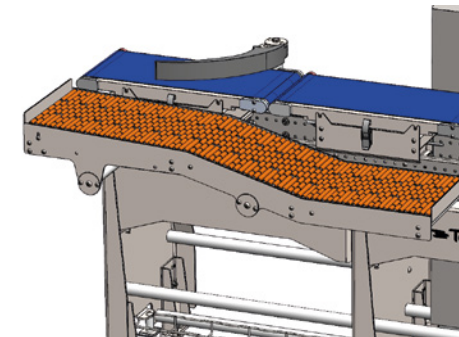
Tray distributor*

The tray sorter directs the weighed trays onto two different conveyor belts depending on the result: trays with weight deviations are sent to the correction belt, whilst correctly weighed packs are transported directly to the next station. In this way, only the underweight trays require reworking, whilst the correct products proceed through the process without delay.



Front-loading roller conveyor*

This discharge roller conveyor can be combined with blow-off, pusher or pneumatic arm discharge systems. This solution requires more space at the front, but makes the discharge process safer.



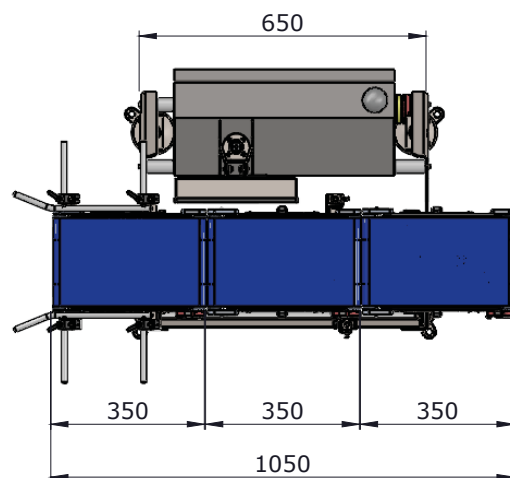
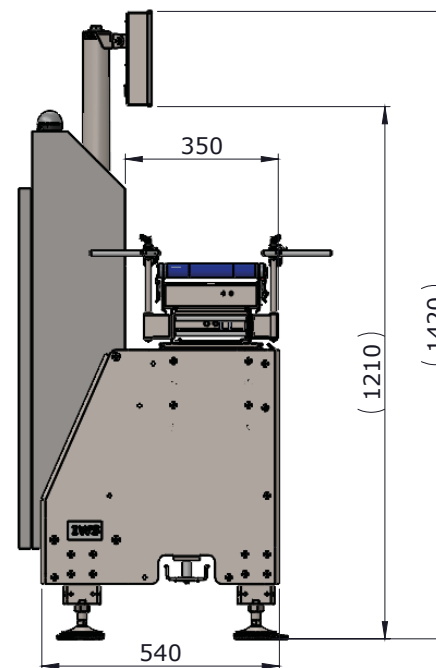
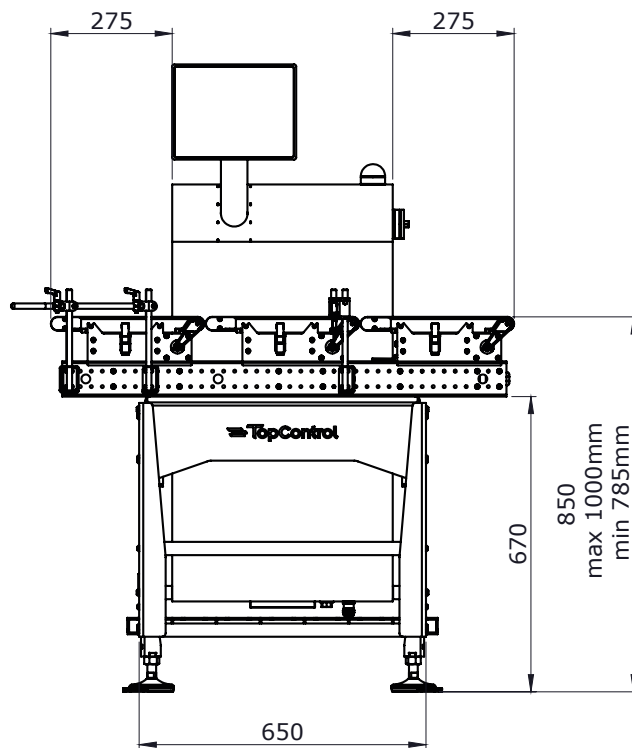
Side roller conveyor*

This discharge roller conveyor can be combined with blow-nozzle, pusher or pneumatic arm ejection systems. This solution takes up less space.

