

Scanvaegt Automatic Box Weigher

# Automatic Catch-weighing



Scanvaegt Box Weigher is a complete system for automatic weighing of boxes and bulk products and registration of associated alibi-numbers.

## Efficient automatic weighing

Scanvaegt's Box Weigher system is the ideal solution for automatic weighing and registration of alibi-numbers. With speeds of up to 25 items per minute, the system can be used for automatic check-weighing of boxes and cartons and weighing of bulk products for the purpose of yield calculation.

## Optimum reliability

The robust system which consists of a SV11 weight indicator, a SV1232 bench scale and a dynamic roller conveyor is designed specifically for use in the food industry. The bench scale, which is fitted with a large, sturdy load cell, is based on a solid parallelogram construction with overload protection, which protects the load cell. This prevents breakdowns and ensures maximum uptime. The roller conveyor is powered by a hard-wearing drum motor with IP67.

## Secure alibi-registration

The SV11 weight indicator which is approved for automated non-supervised weighing and alibi-registration registers the unique alibi-number and net weight and the tare of each box and stores it on the internal SD card. The indicator has a large capacity and stores up to 10 million records. In case of any subsequent documentation requirements, the records can be looked up directly on the display or via the web interface.

The records are stored permanently on the indicator but can also be transferred via the secure SV3 protocol for label printing or the administrative IT system from which the alibi-number can be looked up using the serial no. of the box.

## Easier operations

Scanvaegt SV11 makes it possible to work faster and more efficiently. Using the SV3 protocol, programmes and tare values can be transferred directly to the indicator from the central PC.

The indicator can also be controlled with the remote control of an operator terminal that is connected to the line.

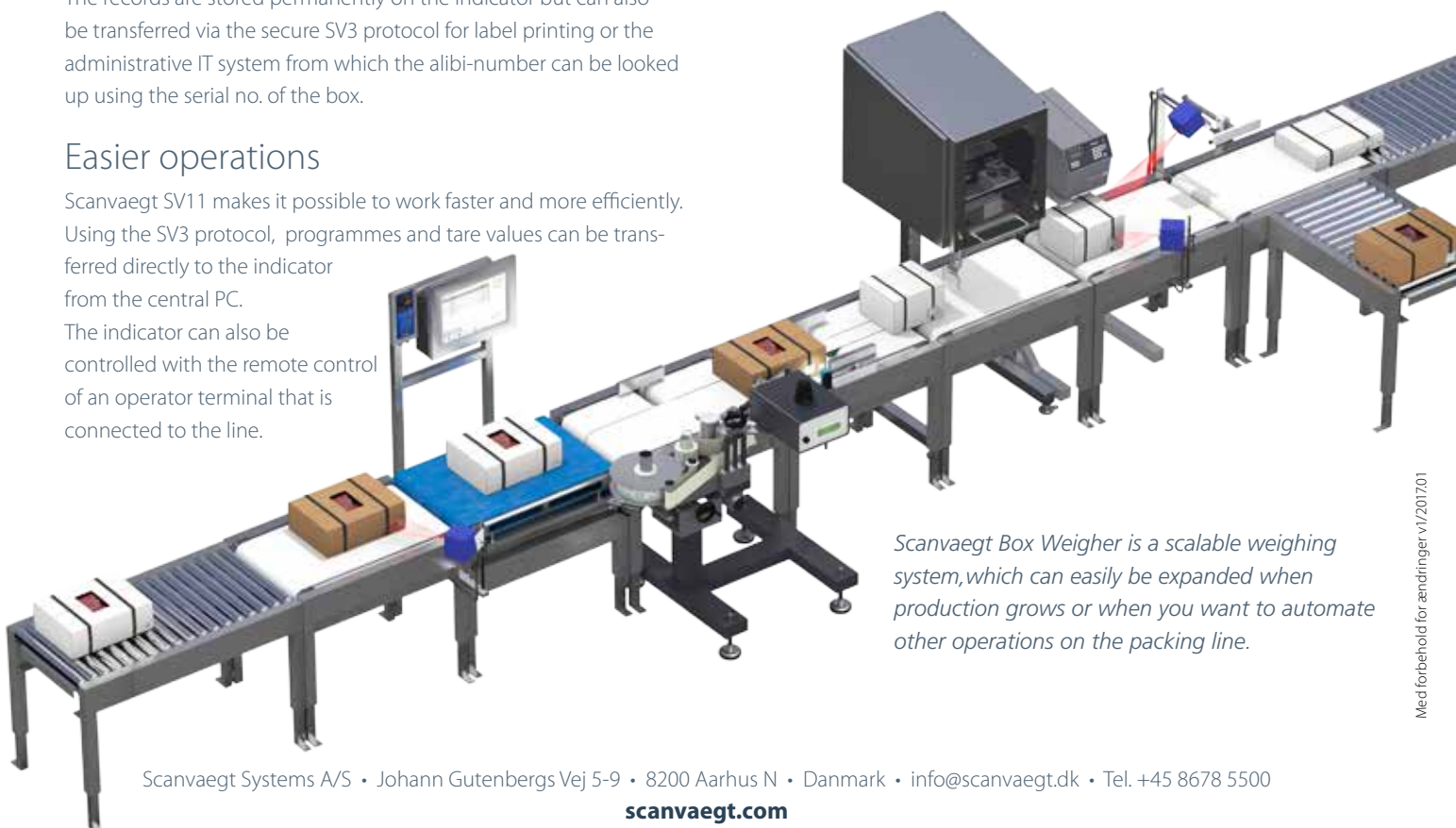
## Data-capture

The Scanvaegt Box Weigher System ensures efficient data capture and exchange with the superordinate MES / IT system. The solution can be fitted with Scanvaegt's PT9000 industrial computer which collects registrations and yield data and transfers them back to e.g. the PlusFlex system or another IT system. Data can also be collected using other terminals or online services.

## Scalable system

Box Weigher is a flexible system that can be scaled and extended with a wide range of applications that can automate several tasks, e.g.:

- PT9000 data terminal for data capture, product management and feedback to MES
- PLC for simple product management
- Separator belt for adjusting the distance between the boxes
- Reject section for boxes with incorrect weight
- Label application on bottom, side or top
- ID-scanner for automatic identification



*Scanvaegt Box Weigher is a scalable weighing system, which can easily be expanded when production grows or when you want to automate other operations on the packing line.*