

Get more profit from poultry packing

# DreamBatcher™



## Highlights

- Extremely accurate weighing and batching
- High speeds with up to 360 pieces/min. per line
- Virtually no giveaway



**SCANVAEGT**

*Imagine Superior Food Processing*

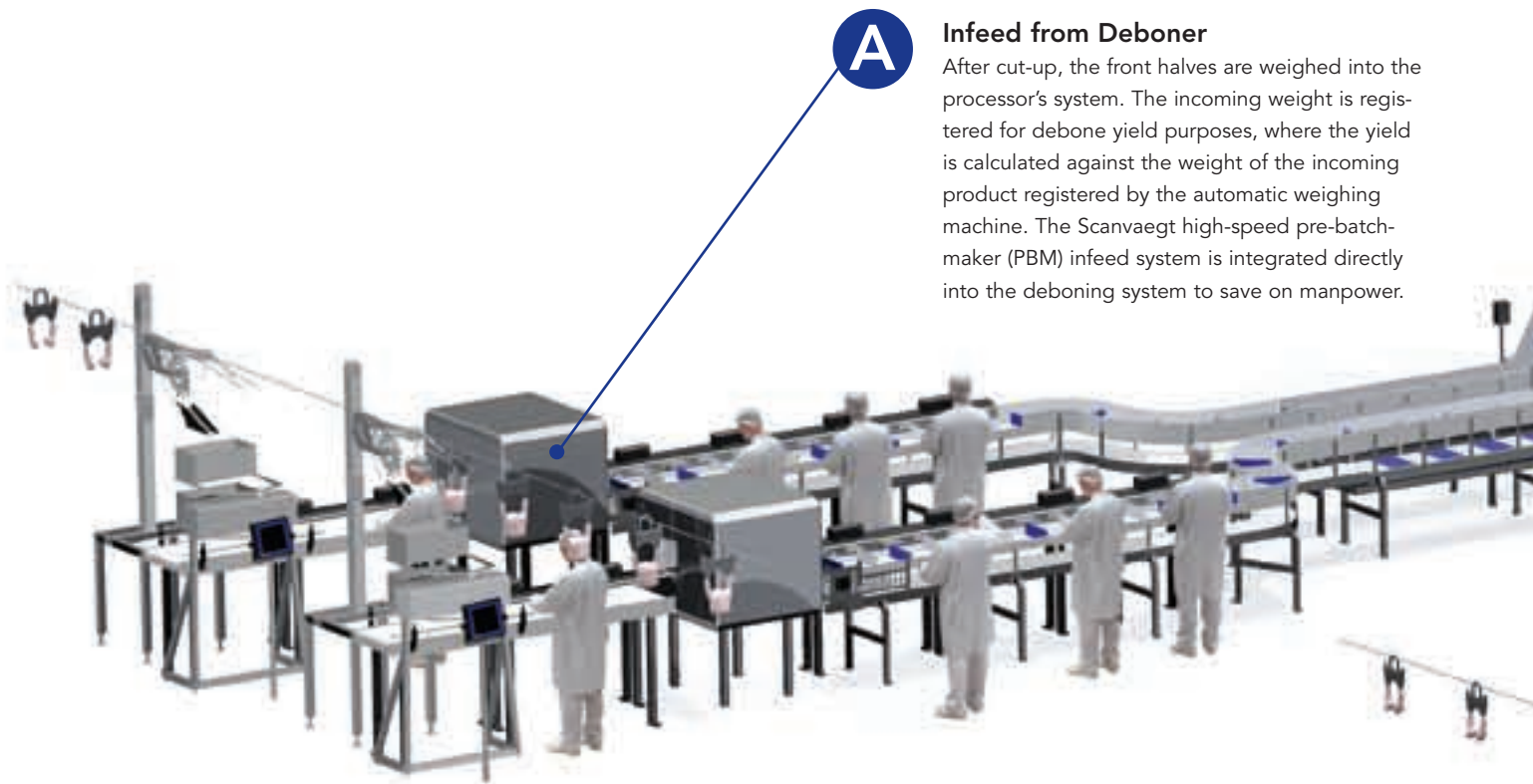
# How the Scanvaegt DreamBatcher™ System Works

The Scanvaegt DreamBatcher system was developed for extremely accurate weighing and batching at high speeds, using the Scanvaegt's Ultra Precision Technology (UPT). This provides a capacity of up to 360 pieces/minute per line, with virtually no giveaway.

The DreamBatcher solution comprises a twin automatic or semi-automatic infeed system that interfaces with either deboning machines or cut-up lines, ensuring that individual poultry parts are weighed with extreme accuracy before being passed on to the twin ScanBatcher weighing unit. From here, the weighed parts go to the specially designed compact separator and packing unit.

With integrated workstations designed to match the capacity of the particular line, operators do not need to move around. All items are within easy reach, including individual tray dispensers. It's easy for operators to adjust the set-up of the machine and tray dispensers to accommodate sizes that range from segment trays to family tray packs.

