

MHP 3000

# Semi-automatic Combination scale

Maximum packaging speed



Profit maximisation



ROI within 3-12 months



Suitable for small packs



# MHP 3000

Semi-automatic combination scale

With the semi-automatic combination weigher MHP 3000, pre-filled or empty small packages of table grapes or tomatoes are precisely completed with the missing weight. The amount of wasted goods and the required time can be kept to a minimum.

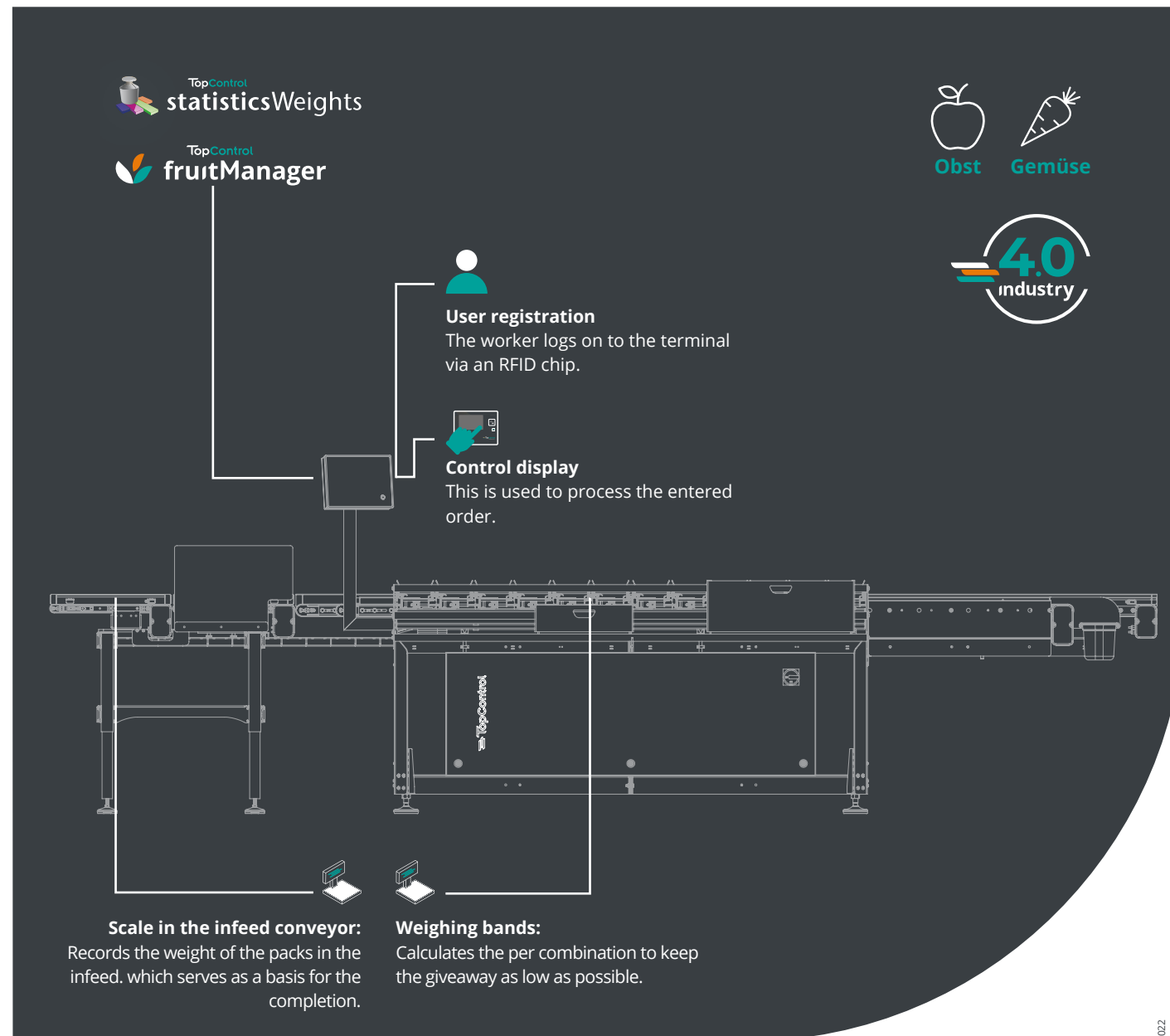
The first row with 12 weighing belts are loaded with the products by one worker. The scales installed in the infeed conveyor record the weight of the incoming trays in real time and determine the missing weight. The products that reach the weight are then automatically transported to the conveyor belt to be finally filled into the punnets by a worker.

