TopControl
Everything in motion

intelligent **weighing** solutions

MHP 2000

Multihead processing system

Maximum packaging speed

Profit maximization

ROI within 3-12 months

Suitable for small punnets

4.0 industry

TopControl **fruitManager**

statisticsWeights

MHP 2000 Multihead processing system
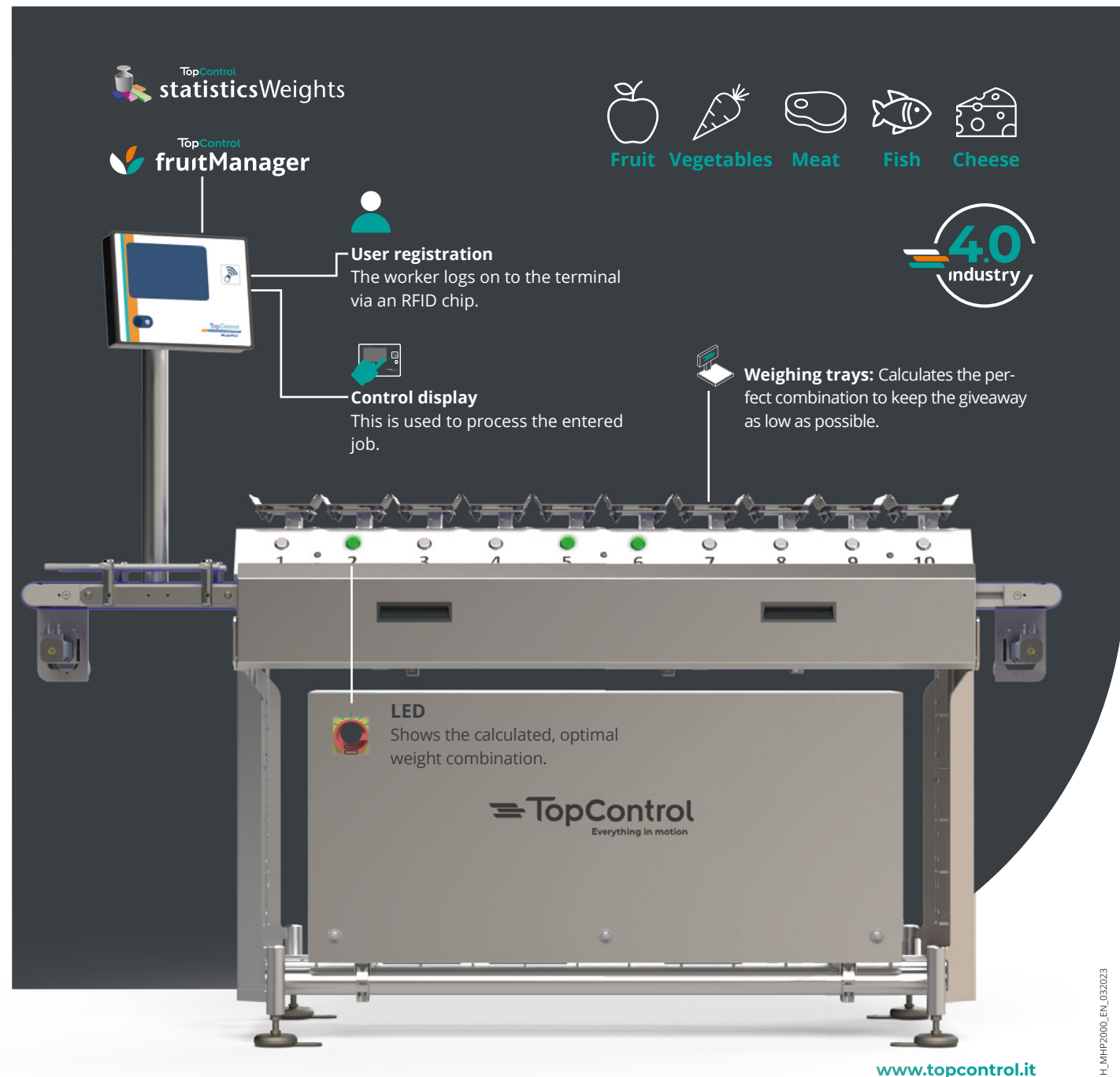
TopControl — Everything in motion

The multihead processing system MHP2000 processes prefilled small punnets of fruit, vegetables, meat and cheese to ensure a minimal giveaway amount.

The ten weighing scales on the MHP2000 are manually loaded by an operator to add the final piece to the prefilled small punnets for automatic weight optimization. With two scales installed into the infeed belt, the MHP2000 can determine the missing product amount or the missing product combination totals in real time. The operator only needs to observe the green LED-indicator to reach the defined target weight.

