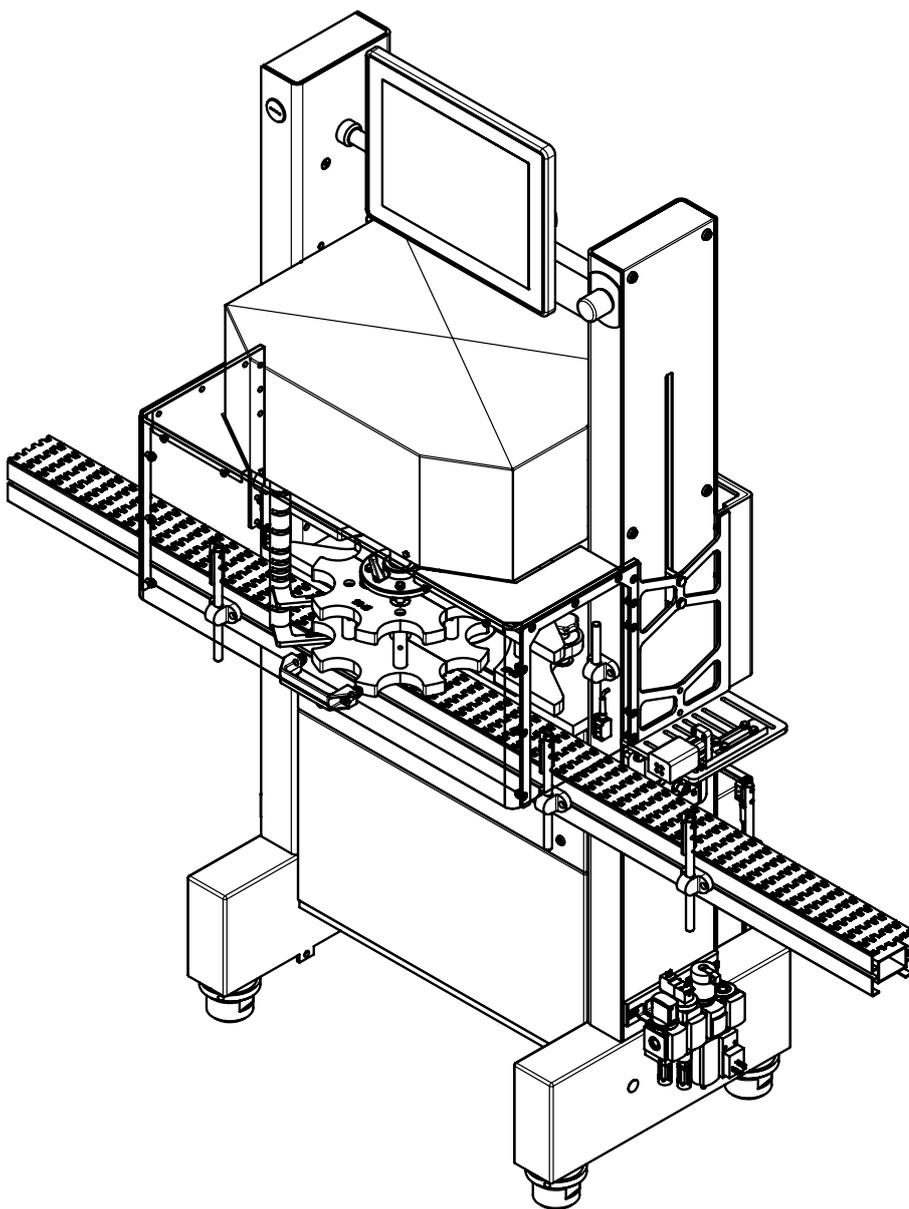


HC-A-IS

TECHNICAL DATA

CW



RELIABLE WEIGHING OF CYLINDRICAL PRODUCTS

HC-A IS

The **HC-A-IS** is a special machine version of the HC-A for weighing wobbly, cylindrical products (e.g. aerosol cans, etc.) with high throughput and accuracy. The checkweigher is placed at any point on the existing production line. The product handling rotary star wheel of the weighing system projects over the existing transport lane so integrating it does not require any disconnection of the production line.

