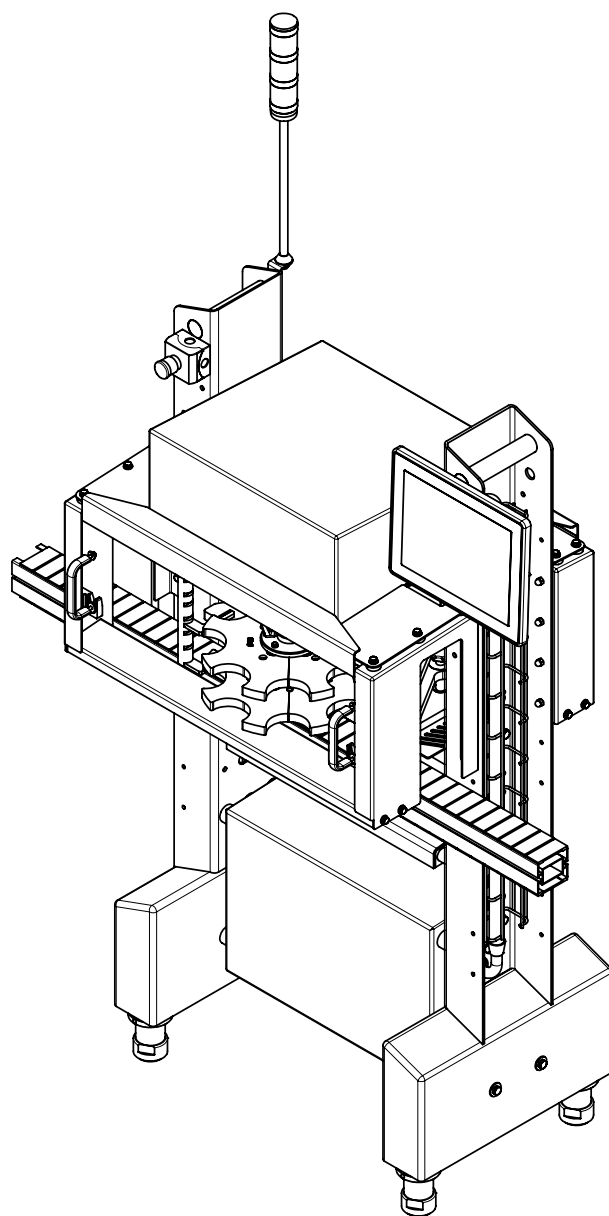


# HC-A-IS-WD

TECHNICAL DATA

CW



# PRESSURE WASHERS SAFE

# HC-A IS-WD

For unstable cylindrical products - High-speed in-line weigh control

The **HC-A-IS-WD** provides a reliable and robust checkweigher in an innovative, hygienic wash-down design for fully automatic weight control for use in filling plants (e.g. in the food and beverage industry).

The indexing star wheel system enables optimal product handling for high, slim containers (aerosol cans, plastic and glass bottles, etc.) and ensures fast, precise in-line weight control.

The easy exchangeable star wheel handles product transfer, product transportation within the weighing unit and the return transportation to the production line. Thanks to the open and easy-to-clean balcony construction, the HC-A-IS-WD can be easily integrated into existing filling lines without having to open up the existing transport route.

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



## MAIN FEATURES

- ✓ Extremely high accuracy especially for unstable cylindrical products
- ✓ IP69K protection type, solid stainless steel design, IFS-compliant product control, HACCP/LMHV/FDA conformity
- ✓ Easy integration into existing lines
- ✓ Short change over time with simple change of format sets
- ✓ Possibility of fast feedback/tendency control of filling machine

## YOUR BENEFITS

- ✓ Efficiency improvement through simple and user-friendly controls
- ✓ Flexible integration in production lines for more efficiency

# TECHNICAL DATA

**HC-A IS-WD**

## BASE DATA

|   |  |
|---|--|
| <b>Material of machine</b>                          | Frame stainless steel V2A/AISI 304   |
| <b>Machine weight (standard application)</b>        | 400 kg   |
| <b>Shipping weight (standard application)</b>       | 500 kg   |
| <b>Protection class</b>                             | IP69K  |
| <b>Temperature range</b>                            | -5 °C to +40 °C  |
| <b>Display and operation</b>                        | Tilttable 15" colour TFT display with touchscreen  |
| <b>Available dialog languages</b>                   | 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) |
| <b>Interfaces <sup>1)</sup></b>                     | Optionally: Ethernet, OPC, Profibus, ProfiNet, EtherNet/IP, RS232, RS422, RS485  |
| <b>Max. output <sup>2)</sup></b>                    | 60 pcs/min   |
| <b>Digital I/O</b>                                  | 8xI + 8xO (optionally extendible)  |
| <b>Product parameter storage</b>                    | 100 PPS (optionally 200 / 400 PPS)   |
| <b>Drive</b>  | Servo-Technology automatic cropping on the weighing platform   |
| <b>Noise level <sup>2)</sup></b>                    | A-weighted emission sound pressure level under 70dB(A)   |
| <b>Rated voltage</b>                                | L1/N/PE; 100-240 VAC   |
| <b>Rated frequency</b>                              | 50/60 Hz   |
| <b>Connect load (power capacity)</b>                | Approx. 0.8 kVA - 1.0 kVA  |
| <b>Compressed air supply</b>                        | 6 bar approx. 16NI/min quality class (according to ISO 8573-1) [5:3:3]   |
| <b>Possible maximum numbers of connected motors</b> | 1 motor (optionally 3 extendible)  |
| <b>EU-type examination certificate</b>              | DE-18-MI006-PTB001 (MID)   |

