

Scanvaegt Compact Grader



# Versatile grading & batching



**HIGH ACCURACY  
IMPROVED YIELD  
EASY TO USE**

The Compact Grader is the perfect solution for grading small and vulnerable products of fish, poultry and meat into portions with fixed size and number – at high accuracy, high speed and high reliability.

# The perfect solution for grading to precise portions

The Compact Grader sets the new standard for small versatile grading systems.

The grader is the perfect solution for grading to size and number, and can handle vulnerable & small products, e.g. fish fillets (fresh or frozen), frozen lobstertails, oysters, lamb shank, ribs, chicken/turkey fillets and whole chicken/turkey.

The grader is an easy to use, simple and robust solution, using pull arms and being available with 6 or 8 stations, combined left and right.

The Compact Grader is truly compact, integrating both infeed, weighing and grading on one belt and one frame – all of this with the same precision as the classic graders.

This patented solution leads the way in the field through various batching options and other outfeed options from 2 to 8 stations combined left/right and in line.

The Compact Grader delivers various advantages, e.g. high accuracy, high weighing and grading speed, a reliable, compact construction together with several output possibilities. The system is userfriendly and very easy to clean, ensuring high hygienic standards.



## Technical specifications

|                           |  |
|---------------------------|--|
| <b>Max. prod. Dim.</b>    | 400 x 250 mm – alternatively up to 600 x 450 mm.   |
| <b>Programs</b>           | 100 adaptable programs   |
| <b>Range</b>              | 0 – 1,5 kg – alternatively: 5 kg   |
| <b>Precision</b>          | Standard deviation 0-500 gr: 1.5 gr - 500-1500 gr: 3 gr  |
| <b>Max. speed</b>         | 120 pcs/min  |
| <b>Applications</b>       | Grading to size and number – option: Batching to weight  |
| <b>Options</b>            | M-PM Z2: production management software<br>M-S1: label management software<br>M-PR1 or PR2: label printers |
| <b>Construction</b>       | Stainless steel AISI 304, FDA food approved plastics   |
| <b>Conveyor belt</b>      | Grid polyethylene  |
| <b>Selection keyboard</b> | Stainless steel IP67 with integrated electronics   |
| <b>Indicator</b>          | M-Z2 with UTP TCP/IP-connection  |
| <b>Power supply</b>       | Single phase 230 VAC, 50 Hz, 800W  |
| <b>Air supply</b>         | 200NI/min/6bar   |
| <b>Protection</b>         | Protected against mechanical overload.<br>Loadcells hermetically protected IP68                            |
| <b>Software</b>           | M-G1   |

|                                 | M3/6  | M3/8  |
|---------------------------------|---|---|
| <b>Gates</b>                    | 6   | 8   |
| <b>L x W x H (belt)</b>         | 3235 x 643 x 825 mm   | 4185 x 693 x 825 mm   |
| <b>Belt width</b>               | 250 mm  | 300 mm  |
| <b>Product dimensions W x L</b> | 240 x 400 mm  | 290 x 400 mm  |
| <b>Product weight</b>           | 15 gr - 1,5 kg  | 100 gr - 3 kg   |
| <b>Options</b>                  | Label printer: M-PR1 or PR2<br>Stainless steel 316<br>Infeed belt<br>Batching | Label printer: M-PR1 or PR2<br>Stainless steel 316<br>Infeed belt<br>Batching |



# 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.