A wide and coordinated range of sorting devices is available for the rejection of products with incorrect weight. The use of a high-tech weigh cell from WIPOTEC Weighing Technology, which works on the principle of electro-magnetic force restoration (EMFR), guarantees the best technology for excellent weighing results.

The easily replaceable, positively-driven, two-part star wheel removes products from the main product flow. The products are sorted, separated, and weighed individually and then returned to the production line. Under- or overweight products are automatically sorted out.

The intuitive user interface ensures convenient operation via clearly structured, 15-inch colour TFT display with touch-screen.



MAIN FEATURES

- ✔ High-precision weighing of wobbly and cylindrical products
- ✔ Available as single and double lane version
- ✔ WIPOTEC EMFR weigh cell
- ✔ Easy, menu-driven operation via 15" colour TFT display with touchscreen
- ✔ Small footprint
- ✔ Quick and easy format change
- ✔ Wide variety of sorting devices matched to your products
- ✔ Option to control the filling machine using fast feedback or trends

YOUR BENEFITS

- ✔ Output up to 400 pieces/minute
- ✔ Easy and user-friendly operation to increase efficiency
- ✔ Exact fill results for highest productivity
- ✔ Short set-up times thanks to easy format change
- ✔ ADD-on solution Line integration without separation
- ✔ Stable, positively driven product handling for increasing efficiency

TECHNICAL DATA

HC-A IS

BASE DATA

Material of machine	Frame stainless steel V2A/AISI 304	
Machine weight (standard application)	350 kg	
Shipping weight (standard application)	400 kg	
Protection class	IP65	
Temperature range	+5 °C to +40 °C	
Display and operation	Tilttable 15" colour TFT display with touchscreen	
Available dialog languages	Bosnian, Chinese, Croatian, Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Latvian, Lithuanian, Polish, Portuguese, Russian, Slovak, Slovenian, Spanish, Swedish, Turkish (other languages on request)	
Interfaces ¹⁾	Optionally: Ethernet, OPC, Profibus, ProfiNet, EtherNet/IP, RS232, RS422, RS485	
Max. output ²⁾	HC-A-IS 100 pcs/min	HC-A-IS-D 180 pcs/min
Digital I/O	8xI + 8xO (optionally extendible)	
Product parameter storage	100 PPS (optionally 200 / 400 PPS)	
Drive	Servo-Technology automatic cropping on the weighing platform	
Noise level ²⁾	A-weighted emission sound pressure level under 70dB(A)	
Rated voltage	L1/N/PE optionally 115 VAC or 230VAC	
Rated frequency	50/60 Hz	
Connect load (power capacity)	Approx. 0,8 kVA - 1,0 kVA	
Compressed air supply (option)	6 bar approx. 16NI/min quality class (according to ISO 8573-1) [5:3:3]	
Possible maximum numbers of connected motors	1 motor (optionally 3 extendible)	
EU-type examination certificate	DE-18-MI006-PTB001 (MID)	