The MHP2000 is a flexible weighing system that, in addition to a standard weighing mode for a completed product also has options for weighing on a conveyor belt, combination weighing and throughput.

The MHP2000 offers a significant increase in efficiency in the packaging process. The optimal combination of the products reduces the giveaway to a minimum while the packaging speed is improved with minimal personnel deployment. This noticeably reduces costs and increases profits.

Connected with the TopControl software StatisticsWeights all weights and staff times are completely recorded, for efficient evaluation and reporting.

weighingsolutions
TopControl

TopControl **statistics**Weights

TopControl **fruit**Manager

Fruit   Vegetables   Meat   Fish   Cheese

4.0 industry

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

Control display
This is used to process the entered job.

Weighing trays: Calculates the perfect combination to keep the giveaway as low as possible.

LED
Shows the calculated, optimal weight combination.

TopControl
Everything in motion

HIGHLIGHTS

Maximum packaging speed

Profit maximization

ROI within 3-12 months

Suitable for small packaging

Minimisation of the work steps

Maximum reduction of the giveaway

Flexible use

Also more than 25 packs/ minute

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

Robust and hygienic design in stainless steel - IP65

Intuitive touch display

Efficient staff time recording with integrated RFID reader

Optimal integration in the TopControl software for data registration and analysis

TECHNICAL PROPERTIES

| COMBINATION SCALE	8 OR 10 WEIGHING TRAYS
Weighing range/division	3 kg/1 g
Scale in infeed conveyor	Weighing range/division: 3 kg/1 g - Maximum weight 10 kg
Max. punnet size (L x W)	220 x 190 mm
Operating modes	Completion weighing on infeed belt combination throughput
Transport direction	right-left or left-right
Display	Colour LCD touch display 7 inch
Interfaces	Ethernet 10 Base T, TCP/IP, RS 232, RS 422
Protection	IP65
Unit design	compact and modular structure in stainless steel
(!) Non-verifiable scales - for internal use	

Model	Direction		Storage for boxes	Foot extension 120 mm
	left-right	right-left		
MHP 2000 with 10 weighing trays	x	x	x	x
MHP 2000 with 8 weighing trays	x	x	x	x
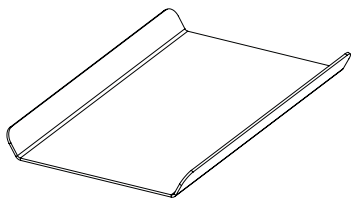
Weighing trays

The 10 weighing trays of the MHP 2000 are available with the dimensions 250 x 140 mm (L x W). These are used to calculate the optimum weight with the minimum giveaway.

With the version MHP 2000-8 you get 8 weighing trays which have a distance to each other so that products with a maximum width of 190 mm can be weighed on them.
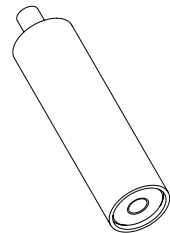
Foot extension

