

# DWM HPS SORTING CHECKWEIGHER



issue date. 20-02-2017



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. Owing to the system functionality, the products can be separated into 12 different weight groups. 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 checkweigher can be used in small and medium-size companies and on high throughput production lines of large organizations where simple sorting or separation into groups of vast range of products is required. The checkweigher can feature additional buffering, storing and signalling systems.

## DWM HPS Features:

- ✓ High throughput
- ✓ Precise separation system
- ✓ Sorting into 12 different weight groups
- ✓ 12" colour touchscreen
- ✓ Cooperation with a customized E2R system
- ✓ Scale operation monitoring with an in-built auto-diagnostics system
- ✓ Two versions :
  - 6-chute sorting system
  - 12-chute sorting system

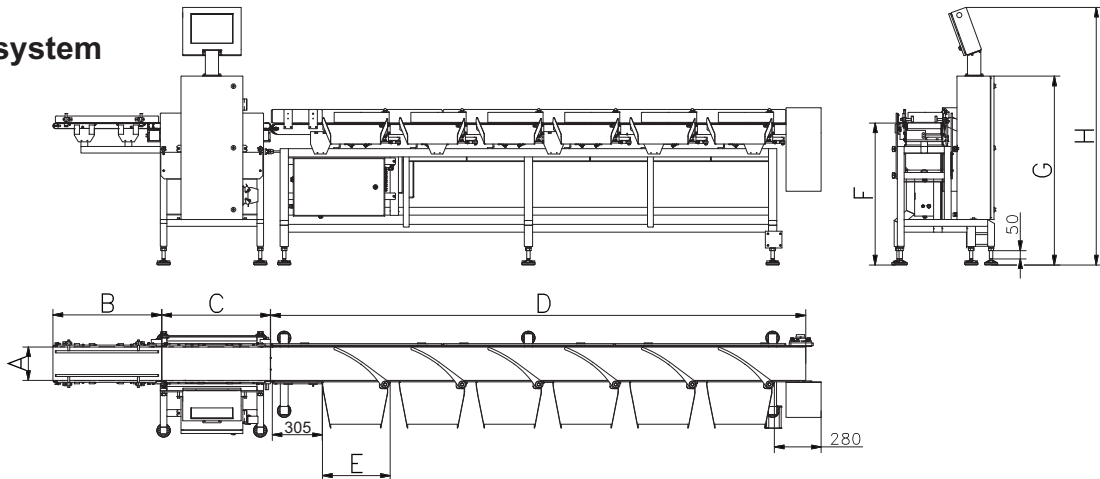


## Technical specifications:

	DWM 1500 HPS	DWM 3000 HPS	DWM 6000 HPS
Max capacity	1500 g	3000 g	6000 g
Readability	+/- 0,5	+/- 1	+/- 2
Minimum load	20 g	50 g	100 g
Tare range	-1500 g	-3000 g	-6000 g
Conveyor velocity	1,6 m/s	1,6 m/s	1 m/s
Max. dimensions of sorted product [length x width]	350 x 180 mm	400 x 230 mm	500 x 280 mm
Weighing module	electromagnetic weighing module		
Number of separators	6 or 12		
Construction	stainless steel		
Conveyors	belt		
Working temperature	+5° ÷ +40 °C		
IP rating	IP 65		
Display	LCD 12" (touch screen)		
Power Supply	240 VAC 50 Hz		
Pneumatic connector	6 bar quick coupling intended for 12 mm cable		

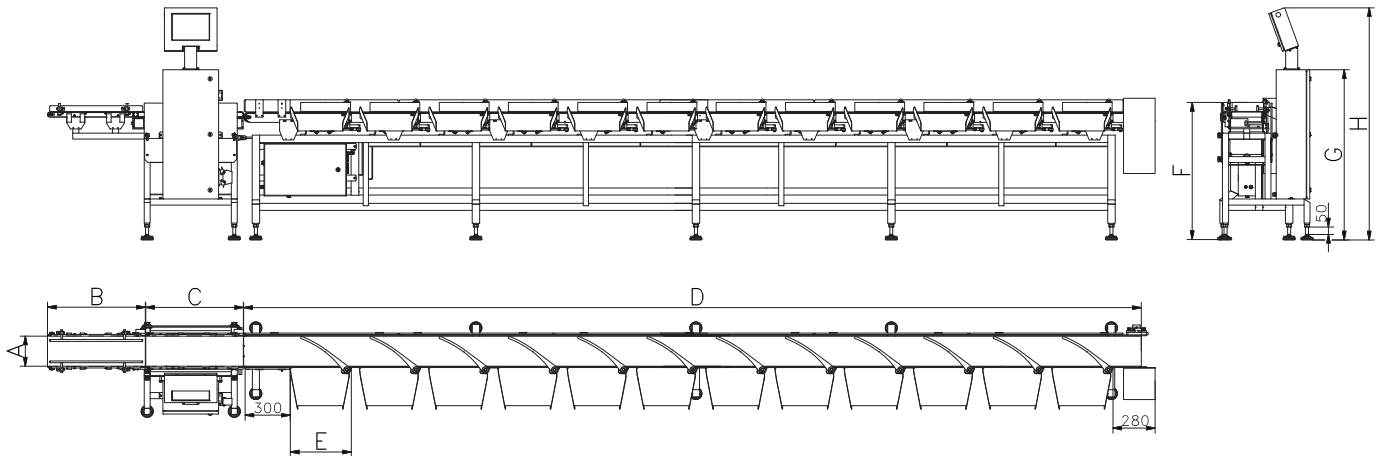
## Dimensions:

### 6-chute system



Parameter	Symbol	DWM 1500 HPS	DWM 3000 HPS	DWM 6000 HPS
Total height	H	1545 mm	1545 mm	1545 mm
Control cabinet height	G	1130 mm	1130 mm	1130 mm
Working height	F	850 mm	580 mm	850 mm
Adjustment range		+/- 50 mm	+/- 50 mm	+/- 50 mm
Conveyor width	A	200 mm	250 mm	300 mm
Infeed conveyor length	B	500 mm	550 mm	650 mm
Weighing conveyor length	C	500 mm	550 mm	650 mm
Chute width	E	407 mm	407 mm	407 mm
Sorting conveyor length	D	3307 mm	3307 mm	3307 mm
Total weight		~225 kg	~240 kg	~255 kg

### 12-chute system



Parameter	Symbol	DWM 1500 HPS	DWM 3000 HPS	DWM 6000 HPS
Total height	H	1545 mm	1545 mm	1545 mm
Control cabinet height	G	1130 mm	1130 mm	1130 mm
Working height	F	850 mm	580 mm	850 mm
Adjustment range		+/- 50 mm	+/- 50 mm	+/- 50 mm
Conveyor width	A	200 mm	250 mm	300 mm
Infeed conveyor length	B	500 mm	550 mm	650 mm
Weighing conveyor length	C	500 mm	550 mm	650 mm
Chute width	E	355 mm	355 mm	355 mm
Sorting conveyor length	D	4860 mm	4860 mm	4860 mm
Total weight		~325 kg	~340 kg	~355 kg