All ejection systems and roller conveyors are optional

Ejection systems for underweight packs are available on request.

Technical drawings



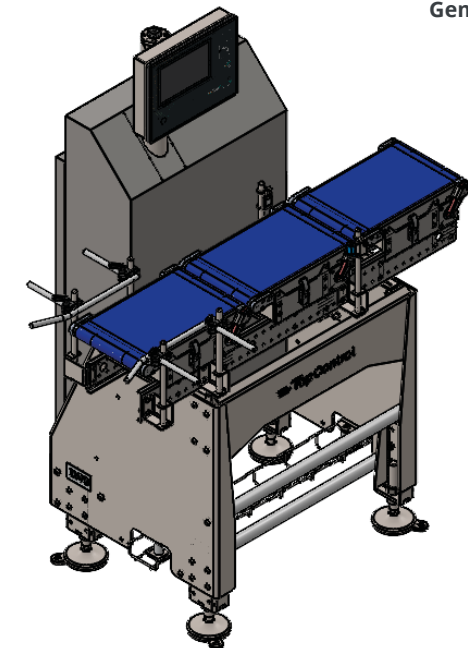
Ideal for vegetables, fruit, cheese, meat and fish packed in trays.



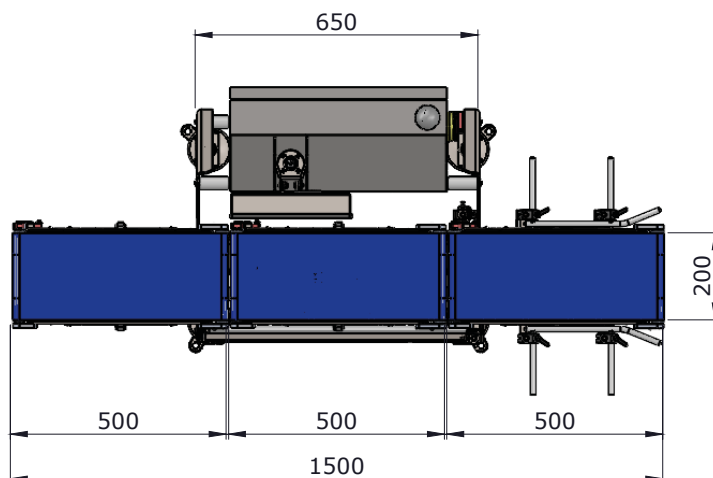
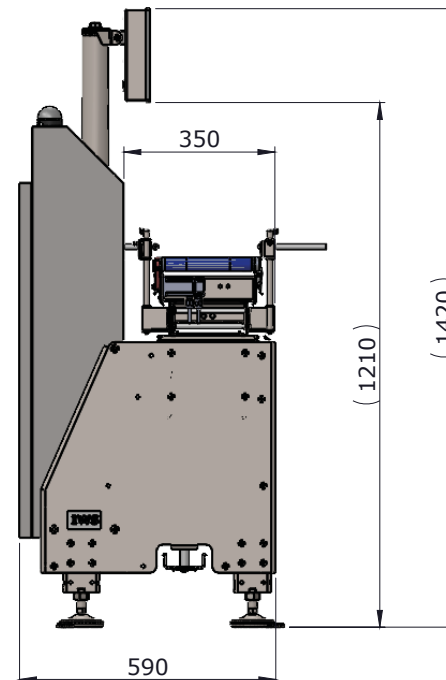
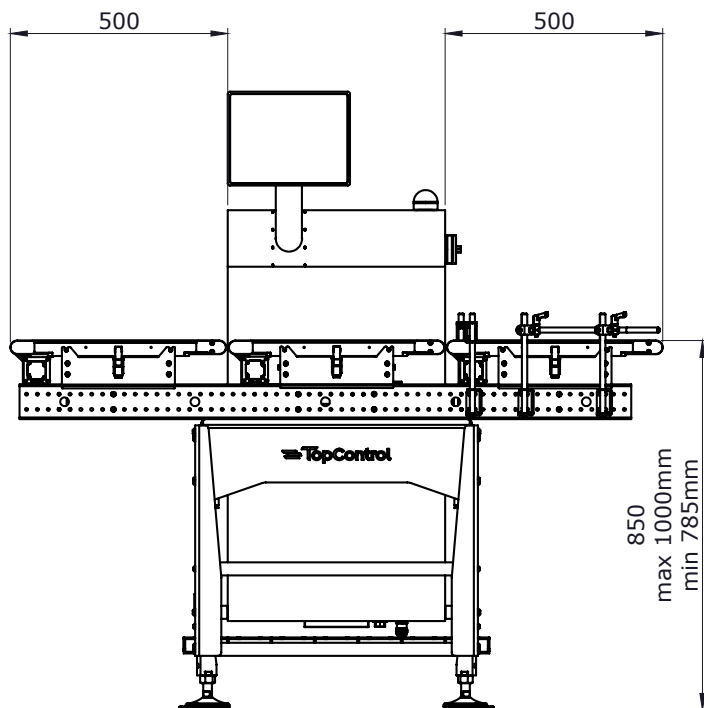
Obst



