TELTEK

SOLUTIONS FOR PRODUCT INSPECTION

Checkweighers, Metal Detectors, Labeling,
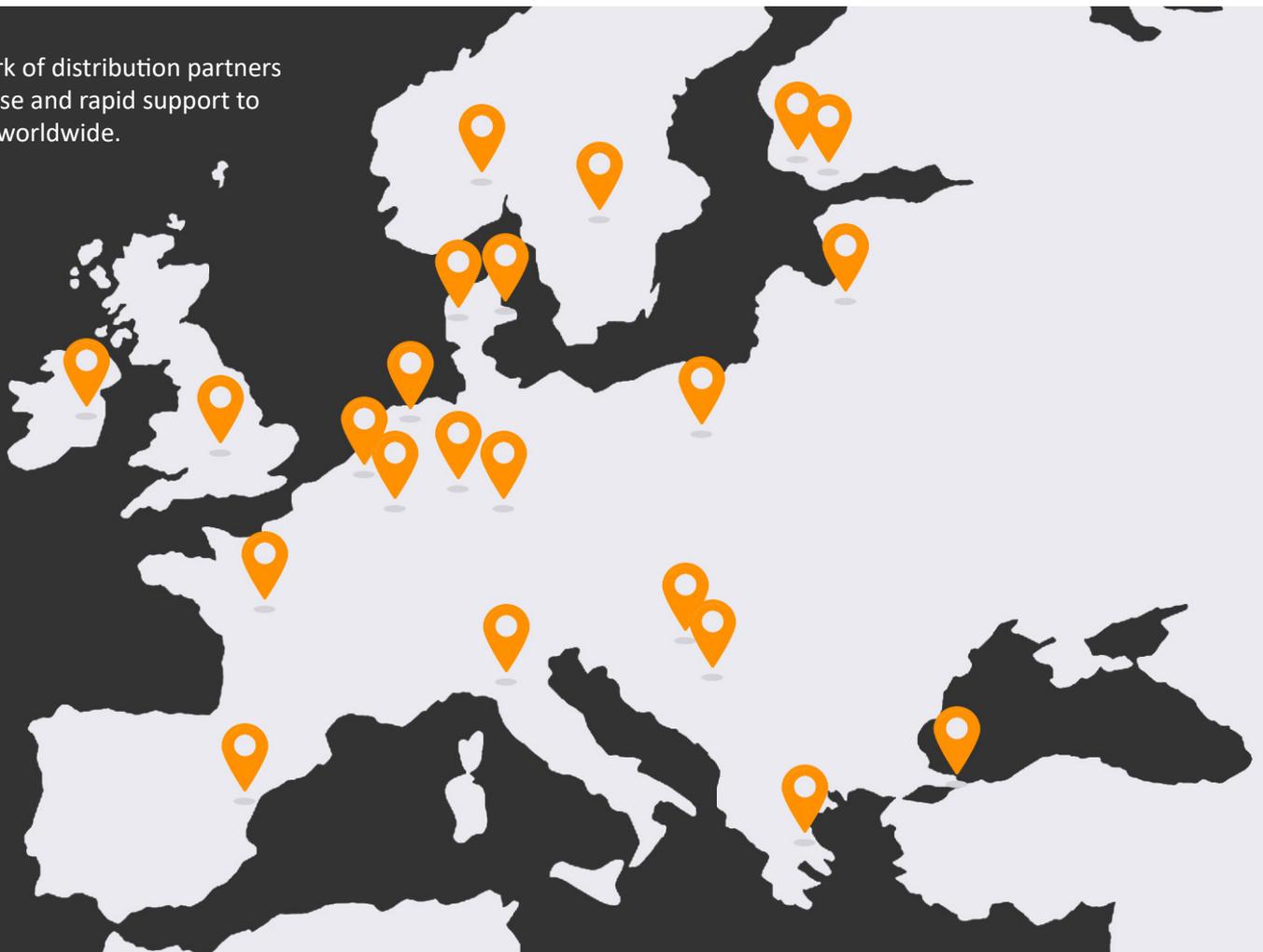Graders, Inliners, Teltek InControl

Avoid underfilling to ensure compliance with regulations

Save time and money by avoiding overfilling

Optimize the production flow and remove bottlenecks

Our network of distribution partners ensures close and rapid support to customers worldwide.

Teltek are known for high-end products, flexible solutions, and systems with good communication possibilities. The Teltek products are used in all kinds of industries where there is a need for reliable and accurate inline control of packed and unpacked products. The main industries using Teltek systems are the food and pharma industries.

To accommodate the different environments, we offer equipment in three different hygiene/IP levels, see the add-ons section.

Reasons to choose a Teltek checkweigher

High level performance and reliability

Teltek machines are built to the highest quality standards. All machines are type approved and can be first-time verified according to 2014/32/EU (MID) before delivery. The given Swedish alternative since 1984.

Very simple and intuitive user interface

15" touchscreen display with text and symbols makes everyday life easy for the operators. Up to four parallel weighing systems can be controlled by one HMI.

