




intelligent
weighing
solutions

IWS 3000

Smart weighing table

Ergonomic, robust & hygienic workstations



Integrated weighing technology



Innovative lighting technology



IWS 3000 · Weighing table · ergonomic, hygienic and efficient

The new, smart weighing tables from TopControl can be used as a stand-alone device or integrated into a packaging line tailored to the customer and make the packaging and repackaging process easier than ever before.

With the integrated system scale, which shows the right weight or the missing or surplus quantity by means of an LED display with colour scale, it is easy to fill the correct packaging quantity into the trays in the shortest possible time and to guarantee a minimum giveaway.

The tables are made of robust and hygienic stainless steel and comply with the standards for the food industry. Ergonomically designed for ease of use, they can be adjusted to suit the worker, making them easier and quicker to use.

The weighing tables represent a significant increase in efficiency in the packaging process. Other options such as waste bins in different sizes, daylight LED lighting and flexibly adjustable crate trays guarantee the highest quality that meets your requirements.

Due to the high accuracy of the scales, the packaging speed is increased with a minimum of personnel. This noticeably reduces costs and increases profits. In conjunction with the TopControl software, all weight data and staff times are recorded and flexibly evaluated.



4.0 industry

Fruit Vegetables Meat Fish Cheese

Lighting*
Daylight-bright illumination through which better quality can be guaranteed. Can be integrated into the line.

Control display
This is used to process the order entered. The LED display shows how many products are still missing or too many in the tray.

Integrated weighing platform
The LED display integrated into the table makes it easy to fill the right weight into the trays.

Intelligent software*
Fully automatic production control and traceability right through to labelling.

TopControl foodProcess

*optional

HIGHLIGHTS



Maximum packaging speed



Profit maximisation



ROI within 3-12 months



Suitable for transport and small packaging



Minimisation of the work steps



Maximum Giveaway reduction



Stand-alone and integrated into packaging lines



Robust and hygienic stainless steel construction - IP65



Integrated, intelligent LED bar with intuitive quantity indication



Intuitive Touch display and LEDs with colour scale



Efficient working time recording through integrated RFID transponder reader



Optimal integration into the TopControl software for complete recording and evaluation of the data

TECHNICAL PROPERTIES

Weighing platform (with load cell Inox)	Weighing range		
200 x 300 mm (preload 2,8kg)	6kg/1g	15kg/2g	-
300 x 400 mm (preload 4,3kg)	6kg/1g	15kg/2g	30kg/5g
Display	Colour LCD touch display 3.2 inch Option 1: on the table Option 2: under the table		
LED bar	Optionally integrated into the table in front of the weighing platform		

System interfaces	Ethernet 10 Base T, TCP/IP, RS 232, RS 422
Protection class	IP67
Unit design	Compact modular design in stainless steel
Power supply	Adapter 24V
Electrical power	10W
Interfaces	WLAN 2.4Ghz

(!) Non-verifiable scales for internal use

Description		Single	Double
Size [mm]		1100 x 600	1100 x 1200
Box storage [mm]	height adjustable at the sides	600 x 400	
	under the table	1000 x 510	
Plexiglas partition [mm]	with personalised customer logo	905 x 760	

Waste bin made of polycarbonate Colour black	Size 1,8 l - 2 Stk	265 x 162 x 65 mm
	Size 2,8 l - 2 Stk	265 x 162 x 100 mm
	Size 4,0 l - 2 Stk	265 x 162 x 150 mm
	Size 4,0 l - 1 Stk	325 x 265 x 65 mm
	Size 6,0 l - 1 Stk	325 x 265 x 100 mm
	Size 8,9 l - 1 Stk	325 x 265 x 150 mm
	Size 11,7 l - 1 Stk	325 x 265 x 200 mm



Ergonomic box shelf

In order to ensure fast and optimised work, height-adjustable crate supports can be attached to the weighing tables. These are adjusted to the height of the crates. The ergonomic adjustment prevents premature fatigue of the workers.

An additional crate tray can also be placed under the table.

This way, the workers always have the full crates at hand.