In order to guarantee the quality of the products, these products are manually filled into the punnets.

The MHP 3000 is a flexibly applicable weighing system which, in addition to completion, has the operating modes equalisation on belt scales, combination weighing and throughput.

The MHP 3000 offers a significant increase in efficiency in the packaging process. A possible overweight of the packaging will be reduced to less than 1%. The automatic output of the goods saves an immense amount of time and resources.

This noticeably reduces costs and increases profits. In conjunction with the TopControl software, all weight data and personnel times are recorded and flexibly evaluated.



## HIGHLIGHTS



Maximum packaging speed



Profit maximisation



ROI within 3-12 months



Suitable for small packaging



Minimisation of the work steps



Maximum reduction of the giveaway



Flexible applicable



Even more than 30 packs/minute



Packing according to WELMEC 6.4/e for pre-packed goods



Robust and hygienic construction stainless steel construction IP65



Intuitive Touchdisplay



Efficient working time recording through integrated transponder reader

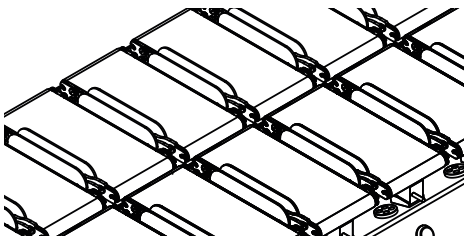


Optimal integration into the TopControl software for recording and evaluating the data

## TECHNICAL FEATURES

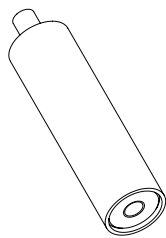
COMBINATION SCALES	24 WEIGHING BELTS
Load capacity/division	3 kg/1 g
2 built-in scales in the infeed conveyor	Load capacity/division: 3 kg/1 g - 6 kg/2 g
Max. Tray size (L x W)	220 x 190 mm
Operating modes	Completion Levelling on belt weigher Combination Passage
Running direction	right/left or left/right
Display	Colour LCD touch display 7 inch
System interfaces	Ethernet 10 Base T, TCP/IP, RS 232, RS 422
Protection class	IP65
Unit design	Compact modular design in stainless
(!) Non-verifiable scales for internal use	

Version	Running direction		Crate tray	Height extension 120 mm
	left-right	right-left		
MHP 3000 with 24 weighing belts	x	x	x	x



Weighing belts

The 24 weighing belts of the MHP 3000 are available with the dimensions 220 x 190 mm (L x W). These are used to calculate the optimum weight with the minimum giveaway and to transport the product further.

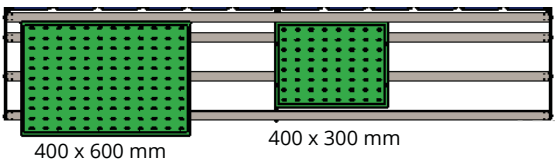


Foot extension

Ergonomic foot extensions allow the combination scale to be adapted to the workers and thus ensure more comfortable working for the entire working time.

The right working height enables the workers to be faster and to tire later.

The foot extension allows for an additional height of 120 mm.



