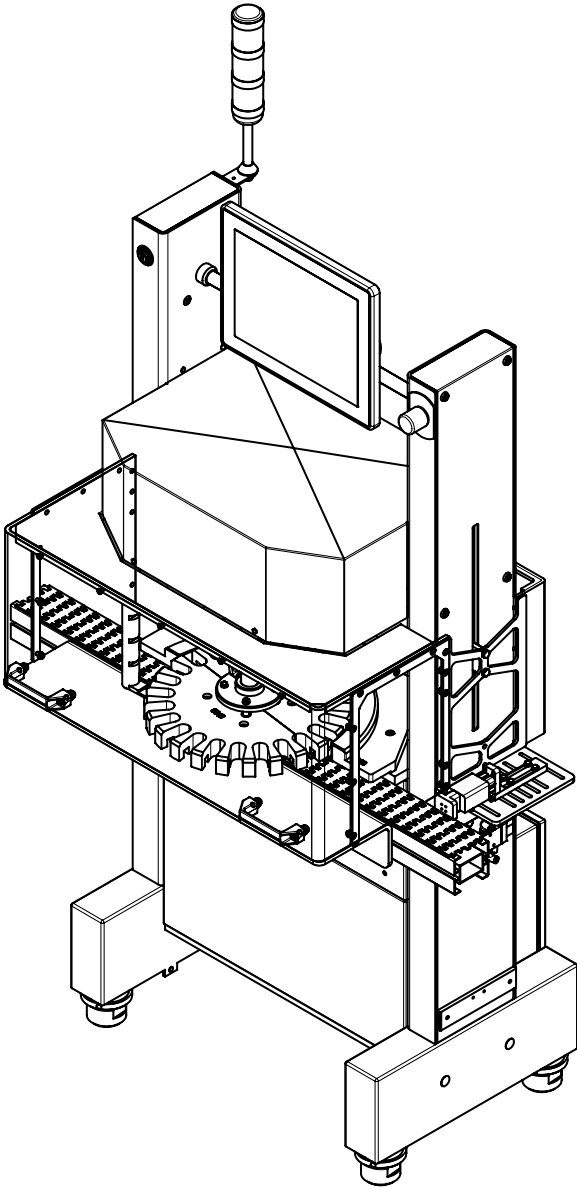


# HC-A-IS



# GENERAL INFORMATION

HC A-IS

**HC-A-IS** (or IS-D for dual tracks) is a special configuration of the HC-A machine for weighing wobbly cylindrical products (e.g., cans, etc.) in a sophisticated revolving weighing system that delivers great accuracy and high throughput.

Two system solution, one concept: The HC-A-IS (single track) and the HC-A-IS-D (double track) have an ingenious Revolving Weighing system. It facilitates optimal product handling for high, slim containers (e.g. aerosol cans, plastic and glass bottles, etc.) and ensures fast, precise 100% in-line weigh control.

The checkweigher is „employed“ in the existing production line at any desired point. The very easy, exchangeable, two-part star wheel projects over the existing conveyor system. This ensures product stability within the weighing system and return to the carrier is carried out via the touch screen. The specially designed cover

guard and the integrated safety interlocks ensure a high degree of safety.



## MAIN FEATURES

- ✔ Extremely high accuracy especially for unstable cylindrical products
- ✔ Automatic zero tracking as standard
- ✔ Sorting within the star wheel possible
- ✔ Complete line integration (mechanical and control-wise)
- ✔ Short change over time by simple change of format sets
- ✔ Tool free format change

## YOUR BENEFITS

- ✔ Add-On-Solution simple installation on existing lines without line major alteration
- ✔ High throughput up to 180 pcs/min (100 pcs/min with single track)
- ✔ Space-saving unit for quick integration and operational readiness helps achieve cost reductions

# DETAILED INFORMATION

HC A-IS

## TECHNICAL DATA

<b>Material of machine</b>	V2A/AISI 304
<b>Weight of machine</b>	Approx. 190 kg (standard machine)
<b>Production class <sup>1)</sup></b>	General production class IP 65
<b>Standard deviation (1s) <sup>2)</sup></b>	From 100 mg
<b>Temperature range</b>	+5°C to + 40°C
<b>Display and operation</b>	Tiling 15" colour TFT display with touch screen
<b>Available dialog languages</b>	Bosnian, Chinese, Croatian, Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Latvian, Lithuanian, Polish, Portuguese, Russian, Swedish, Slovakian, Slovenian, Spanish, Turkish, (other languages on request)
<b>Interface</b>	Optional: Ethernet, OPC, Profibus, TherNET/IP, RS232, RS422, RS485, TTY (current loop)
<b>Output</b>	max 100 pcs/min   HC-A-IS-D 180 pcs /min
<b>Drive technology</b>	Servo-technology   automatic positioning on the weighing platform
<b>Working height</b>	700 - 850 mm, 800 - 950 mm, 900 - 1.050 mm
<b>Rated Voltage</b>	L1/N/PE 230V / 115V
<b>Rated frequency</b>	50/60 Hz
<b>Power capacity</b>	Approx. 0,8 - 1,0 kVA
<b>Compressed air supply</b>	6 bar ca. 40NI/min Quality class 5/3/3 per DIN ISO 8573-1
<b>EC-certified</b>	DE-08-MI006-PTB028
<b>Ex-version</b>	Optional: explosion-protected, ATEX conform (zone 1 resp. zone 2) execution HC-A-IS-D

1) Depending on product shape, product behaviour, ejection device, transport speed and ambient conditions.