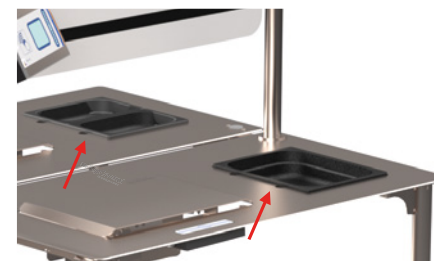


Plexiglas partition

The optional Plexiglas cut-offs on the weighing tables ensure more concentrated and thus faster and more accurate work. At the same time, a Covid-compliant workplace can be guaranteed.

The daylight-bright lighting is integrated into the Plexiglas partition.

The customer's logo is printed in the designated area of the partition.



Waste bin

Also take advantage of the possibility to collect the waste generated via the individually selectable polycarbonate waste bins.

Height adjustment

Our weighing tables are supplied with a height-adjustable work surface (up to 30 cm). This allows you to adjust the work surface to your workers for a more comfortable work.

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



Integrated system scale

The levelling scale optimises the giveaway of the goods to be bagged. Integrated into the network, the weights are recorded directly in the central TopControl software, thereby increasing yields by avoiding unnecessary overfilling. The high accuracy of the scales and the intuitive operation allow considerable savings in both time and product costs.

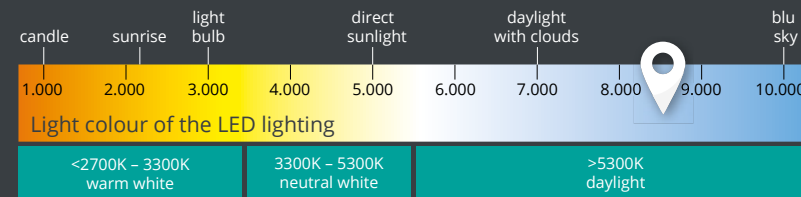
FUNCTIONS

- Dynamic control of weight limits Leveling or removal weighing definable per item
- Recording of incoming batches and waste

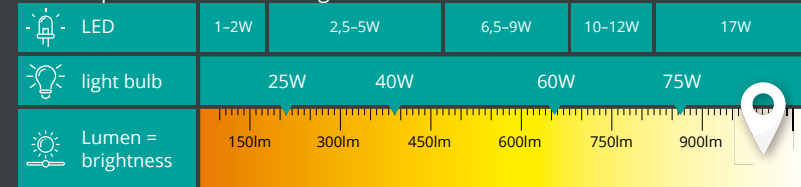


LIGHTING:

Frontal weighing table: only if level 3 is present.
 Lateral weighing table: 4000k - 2 pcs. 2550lm (5100lm) each - CRI>92 - 2 x 17W
 Better quality can be guaranteed by the daylight-bright illumination. Integrated in the Covid-comfortable plexiglass partition incl. customer logo, it ensures the optimal position and brightness.



