

High throughput
Precise separating system
Sorting by weight - up to 12 different sorting groups



radwagusa.com

DWM HPS Sorting Checkweigher

AUTOMATIC SYSTEM FOR PRODUCT SORTING

DWM HPS

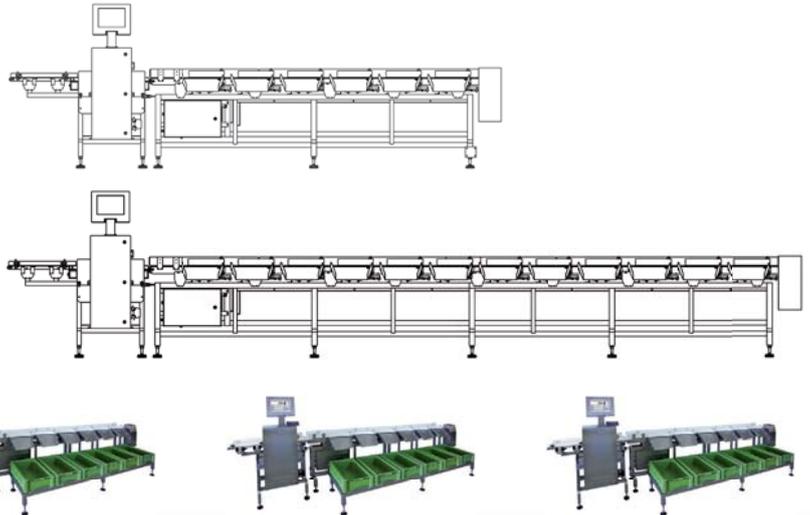
Up to 12-chute sorting system The highest measuring accuracy



The sorting checkweigher is a high technology weighing instrument. It features specialized automatic system providing precise and fast product separation. With electromagnetic weighing module, the DWM checkweigher guarantees high speed and precision for your weighing process.

The automatic sorting checkweigher has been designed to provide self-acting product sorting process, wherein the products are separated into several groups varying by weight. Generally, the DWM HPS checkweigher is intended to be used in plants processing fish and meat, it aims to support product sorting process. Owing to the system functionality, the products can be separated into 12 different weight groups. Additionally, rejection of defective or faulty products is carried out automatically. Depending on the used algorithm, the products can be grouped within specified weight or quantity range (the containers can be filled up to determined weigh value or product quantity).

The device has been equipped with color 12" touchscreen easy to read for any working environment. Modern industrial computer provides high throughput, complete data archiving and simultaneously performed communication with a master computer system. An in-built self-diagnostic system monitors the DWM HPS operation and reports any detected problems in real time.



DWM 1500 HPS

DWM 3000 HPS

DWM 6000 HPS

Maximum capacity [Max]	1500 g	3000 g	6000 g
Readability [d]	+/- 0.5 g	+/- 1 g	+/- 2 g
Minimum load [Min]	10 g	20 g	40 g
Conveyor velocity	1.6 m/s	1.6 m/s	1 m/s
Max. dimensions of sorted product [length × width]	350 mm × 180 mm	400 mm × 230 mm	500 mm × 280 mm
Throughput	150 items/minute	140 items/minute	90 items/minute
Weighing module	Magnetolectric weighing module		
Number of separators	6 or 12		
Mechanical design	Stainless steel		
Conveyor type	Belt		
IP rating	IP 65		
Display	12" color touchscreen		
Pneumatic connector	Quick coupling intended for 12 mm cable		