## WEIGHING DETAILS

|                          | <b>Weigh Cell</b><br>(Type) | <b>GWR</b><br>(Gross weighing range) | <b>Dead load</b><br>max. | <b>e</b><br>(Min. calibration value) | <b>d</b><br>(Displayed value) | <b>Standard deviation <sup>2)</sup></b><br>(1s) | <b>n</b><br>(Scale division) |
|--------------------------|-----------------------------|--------------------------------------|--------------------------|--------------------------------------|-------------------------------|---|------------------------------|
| <b>HC-A-IS-WD-3002-2</b> | <b>EC-3002-2</b>            | 3,750 g                              | 12,000 g                 | ≥ 0.5 g                              | ≥ 0.05 g                      | from 500 mg                                     | 7,500                        |

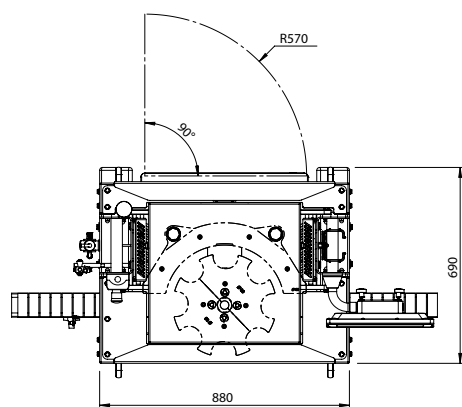
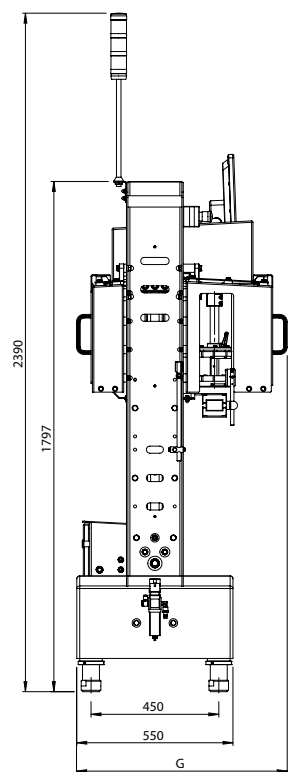
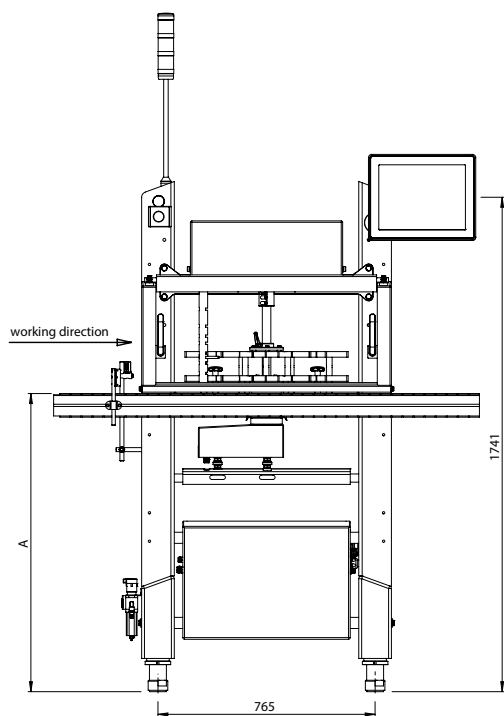
<sup>1)</sup> Optionally, surcharge

<sup>2)</sup> Depending on product shape, product behavior, transport speed and environmental condition

# MACHINE DIMENSIONS

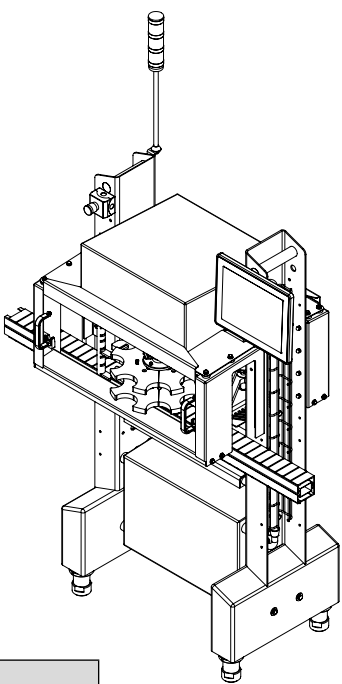
HC-A

IS-WD



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

|                                  |   |
|----------------------------------|---|
| A = Working height <sup>1)</sup> | 800-950 / 900-1,050 / 1,000-1,150 mm      |
| G = Total width                  | 750 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

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and extend across the width of the page. There are no margins, text, or other markings on the paper.