Ergonomic crate tray

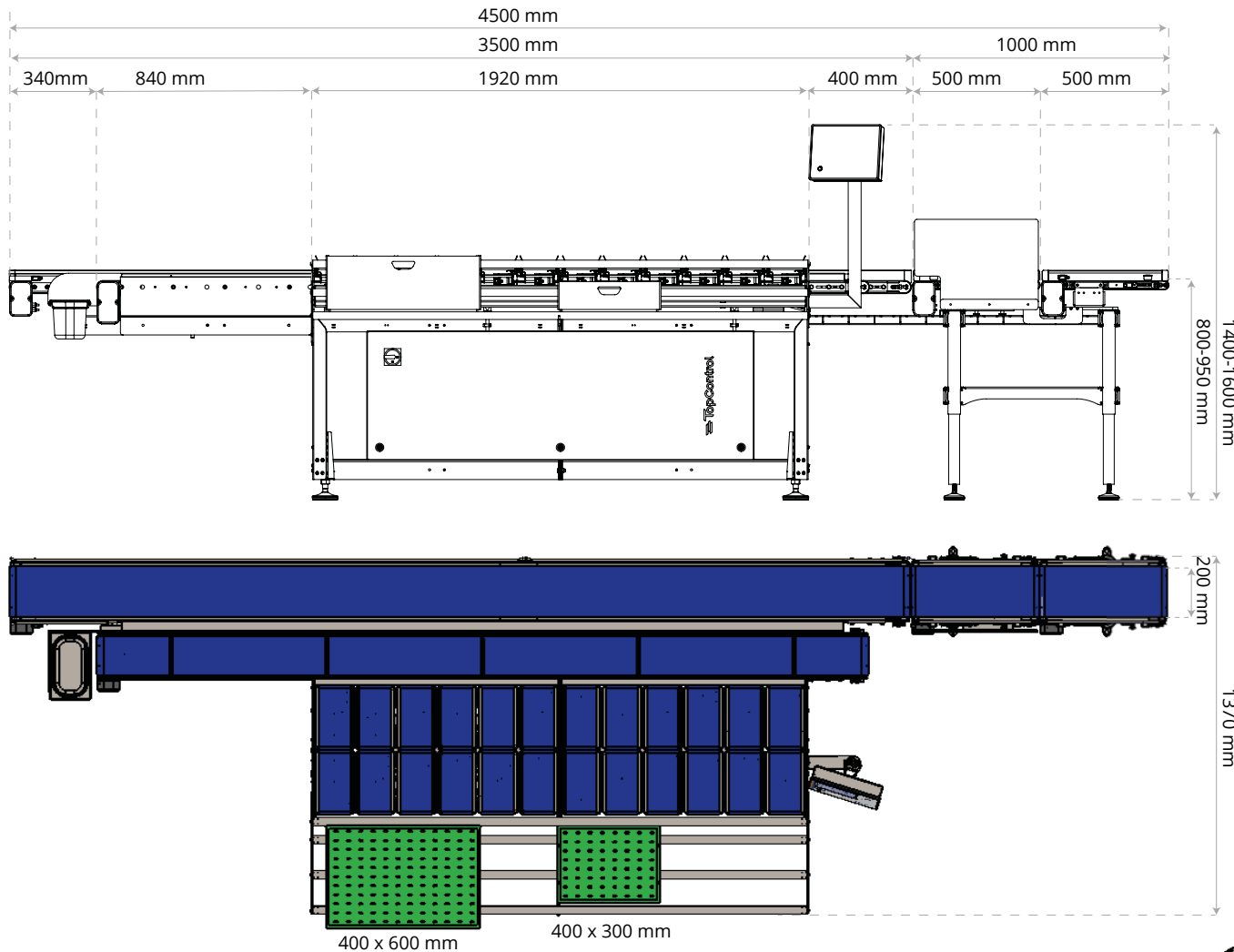
To ensure fast and optimised work, optional, ergonomically adapted crate trays can be mounted on the combination weigher. The incoming products can be placed on these. The settings enable a comfortable working method that has been thought through as a whole.

The workers have the full crates at their fingertips.