After products have been styled at the workstations, each tray is easily placed on the appropriate take-away conveyor, leading to a ScanCheck check weigher prior to wrapping.



**A**

## Infeed from Deboner

After cut-up, the front halves are weighed into the processor's system. The incoming weight is registered for debone yield purposes, where the yield is calculated against the weight of the incoming product registered by the automatic weighing machine. The Scanvaegt high-speed pre-batch-maker (PBM) infeed system is integrated directly into the deboning system to save on manpower.

## Large and efficient service organization

All Scanvaegt equipment is backed by one of the largest service organizations in the food processing equipment industry, with a team of more than 240 experts and technicians throughout the world.

**B**

## Infeed from Cut-Up Line

Boning products can be automatically fed into the high-speed PBM unit using the Scanvaegt synchronization dispenser system. This ensures automatic infeed with no manpower requirements.



**Scanvaegt Combining Facility**

The combining unit is designed to allow products from both separator lanes to enter the same bin. This makes it possible to run two or more batching jobs at the same time, ensuring optimum efficiency. (pat.pend.)

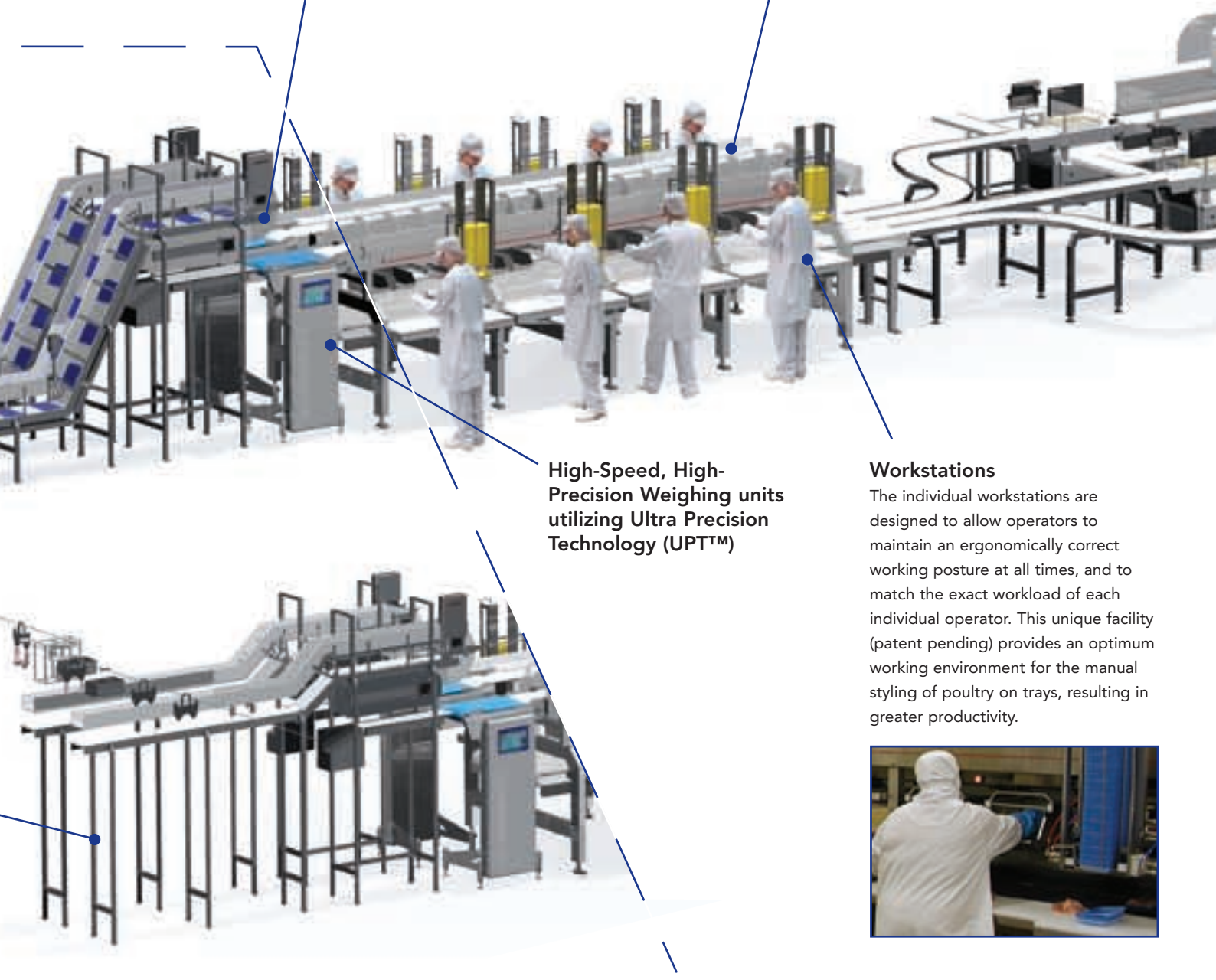
**Pre-Batchmaker (PBM) Infeed System**

The Scanvaegt PBM infeed system ensures accurate infeed with both individual poultry parts and parts weighed in groups.

