

Scanvaegt ScanCut 3-Series



High Quality Meat Cutting

**PRECISE CUTTING
MINIMUM GIVE-AWAY
HIGH YIELD**



The ScanCut 3-Series represents the perfect solution for cutting the large pieces of meat into high-value portions. Based on 3D laser scanning, the ScanCut produces accurate portion sizes with minimum give-away, thereby creating higher yield.

Optimising meat portioning – increasing yield

The ScanCut 3-Series portion cutters are suited for extra large pieces of meat that exceed the width of 240 mm. This portion cutter range comprises 3 models with belt width of 300 mm, 350 mm or 400 mm respectively.

The ScanCut 3-Series are all equipped with 3 cameras, featuring a robust execution to make perpendicular cuts with ease. The infeed consists of two separate infeed conveyors to reduce the impact of placing a heavier piece of meat while still scanning the previous piece. The belt support is made stiffer, which ensures stable operations.

The ScanCut 3-400 mm version even has a doubled power servo motor to drive the knife through the toughest pieces of meat.

Following the product type, different product fixation systems are possible. Different knife types, suited to the product, can be used.

A product is fed on the infeed belt. A three dimensional laser scanner then calculates its volume. A preset weight and shape frame is selected from the program menu. The portion computer then calculates where to cut.

A catch weigher can optimise the precision with changing product characteristics.

The machine can be opened up completely for easy cleaning and is designed for optimal cleaning to meet extreme hygienic standards (CIP integrated). The belts can be removed for separate cleaning.

For maintenance, easily obtainable spare parts have been selected. This guarantees the lowest possible maintenance costs. All motors and encoders are situated away from the wet area, which ensures a long lasting lifetime.





Options

- CW2: manual infeed check weigher
- MC3: grader to check and distribute the portions
- APH: Automatic Product Holder
- BH: Back Holder
- FH: Front Holder
- OPH: Outfeed Product Holder
- Auto clean: two electro valves for separate cleaning of belts
- AISI 316 execution
- Multitap transformer / Power supply (UL approved)
- C-software: to generate production reports, trace program changes, etc.
- Knife sharpening device

Technical specifications

Belt width	305, 356 or 406 mm
Belt speed	Adjustable up to 45 cm/s
Cutting rate	Up to 14 cuts/sec
Cutting angle	90° vertical knife
Machine dim. LxWxH	ScanCut 3-300: 3435 x 1475 x 1711 mm ScanCut 3-350: 3435 x 1475 x 1711 mm ScanCut 3-400: 3435 x 1600 x 1711 mm
Net weight	ScanCut 3-300: 1270 kg ScanCut 3-350: 1270 kg ScanCut 3-400: 1370 kg
Construction	Stainless steel AISI 304 and FDA food approved plastics

Conveyor belt	Modular type
Selections keyboard	IP67 with integrated electronics
Indicator	UTP TCP/IP-connection
Power supply	ScanCut 3-300 and 3-350: 3 x 400 V + N / 50-60 Hz / 6 kW ScanCut 3-400: 3 x 415/425 V + GND+ N / 50-60 Hz / 6 kW
Air supply	6 bar, 50 NL/min for air dryer
Cleaning	Designed for optimal cleaning to meet extreme hygienic standards (CIP integrated)
Software	P1 intelligent optimisation software
Connectivity	Direct Internet connection for flexible remote servicing
Option	Separate loading conveyor

	Applications	Product type	Belt width	Max. Prod.dim. LxWxH mm	Max cutting rate. Cuts/sec
SCANCUT 3-300	 	Large meat primals	305	800 x 290 x 150	14
SCANCUT 3-350		Extra wide meat primals	356	800 x 340 x 150	12
SCANCUT 3-400		Giant meat primals	406	800 x 380 x 180	13



Market-leading supplier

Scanvaegt Systems is a Danish-owned company, established in 1932. We develop, produce and market weighing systems, portioning solutions, labelling lines, inspection equipment, related IT-systems and traceability solutions.

Scanvaegt Systems has its head office in Aarhus, Denmark, and subsidiaries in Norway, Sweden, Germany and Poland, and distributors in a number of other countries. The staff is of app. 200 employees.

Service and support are crucial factors in any type of production company and keywords for us. For this reason we place comprehensive service and support facilities at our customers' disposal.

The Scanvaegt service package comprises: Preventive maintenance, training and instruction, installation and on-site repairs, spare parts, hotline & online support, software service, verification and calibration.