Gemüse



Technical drawings



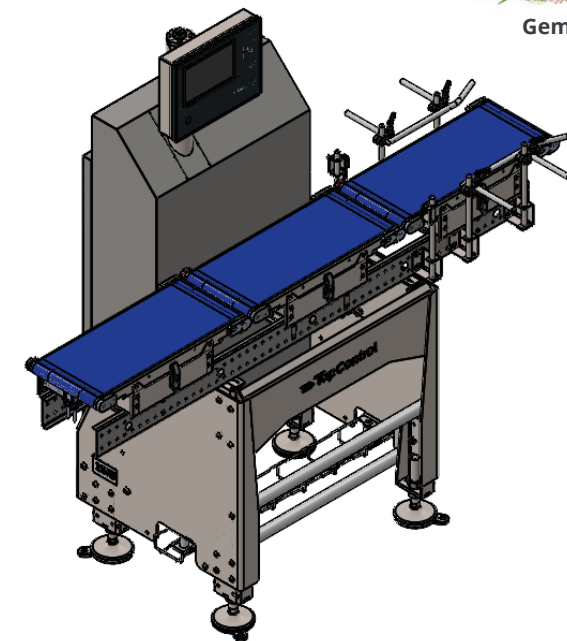
Ideal for vegetables, fruit, cheese, meat and fish packed in trays.