# MHP 3000

Combination scale - running direction right-left or left-right

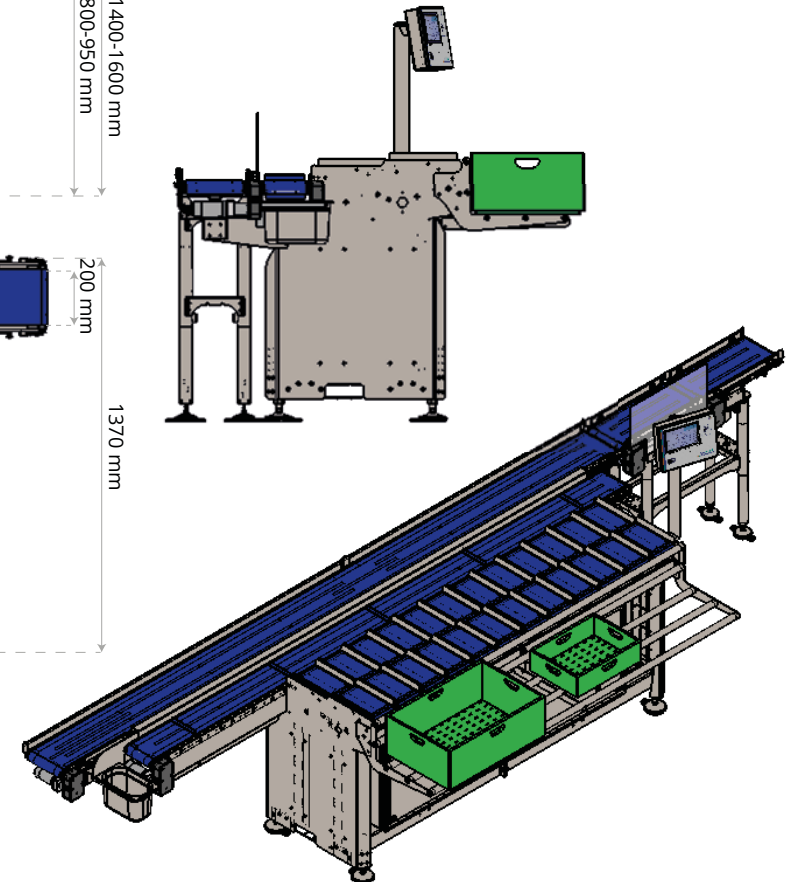
## Technical drawings



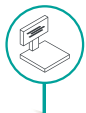
Optimised for:



\*ergonomically height adjustable  
with the optional foot extension an  
additional 120 mm height is possible



intelligent  
weighing  
solutions



**SSC 9200**  
Levelling scale



**RSC 9200**  
Removal scale



**IWS 3000**  
Smart weighing table



**MHP 1000**  
Combination scale



**MHP 1200**  
Combination scale



**MHP 1300**  
Combination scale



**MHP 2000**  
Combination scale



**MHP 2100**  
Combination scale



**MHP 3000**  
Combination scale



**MHP 5200**  
Automatic multibelt  
scale



**CWT 1000**  
Automatic  
checkweigher



**CWT 500**  
Automatic checkweigher  
for transport packaging



**ST A500B**  
Automatic checkweigher  
for transport packaging



**ST EPW310**  
Dynamic scale for  
bags

intelligent  
labelling  
solutions



**GLM-B-S**  
High-performance  
labeller



**ILS 3000**  
Labeller for transport  
packaging



**GLT maxx 9000**  
Labeller for transport  
packaging



**GPH maxx 7-8-9000**  
Pallet labeller



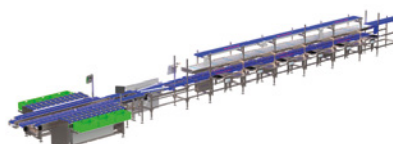
**ILS 3800**  
Pallet labeller

intelligent  
closing  
solutions

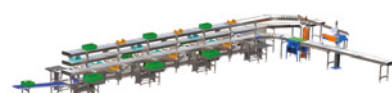


**ICS 1000**  
Automatic gluing machine  
for carton packs

intelligent  
packaging  
solutions



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



**IPS:** Line with 4 levels and front weighing tables,  
automatic checkweigher and labeller



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

smart  
software  
solutions