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

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

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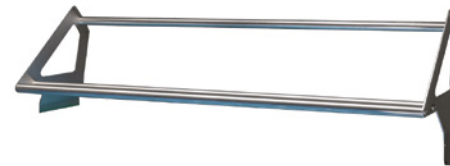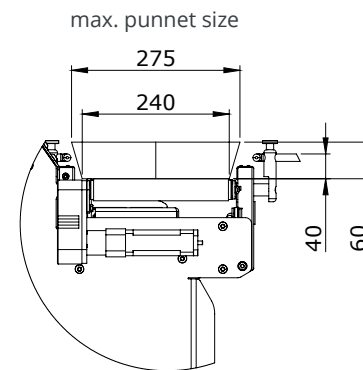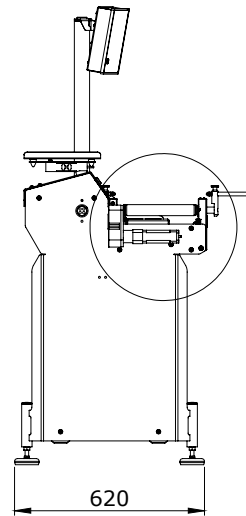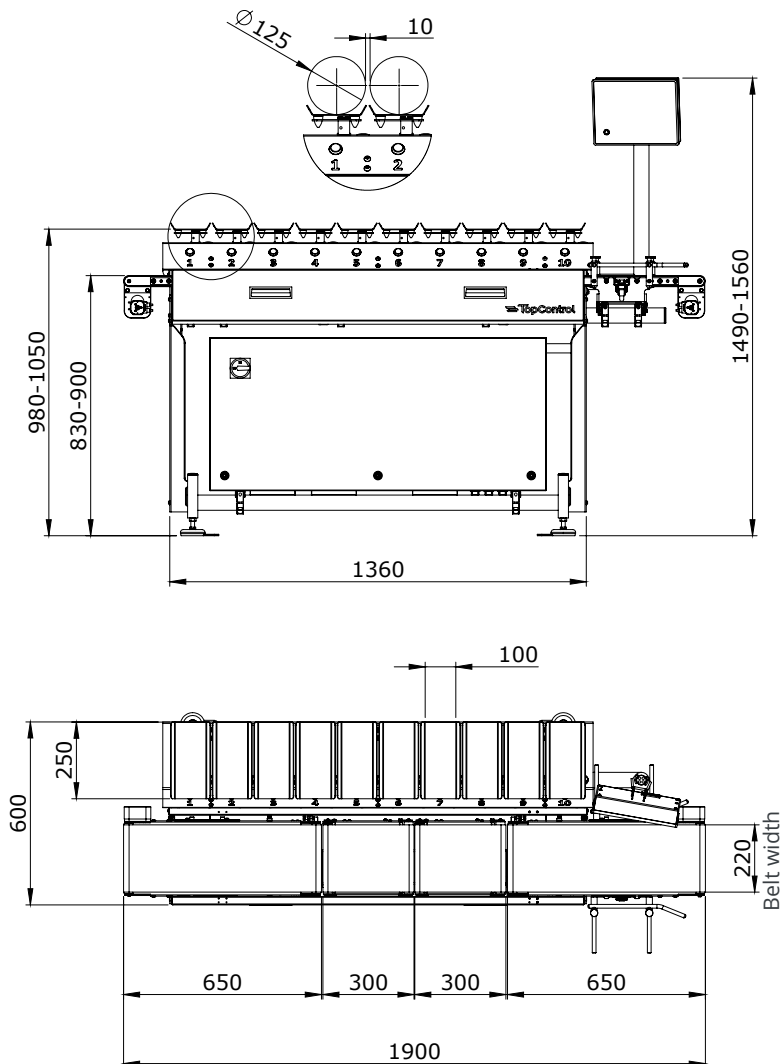
Ergonomic storage for boxes

In order 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 always have the full boxes at hand.
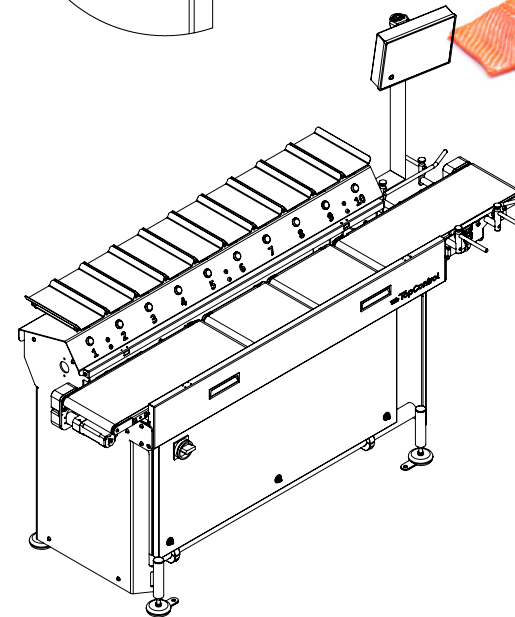
Technical drawings

Ø 125 · 10

1490-1560

980-1050 · 830-900

1360

620

Optimised for medium-sized vegetables and fruit, cheese, meat and fish.

max. punnet size

275
240

40 · 60

*ergonomically height-adjustablewith the optional foot extension, an additional 120 mm height is possible

100

250

600

220 · Belt width

650 · 300 · 300 · 650

1900

Technical drawings

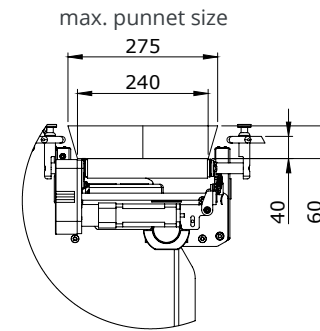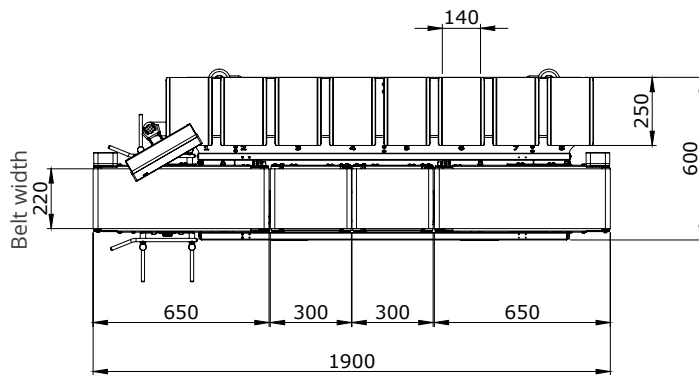**Optimised for** medium-sized vegetables and fruit, cheese, meat and fish.