Obst

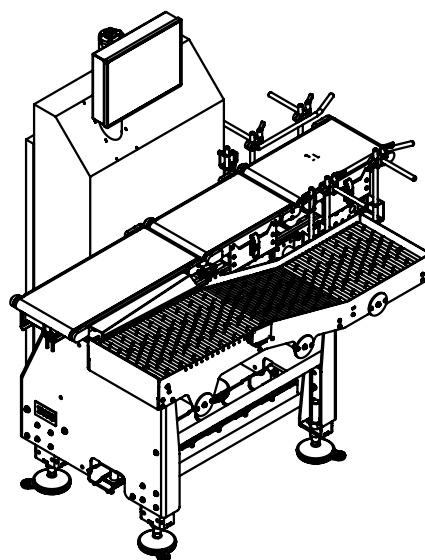
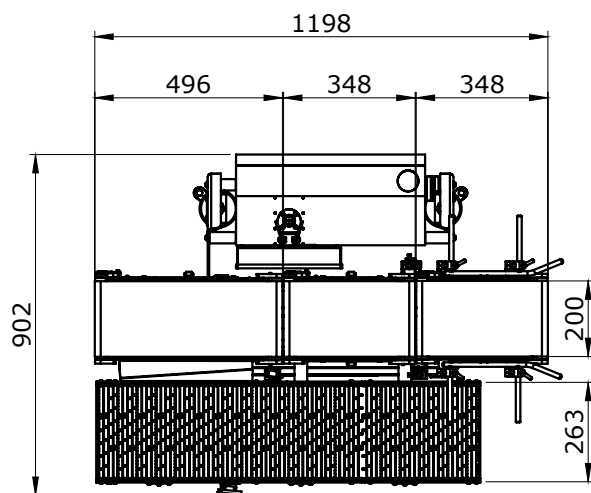
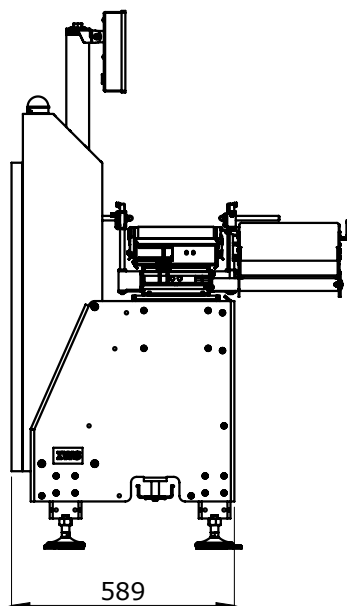
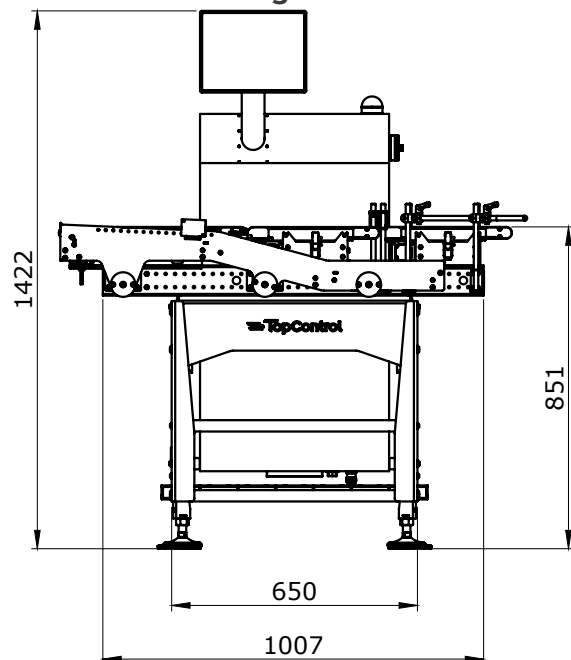


Gemüse



IWS 200 3-band-500 - rx-sx - sx-rx ; with a roller conveyor

Technical drawings



Ideal for vegetables, fruit, cheese, meat and fish packed in trays.