Advanced statistics and Network connection

Teltek checkweighers can produce production reports in Microsoft Excel™, PDF™ and/or CSV. The reports can be saved locally, downloaded to the USB port or transferred across the factory network.

Open and flexible solutions for connection and statistics, database solutions, remote support and more. Many protocols are available. Missing your favorite protocol? Let us know!

{JSON}	PROFI BUS®	PROFI NET®	Modbus	OPC UA
RS 232	RS 485	TCP/IP	Analog Output	Digital I/O

Customized to your business and your requirements

In close dialogue with you, our product experts develop the best solution for you. We offer, for instance, a wide range of belt sizes and materials, and many different reject mechanisms.

Teltek C80 Checkweigher

Top of the line checkweigher that fulfill every need

Simple user management

The Teltek C80 Checkweigher is designed for robust applications using intuitive software based on Windows™ platform. The C80 inline checkweigher features a large 15" LED touch screen display for ease of use and maximum operator flexibility.

Ready for integration

Extremely well adapted for integration in all kind of data and communication enviroments.

What is a checkweigher?

A checkweigher is a scale that dynamically (while the product is in motion) ensures that each product is within a specific acceptable weight range. The products outside of that weight range, under or over, is removed from the production line.

Why should you use a checkweigher?

A reliable checkweigher is a crucial component in any automated production line. On one hand, it ensures that each package contains at least the nominal quantity, as required by regulations. On the other hand it helps you minimize the giveaway, which often can lead to substantial savings.

Teltek C80 Standard Models

To simplify the selection process, we have predefined a number of standard models that fit many needs

Teltek S3

Our most common standard model for individual prepackages. Built on a three-conveyor design (infeed-weighing-outfeed conveyor). Weights of to 3 kg and belt speeds up to 75 m/min (corresponding to a product pace of up to 250 ppm). Maximum product length 450 mm. Pneumatic pusher or blow reject is included. Belt widths 160 mm or 250 mm.

Teltek H6 / H12

Checkweighers for heavier products up to 6 (12) kg för H6 and H12 respectively. Built on a three-conveyor design (infeed-weighing-outfeed conveyor). Belt speeds up to 35 (25) m/min. Maximum product length 450 mm (850 mm). Pneumatic pusher or blow reject is included. Belt width 350 mm.

Teltek B20 / B40

Checkweighers for boxes or cartons up to 20 (40) kg för B20 and B40 respectively. Built on a single conveyor design, where reject is intended to be performed by downstreams equipment (several communication options available). Belt speeds up to 25 (15) m/min. Maximum product length 850 mm (850 mm).

If none of our standard models meet your requirements, we also make all kinds of customized solutions

Teltek Combo

A combined checkweigher and metal detector-system creates possibilities for both functions in small spaces.

When the operator changes the product on the checkweigher, the metal detector automatically adjusts to the new product, simplifying handling and reducing the risk of incorrect settings. Rejected products will normally be rejected into a lockable stainless steel bin.

The complete solution can be delivered according to full BRC (British Retail Consortium) standard.

Teltek WPL

Teltek's equipment for labeling will help you automatically label your products, cartons or pallets with necessary information, such as weight, price, barcode, and allergy information.

When integrated with Teltek's checkweighers, a complete and automatic labeling solution is obtained. The solution will save your company both time and money, as well as reduce the risk of possible mislabeling.

Teltek Inliner

Teltek inliners help you to create order and structure in your production lines by receiving grouped products and delivering them in uniform lines to downstream systems.

The LS150 is the fastest option for creating a single product line, but requires more space than the LS100.

The LS100 is ideal for flat or lightweight items that are difficult to move laterally, as the LS100 aligns products by moving the entire conveyor sideways instead of using guide rails.

LS150

LS100

Teltek Grader

With a single software you can weigh portions based on end weight, quantity or sort your products based on their individial weight.

Teltek's innovative Windows™-based software provides users with the flexibility to choose from classic grading, batching to portion weight, specific quantities, or combinations. The system is recipe-based, allowing operators to store different products and sorting methods in advance.

Teltek graders offer various sorting methods, such as pneumatic diverter arms, pushers, and lift-flap solutions for fresh and sticky products. In the latter case, by lifting sections of the conveyor, products drop into stainless steel containers or onto sideways-facing conveyors.

Teltek InControl - Production software

Teltek InControl is a database tool to keep track of current production statistics, batch reports and article registers.

Teltek InControl consists of a database server running in you network environment (or in the cloud) that checkweighers continuously send data to. The database can be accessed through a web interface from anywhere within the factory. InControl consists of three modules: real-time data, historical data and article register.

Real time data

A "dashboard" that allow the user to see the current status of all production lines. Filtering functions available, if not all lines are of interest it is possible to filter out the lines of interest only.
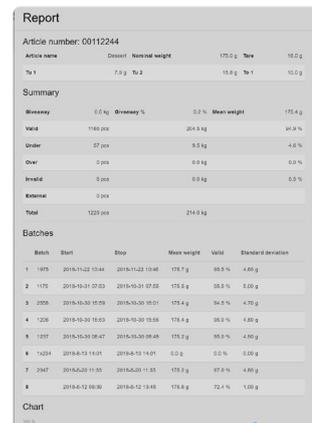
The operator can filter out important information, and only this will then be visable on the screen. It is also possible to set individual limits for acceptable levels.