Consumption in relation to brightness



SHORT DESCRIPTION

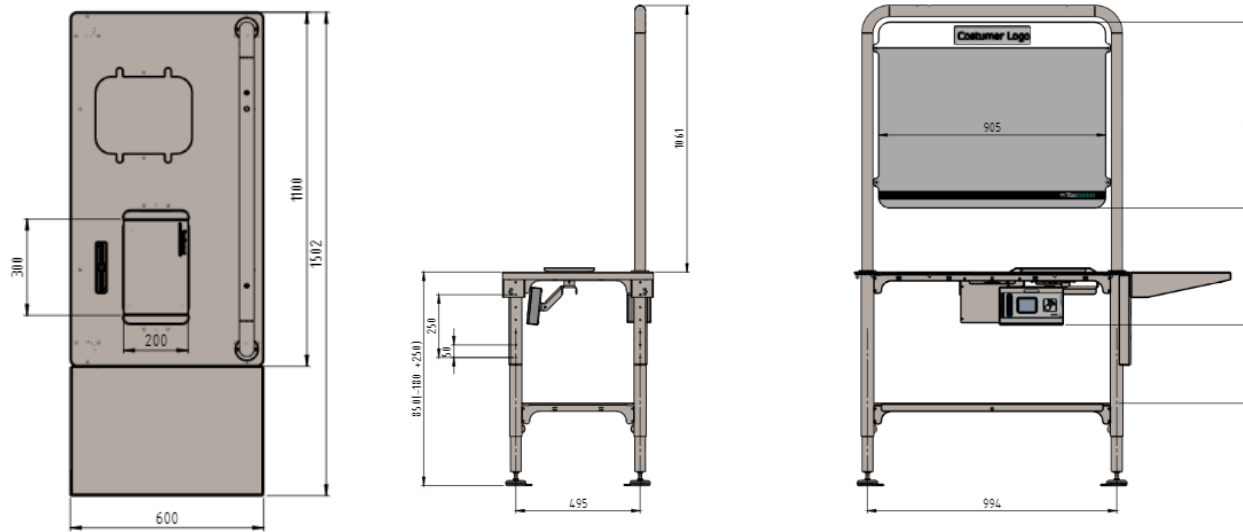
CRI means colour rendering index. The LED CRI value describes how the colour rendering of an artificial light source compares to sunlight. A CRI value of 100 means no distortion of colours by the light.

Lumen (lm) indicates how much light a light source emits in total per unit of time.

Kelvin (K) is the unit of colour temperature. It indicates the quality of colour rendering when illuminated by a light source.



SINGLE TABLE LATERAL



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



Fruit



Vegetables



Meat

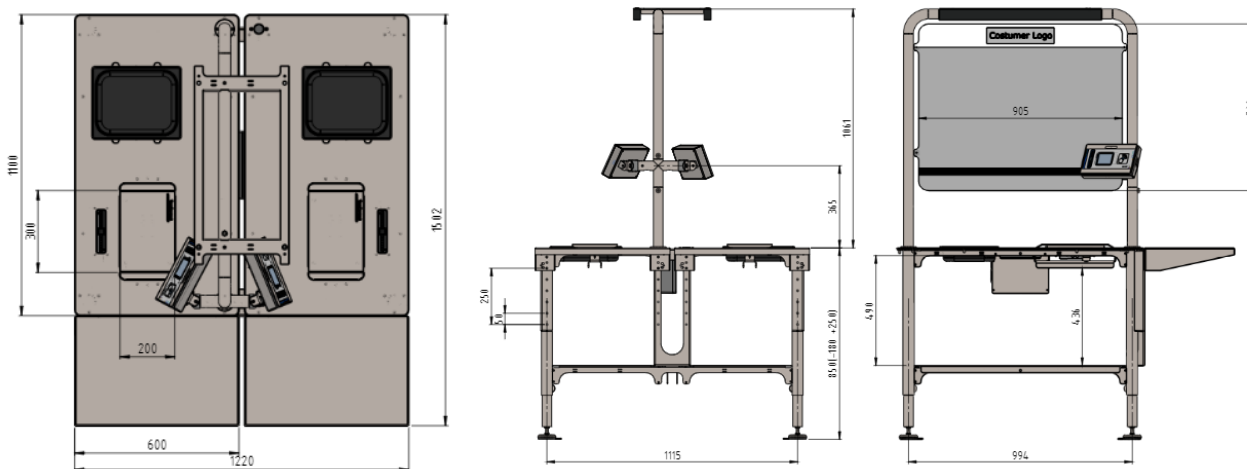


Fish

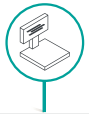


Cheese

DOUBLE TABLE LATERAL



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



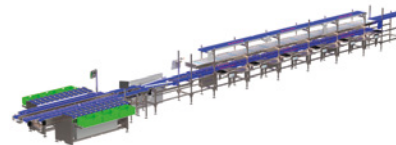
ILS 3800
Pallet labeller

intelligent closing solutions

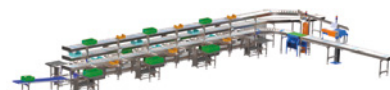


ICS 1000
Automatic gluing machine for carton packs

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