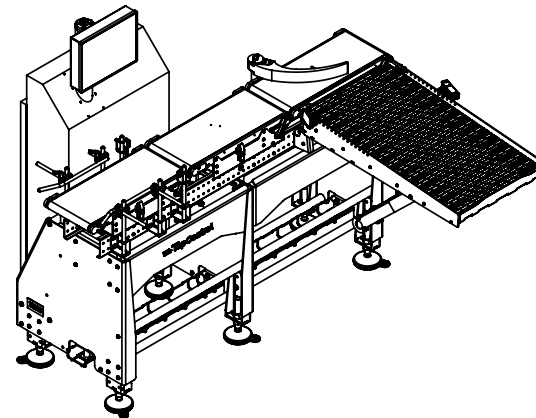
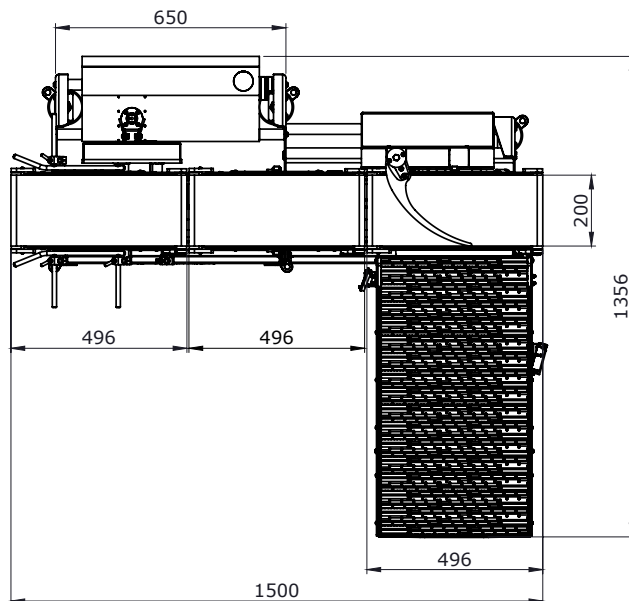
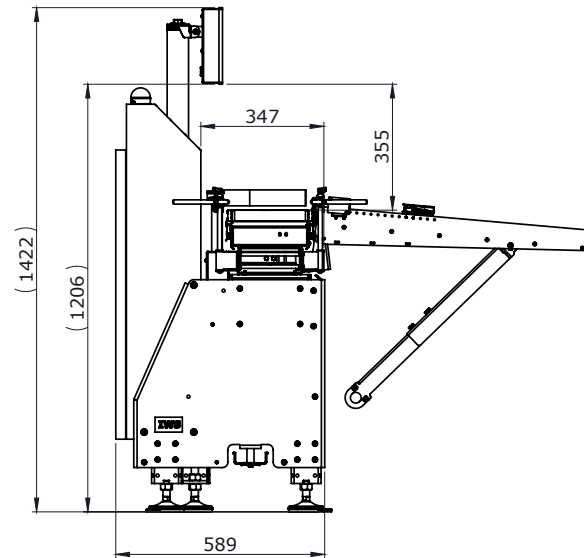
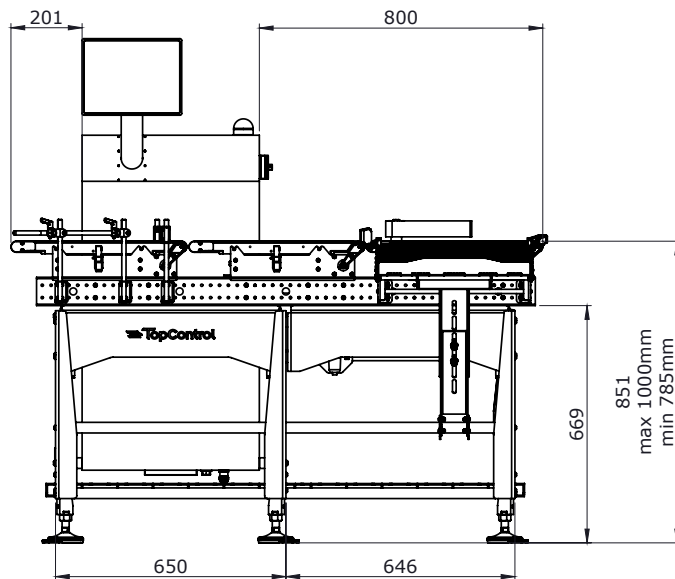
Obst



Gemüse

IWS 200 3-band-500 - rx-sx - sx-rx - With a pusher as the ejector

Technical drawings



Ideal for vegetables, fruit, cheese, meat and fish packed in trays.