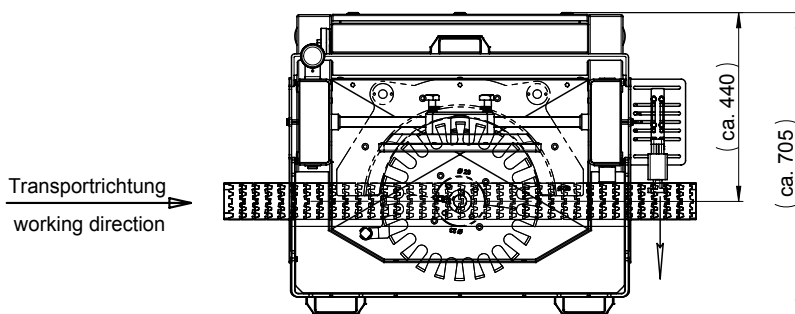
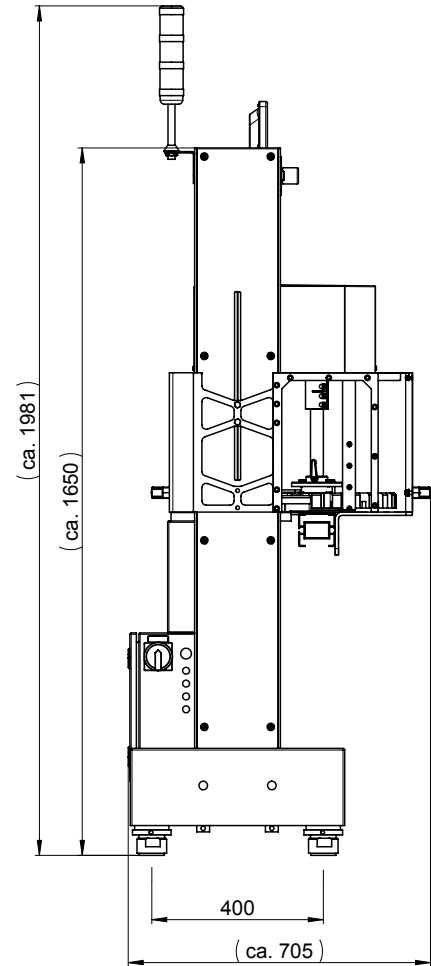
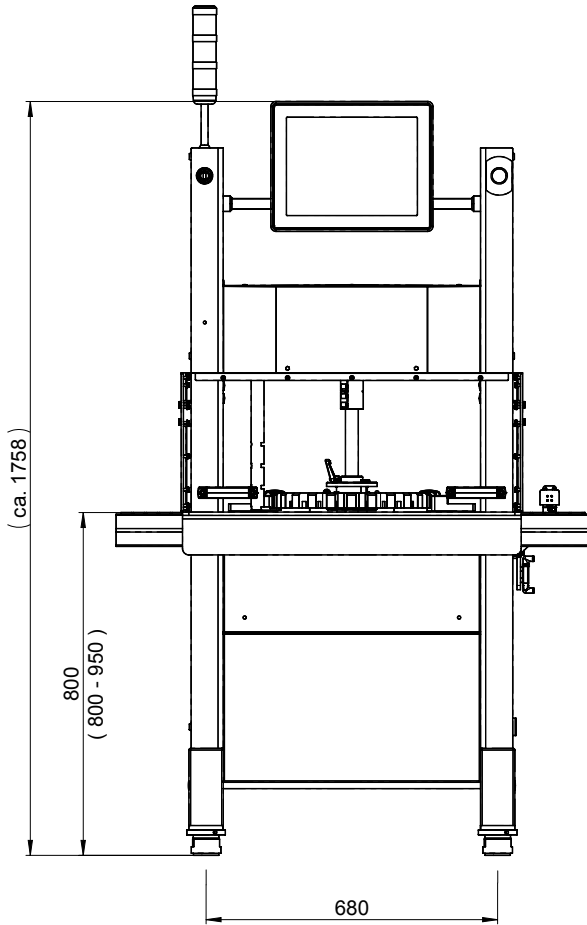
2) We recommend an application-related test of the required protection type.

## WEIGH CELL DETAILS

	GWR (gross weighing range)	max DL (Deadload)	e ≥ (min calibration value)	n (graduation steps)
<b>2000-2</b>	750 g	4.000g	0,1 g	7.500
<b>2000-1</b>	1.000 g	4.000g	0,2 g	7.500
<b>D</b>	2 x 750 g	4.000g	0,1 g	7.500
<b>MI</b>	200 g	600 g	0,02 g	10.000

# TECHNICAL DRAWING

HC A-IS



Format ranges	Diameer   Height
8er star graduation	ø 50 - 80   H 300
12er star graduation	ø 35 - 50   H 270
16er star graduation	ø 20 - 35   H 200

All measurements in mm.  
These measurements are guideline value for the standard machine without application and weighing specific attachment parts. The diagram shows options and special features.