**High-Speed, High-Precision Weighing units utilizing Ultra Precision Technology (UPT™)**

**Workstations**

The individual workstations are designed to allow operators to maintain an ergonomically correct working posture at all times, and to match the exact workload of each individual operator. This unique facility (patent pending) provides an optimum working environment for the manual styling of poultry on trays, resulting in greater productivity.



## The Packaging lines

For a complete solution, Scanvaegt's DreamBatcher integrates with a packaging system. A typical packaging system consists of tray wrapping or sealing equipment, metal detector, labelling system and robots for packaging the trays into boxes - all arranged with a minimum of manpower requirements.



## Process Check Weighing

After the products have been packed, the ScanCheck RF5 check weigher ensures that all trays have the correct weight before wrapping or sealing. It also integrates with the DreamBatcher and makes continual adjustments to keep giveaway to an absolute minimum.

**The Scanvaegt DreamBatcher, the applied methods and design and its associated equipment are protected by six current patents or patent applications.**

## The Technology behind DreamBatcher™

The DreamBatcher is able to weigh and batch products, such as chicken parts, at high speeds with extreme accuracy and with virtually no give away.

The speed and weighing accuracy is achieved by means of a new, very robust yet very precise automatic weighing machine. The automatic weighing machine uses a high precision, stainless steel, hermetically sealed load cell coming with a 3-year warranty. Combined with Scanvaegt's UPT (Ultra Precision Technology) second to none accuracies are achieved.

The Batching accuracy and the extremely low give-away is achieved by means of Scanvaegt's proven, patented CamelBack Technology and the associated SuperBatching software package. One of the many unique features of this combination is the ability to simultaneously handle jobs with multiple parallel target weights (Pat.Pend.)



### Market Moving Up

The US retail market for pre-packed poultry products is growing rapidly. And the more retail companies develop and extend this market, the more important it is to optimize the logistics and the entire value chain, from start to finish.

For maximum efficiency, it is crucial for both the retailer and the packer that all the packs of poultry products are of the exact same weight.

Consistent, completely reliable pack weights mean more rational logistics, less manpower for handling and other cost savings for all concerned.

### Rational Handling

The Scanvaegt DreamBatcher solution for fresh retail packing was developed to give you high-accuracy tray packing lines that cut poultry giveaway to the bone.

The Scanvaegt DreamBatcher range of packing lines enables you to do this in the most rational way possible, eliminating all double-handling of products and with no need for more space or for changes in your factory layout.

### Greater Capability, Less Space

The DreamBatcher make it possible to install a more efficient, more versatile packing line that requires fewer operators. The operators and the packing company both benefit from patented, ergonomically correct workstations in a layout centered on the bins for unprecedented efficiency.

This unique layout also helps you rationalize your logistics flows, and ensures that a DreamBatcher solution takes up much less space in your factory.

### From Burden to Benefit

The idea behind a Scanvaegt DreamBatcher solution is to provide you with the most rational

and efficient flow when packing net weight poultry products. The result is that working with net-weight packs simply ceases to be a burden – you benefit from

- No double-handling
- Lower staffing levels

- Better working environment for operators
- Packing direct to order
- Better product quality
- More consistent pack weights – with giveaway less than 2%. Guaranteed!

### Manual Solutions – 10 to 15% or More Giveaway

Some poultry packers operate manual net-weight packing lines. Managing giveaway on such production lines is very difficult. Giveaway fluctuates considerably and can easily reach 10–15% or more.

### Conventional Automatic Solutions – 6 to 10% or More Giveaway

Other poultry packers operate automated packing lines based on conventional graders. Trays from these packing lines often have giveaway figures of 6–10%, and sometimes even more.

### Scanvaegt DreamBatcher Solutions – 2% or Less Giveaway

US poultry packers that run Scanvaegt DreamBatcher packing lines report giveaway of less than 2% – with no underweights. For some products, giveaway is actually under 1%. The Scanvaegt DreamBatcher is the only system on the market that can achieve such impressive results.



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## 24-hour global service

All Scanvaegt products are backed by a full range of service packages, providing installation, extended warranty and preventive maintenance, ensuring maximum uptime and packing accuracy at all times. A partnership agreement with Scanvaegt ensures uninterrupted production flows, having the right people and equipment at the right place at the right time, protection for your system and peace of mind for your customers.

## Scanvaegt at a glance

Scanvaegt is a leading supplier of superior knowhow and solutions to the fish processing industry throughout the world.

### Scanvaegt provides:

- a comprehensive range of solutions for handling, processing and packaging food products
- highly advanced equipment for monitoring performance, measuring efficiency and improving yields
- the ability to design, develop, manufacture and install everything from a single machine to a complete food process-

ing solution – backed by a full range of service packages

- a thorough understanding of all aspects of the food processing industry, how these work together and how they can be leveraged into greater profitability
- sales, service and maintenance on a global scale, carried out by Scanvaegt's own staff

## Internet for further information

For further information, please contact your local representative or check [www.scanvaegt.com](http://www.scanvaegt.com)



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