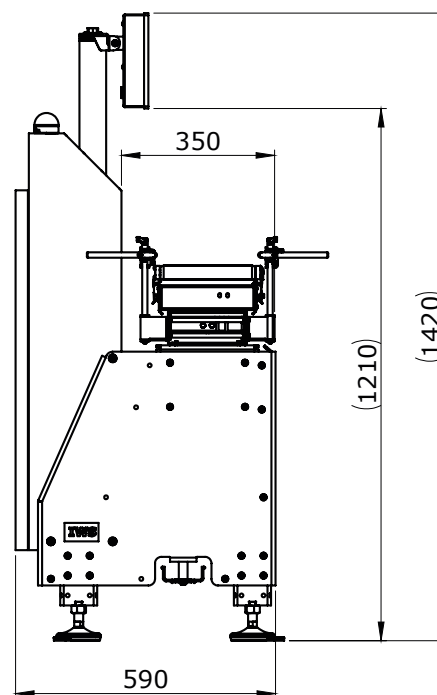
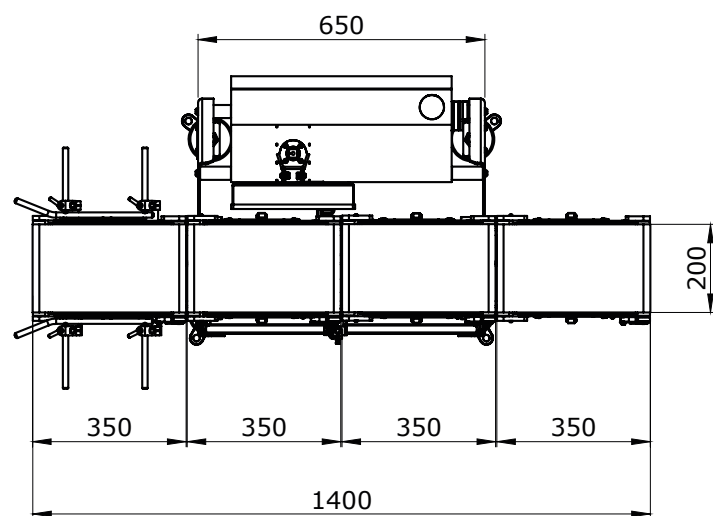
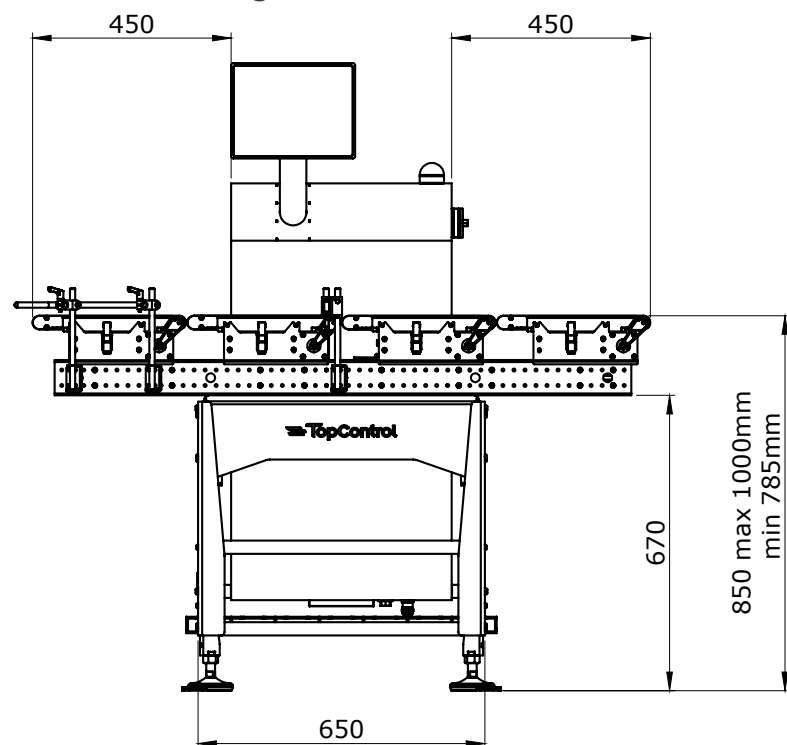