WEIGHING DETAILS

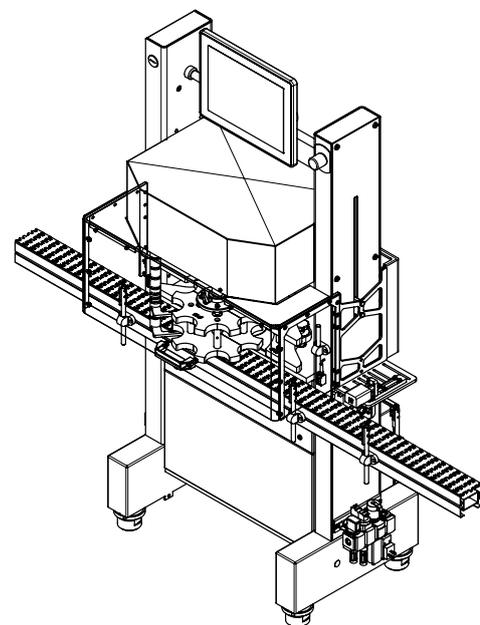
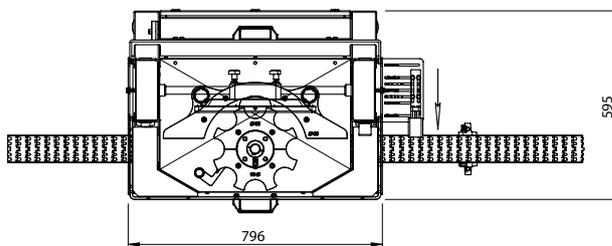
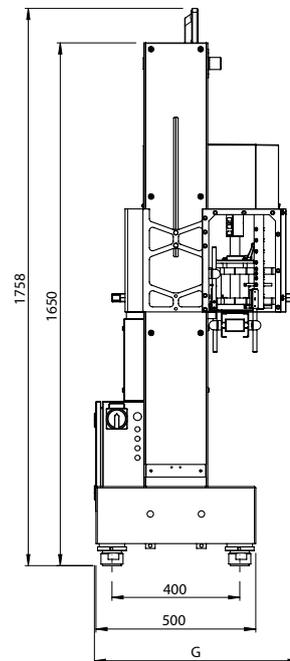
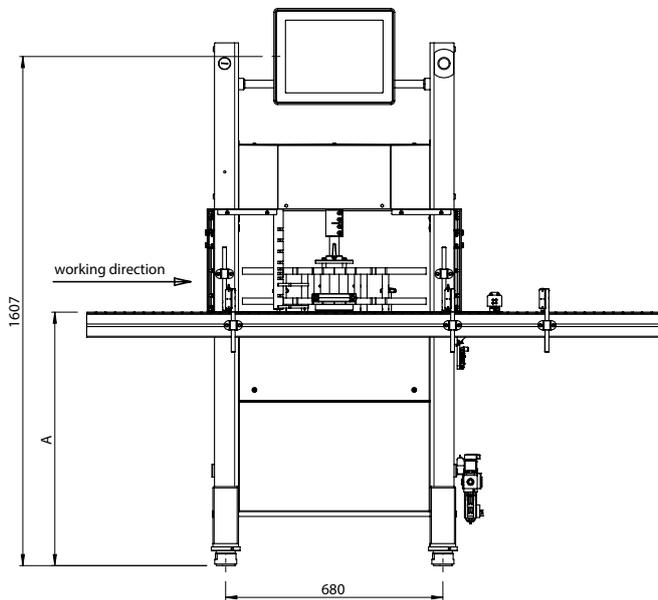
	Weigh Cell (Type)	GWR (Gross weighing range)	Dead load max.	e (Min. calibration value)	d (Displayed value)	Standard deviation ²⁾ (1s)	n (Scale division)
HC-A-IS-2000-2	EC-2000-2	750 g	4,000 g	≥ 0.1 g	≥ 0.01 g	from 50 mg	7,500
HC-A-IS-2000-1	EC-2000-1	1,000 g	4,000 g	≥ 0.2 g	≥ 0.02 g	from 50 mg	7,500
HC-A-IS-MI	SW-D-FS	200 g	600 g	≥ 0.02 g	≥ 0.002 g	from 5 mg	10,000
HC-A-IS-D	SW-D-FS	2 x 750 g	1,000 g	≥ 0.1 g	≥ 0.01 g	from 50 mg	7,500

1) Optionally, surcharge

2) Depending on product shape, product behavior, transport speed and environmental condition

MACHINE DIMENSIONS

HC-A IS



Format	Diameter Height
8 star deviation	ø 51 - 80 mm H 300 mm
12 star deviation	ø 36 - 50 mm H 270 mm
16 star deviation	ø 20 - 35 mm H 200 mm

A = Working height¹⁾	700-850 / 800-950 / 900-1,050 mm
G = Total width	650 mm depending on machine configuration

1) Working height must be specified when ordering

These specifications are reference values of the standard machine excluding application- or weighing-specific add-on parts.
All entries in mm | Drawing shows design example