If for instance a line speed of minimum 50 pcs/min is expected the value on the screen will turn red to indicate if the speed goes below the set limit.

Historical data

The operator can enter a search criteria based on many different options.
The software analyzes the data in the database and presents reports from the chosen search criteria. The reports can be viewed on screen, printed or saved.

Article register

A centralised product register editor that allows the operator to enter, edit or delete products. When the line operator changes product, the checkweigher will read the data from the database and get access to the correct current settings for that product.

Teltek Sample Station

The sample station comes with a suitable static scale, but other static scales can also be used.

The Teltek Sample Station consists of a static scale connected to an HMI running a dedicated software. The sample station works closely together with Teltek InControl. All individual measurements are sent to InControl for storage and product setup is done through InControl article register.

At prescribed time intervals, the software will ask for a sample to be performed and guide the user through the prescribed number of individual checks – and then display the result (OK/Not OK). The time to next sample clearly indicated.

The complete batch reporting is stored in InControl.

The Teltek sample station is the natural choice for convenient and compliant production where the investment in a checkweigher is excessive, for instance low volume production lines or food industry startups on tight budgets.

A Teltek sample station can be shared between several production lines – several batches can be run in parallel.

Add-ons

Available for most of Teltek's checkweighers

Reject Bins

Reject bin, lockable. In stainless steel and polycarbonate plastic. Teltek standard bin.

Available in three sizes.

Side guides

Side guides along infeed conveyor.
Adjustable in width. Note: For C80 S3 only.

MID

First time verification before delivery, for compliance with MID.

BRC / HACCP

- BRC functionality in checkweigher software.
- Can be turned on and off via switches in weigher settings.
- Light tower stack outputs connected to light dome.
- Air pressure monitoring to detect low air pressure to reject valve.
- Reject confirmation sensor for weight rejects and external rejects such as metal detector rejects.

- Bin full sensor for weight rejects and external rejects such as metal detector rejects.
- Key switch to test reject system.
- Product que sensor for detection of product jam or stop after weigher equipment.
- Photocell blocked sensor.
- Metal Detector status monitor.

Metal detector preparation

Metal detector- CASSEL SHARK BD
Preparation for metal detector to be mounted on infeed conveyor. Infeed conveyor length will be adapted for metal-free zone. Normally 900, 1100 or 1300 mm. Includes communication protocol for most detector brands. One extra reje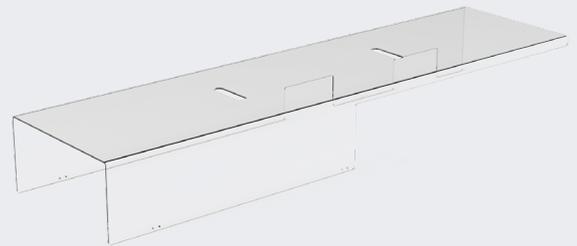ct included on outfeed conveyor. Outfeed conveyor length will be doubled from origin. Add extra reject bins and BRC for Combo if required.

Cover

Polycarbonate cover
- Above weighing conveyor and 100 mm before/after.
- Stretches from beginning of weighing conveyor to end of outfeed conveyor.
- Polycarbonate cover (combo unit)- stretches from end of metal detector to end of outfeed conveyor.
- Special cover extras (hatches/special design etc.). Price add-on per extras.
- PU-cover for weighing display.

Wash Down

All All Teltek products are designed for use in the food and pharmaceutical industry. To meet varying cleaning requirements, Telteks products are available in three different hygiene levels.

Regardless of level, the basic design (including stands and electronic cabinets) is based on stainless steel

Standard	• Recommended in case of wipe down cleaning • Aluminum conveyors • Designed to IP65	• Standard models (C80 S3, H6, H12, B20 and B40) made to this level by default • The best option for maximum weighing accuracy
Enhanced IP Protection	• Recommended in case of low-pressure wash down • Stainless steel conveyors with quick release for easy removal • Drying-mode design for fast drying	• Additional encapsulation for motors, bearings and screen • Designed to IP66 • Available as option to standard models
Extreme IP Protection	• Recommended in case of high-pressure washdown • Designed to IP69K, with certain exceptions	• Customized solution for each application, often including modular belts, drum motors, rated components (for instance photocells and cabinets)

PRODUCT OVERVIEW

Checkweighers, Metal detectors, Labeling, Graders, Inliners, Teltek InControl

Proudly made in Sweden

All Teltek deliveries are guided from start to finish by our experienced and skilled team. Each machine is designed to meet the needs of that particular application, built from the highest quality materials and verified according to relevant norms and certifications.

in **Teltek-AB**

▶ **TeltekAB**

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