Obst



Gemüse

Technical drawings



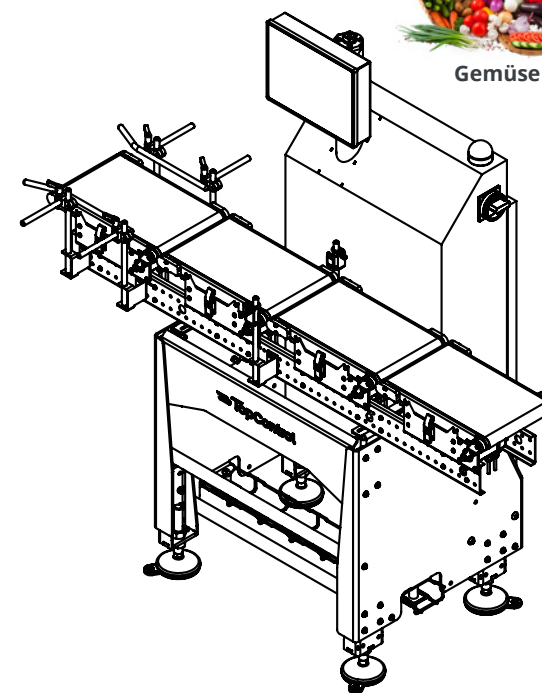
Ideal for vegetables, fruit, cheese, meat and fish packed in trays.



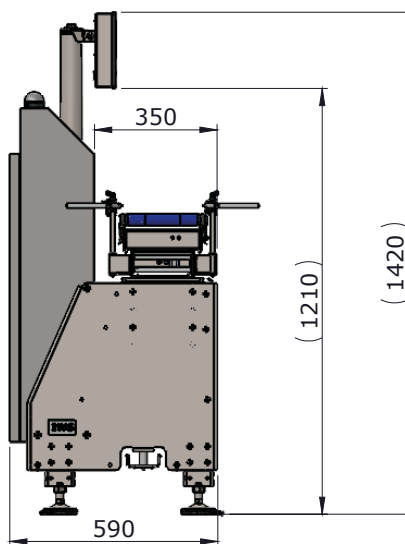
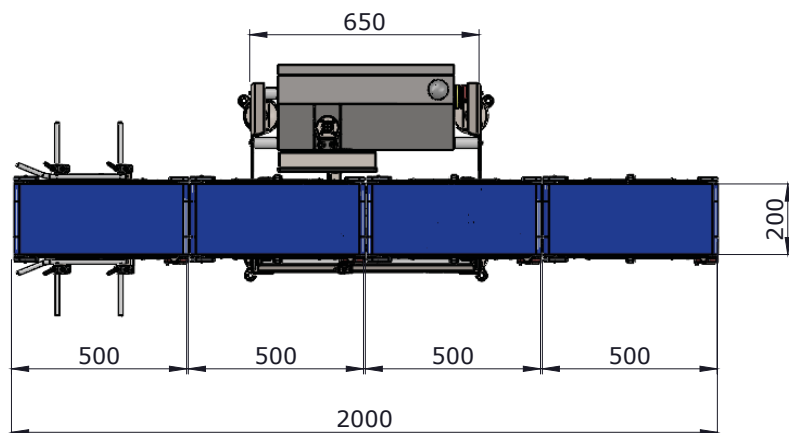
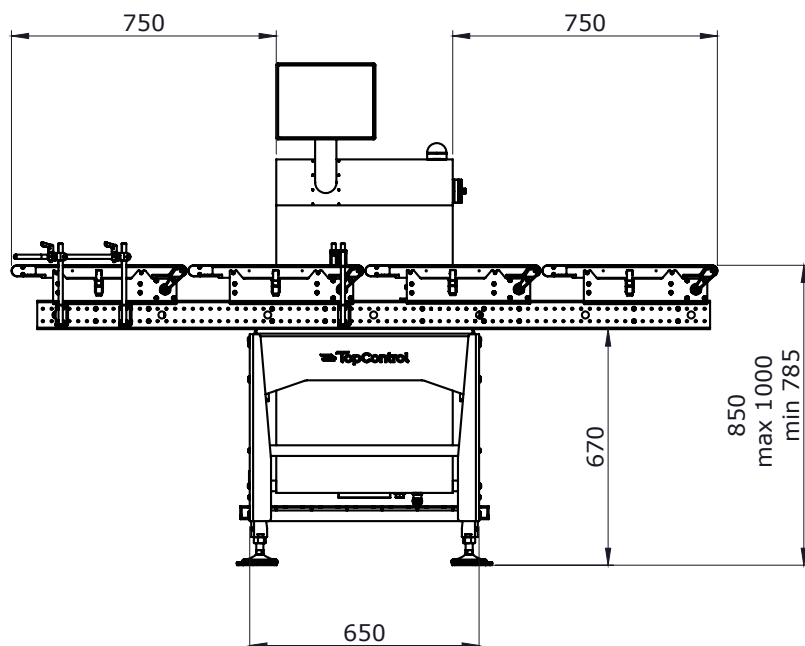
Obst