Ø190

10

1490-1560

830-900

980-1050

1360

620

max. punnet size

275

240

40

60

140

250

600

Belt width

220

650   300   300   650

1900

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

TopControl
Everything in motion

improve
yourself
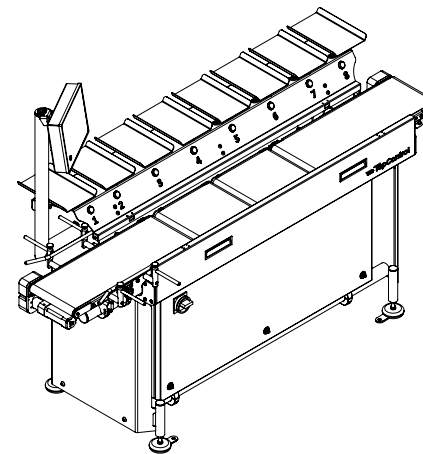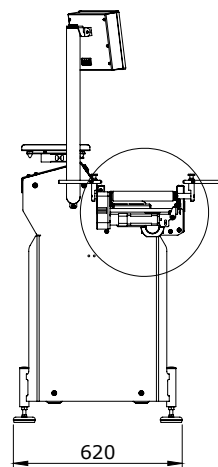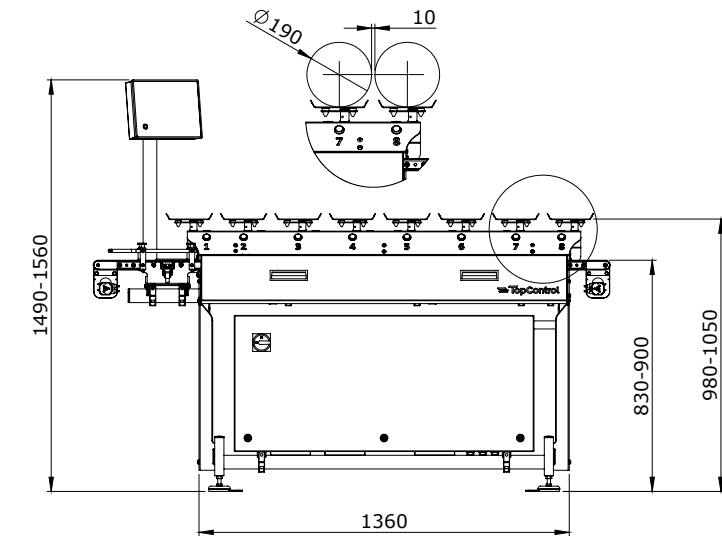
Our Service Center at your side

intelligent weighing solutions

SSC 9200
Levelling scale

RSC 9200
Removal scale

IWS 3000 — NEW
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 — NEW
Combination scale

MHP 5200
Automatic multibelt scale

CWT 1000
Automatic checkweigher

CWT 500 — NEW
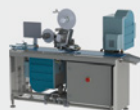Automatic checkweigher for transport packaging

ST A500B
Automatic checkweigher for transport packaging

ST EPW310
Dynamic scale for bags

intelligent labelling solutions

GLM-B-S
High-performance labeller

ILS 3000 — NEW
Labeller for transport packaging

GLT maxx 9000
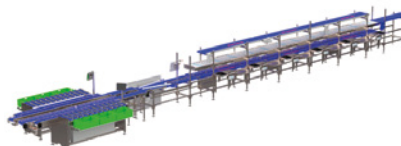Labeller for transport packaging

GPH maxx 7-8-9000
Pallet labeller

ILS 3800 — NEW
Pallet labeller

intelligent closing solutions

ICS 1000 — NEW
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

TopControl foodProcess — COMING SOON

TopControl fruitManager

TopControl storageMove

statisticsWeights

TopControl GmbH · Srl · Office +39 0471 319 999 · marketing@topcontrol.it · **Sales** sales@topcontrol.it

industry 4.0

kiwa certified

H_MHP2000_EN_032023