Gemüse



Technical drawings



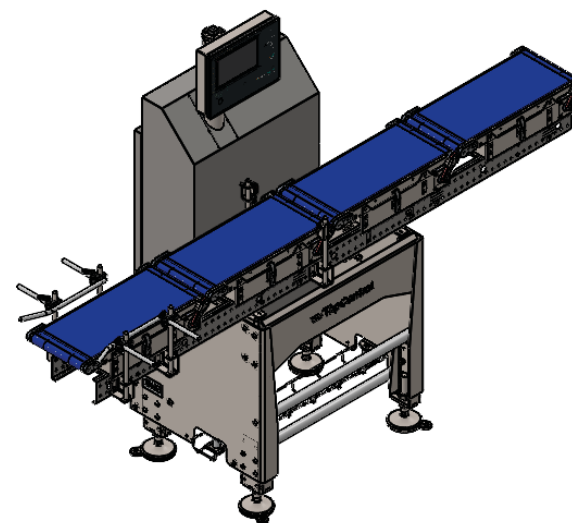
Ideal for vegetables, fruit, cheese, meat and fish packed in trays.



Obst



Gemüse





IWS 2000
Levelling scale



IWS 2500
Weighing station



RSC 9200
Removal scale



IWS 3000
Smart weighing table



MHP 1000
Combination scale



MHP 1100
Combination scale



MHP 1200
Combination scale



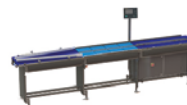
MHP 1300
Combination scale



MHP 2000
Combination scale



MHP 3100
Combination scale



MHP 5200
Automatic multibelt
scale



ST A500B
Automatic checkweigher
for transport packaging



ST EPW310
Dynamic scale for
bags



IWS 200
Checkweigher

intelligent
weighing
solutions



intelligent
labelling
solutions



GLM-B-S 80/100/200/300
High-performance
labeller



ILS 2100
Labeller for transport
packaging



ILS 3100
Labeller for transport
packaging

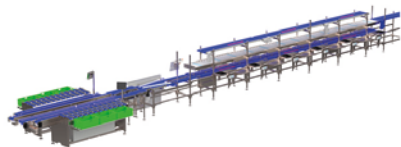


ILS 2900
Pallet labeller

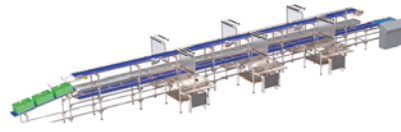


IWS 1500
Feldwaage

intelligent
packing
solutions



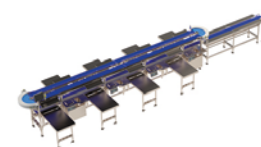
**IPS: Line with 4 levels and front weighing tables
and MHP 3000 semi-automatic combination scale**



IPS: Line with 4 levels and lateral weighing tables



**IPS small: Line with 2 levels and front weighing
tables and automatic checkweigher**



IPS small
Rundlauflinie

smart
software
solutions

